

Eric Weinstein - JRE #1945 Transcript

On February 22, 2023 Spotify released Eric Weinstein's interview with Joe Rogan. The four hour conversation covered many topics branching off from the core theme of UFO phenomena. [The Portal Group](#) created this Google Doc to make it easier to transcribe everything that was said and to hyperlink all the various references discussed. Eventually this will be posted to [our page for the episode in The Portal Wiki](#).

Guidelines for Transcription

- Source material is from Spotify and should match with that: [#1945 - Eric Weinstein on Spotify](#)
- The initial version of this transcript was generated automatically, so there are plenty of errors that need to be corrected.
- Ideally, proper names and references will be updated and fixed so that people can understand topics discussed.
- We should hyperlink any topic of significance or any idea substantial enough to have a solid Wikipedia entry.
- Formatting changes should be minimal in order to make sure that timestamps still match and that this reads as a transcript.
- Eventually, this will be moved to The Portal Wiki, so it should match the format there. An example is the [Penrose episrockkode](#).
- Please follow our [Style Guide](#).

Questions and Thoughts

- If you have any questions, put them in a bulleted list here or make comments and we'll answer them.
- If you want to speak to a human directly, [you can find us in our Discord](#).
- It may be interesting to somehow integrate these in here:
<https://twitter.com/EricRWeinstein/status/1631734183520522241>

Introduction

00:00:00

Intro: Joe Rogan Podcast. Check it out. The Joe Rogan Experience. Train by day, Joe Rogan Podcast by night, all day.

00:00:12

Joe rogan: We're up. Hello Eric. Good to see you, my friend.

00:00:15

Eric Weinstein: Hello, Joe.

00:00:14

Joe Rogan: So we should tell everybody this podcast came about from, what time in the morning was it when I called you? It might have been one of them late night ones, wasn't it?

00:00:24

Eric Weinstein: Well, they all run together, but...

00:00:28

Joe Rogan: It was a late night freak out UFO conversation. I was like, dude, we got to do a podcast about this. Because out of all of my friends that actually can understand physics and explain it, you comprehend it at a very high level. So for things like this to be puzzling to you, to the point where you actually want to talk about it.

00:00:46

Eric Weinstein: Well, I don't want to talk about it because I got, dude, I got this one so wrong for years. I mean, there is no trace of me talking about UFOs, I think before three years ago, because I can't stand the topic. Unlike the rest of you, this thing hits very differently for me.

00:01:03

Joe Rogan: Well, I should say then I've gone back and forth.

00:01:05

Eric Weinstein: Yeah, I know. I've watched your oscillations.

00:01:06

Joe Rogan: I abandoned it for a long time until I watched the [Bob Lazar](#) documentary. When [Jeremy Corbell](#) made that [Bob Lazar documentary](#), I was like, God damn it, they got me back in again. They drew me back in again.

00:01:17

Eric Weinstein: I don't think. I don't know if there's ever footage of me saying the words Bob Lazar.

00:01:21

Joe Rogan: There it goes.

00:01:22

Eric Weinstein: There you go. I know. But, um...

00:01:24

Joe Rogan: I would love to facilitate that dinner.

00:01:29

Eric Weinstein: Oh, let's do... I don't know why, you know, there's always this question about, is Bob Lazar a physicist? Was he trained at these places? And I have to imagine that that's an easily resolvable question, because you can tell whether somebody is a physicist pretty quickly.

00:01:46

Joe Rogan: I would... that's why... I can't. It's like, you know, you know what it's like. It's like fake black belts. There's a lot of fake black belts. And if you're a real martial artist, you watch it and you go, what the fuck is this guy doing? This is hilarious. But some people who don't have any understanding of martial arts, are oh my God, this guy has a death touch. He'll just touch you behind the ear and you fall asleep, and people believe it.

00:02:07

Eric Weinstein: Yeah, I thought I would just skip everything and go right to the [Five Point Exploding Heart Technique](#).

00:02:11

Joe Rogan: Yeah. So that is how I am when, you know, physicists, I'm sure I don't know what you're saying. I can't verify or deny. Well, so Bob Lazar is a very impressive person to talk to. And what's really impressive to me is that he's had the same exact story since the 1980s. And the new footage of these crafts that show them rotating 180 degrees before they take off is exactly how he described.

A Really Weird and Interesting Question

00:02:40

Eric Weinstein: So how do you want to ease into this?

00:02:43

Joe Rogan: What got you curious about it? If you had just decided that it was all horseshit, like what changed your perspective?

00:02:51

Eric Weinstein: Okay, this is a really weird and interesting question. I had a different puzzle that I've been working on for years, which has to do with physics and is important to me in my work and what I, what I care about, which is, there is this crazy history between around 1953 and 1973. With an explosion of activity that sometimes goes under the name of [The Golden age of general relativity](#), where [general relativity](#) was sort of put in final form in the teens by [Einstein](#) and also [Marcel Grossmann](#), who never gets the credit for the original papers, I think on general relativity...

00:03:30

Joe Rogan: Isn't that always the case?

Eric Weinstein: Yeah, but...

Joe Rogan: It was like some guy behind the scenes that actually wrote for Shakespeare.

00:03:37

Eric Weinstein: Einstein is *the* genius, but he had a mathematical friend whose father saved Einstein, I think got him the patent job. So he's... and there's like a meeting called the [Marcel Grossmann meeting](#). So he's a shadowy figure on the edge of the Einstein legend. I don't think he deserves the credit. Einstein did. But if you look at the first paper in general relativity before Einstein says anything concrete, the first paper, he says something vague and it's 1913 and that's with Grossmann. The next paper, he says something wrong, he publishes the wrong equation. Then he corrects the equation and it's incomplete because it doesn't have the cosmological constant. And I think it's four papers before he has the equation that now dominates our understanding of the cosmos in the large.

Joe Rogan: Interesting

00:04:20

Eric Weinstein

And the... So then it goes silent and effectively the smart kids are all following [Bohr](#), because Bohr in the Quantum have so many open problems, or as general relativity seems like a pretty much a closed book. And that's until 1953. And something very bizarre happens in 1953, which we can get to. But then there's 20 years of explosion in general relativity, which you know, you've had [Roger Penrose](#) on your program before, so he comes from that era, and [Stephen Hawking](#) was interior to that era. [Richard Feynman](#), of all people, was very active and gave lectures at [Caltech](#). So my entry point was that when I was a young guy at the [University of Pennsylvania](#), when I'd come home to L.A. for break, I'd go out to Caltech and I would park in Feynman or [Gell-Mann's](#) parking spaces, which I just thought was the coolest thing in the world, that these people, these gods, had little, you know, stones with their name stenciled on.

00:05:29:07 - 00:05:33:10

Eric Weinstein

So I would go park in Feynman's space and I would go to the Caltech bookstore.

00:05:33:10 - 00:05:34:13

Eric Weinstein

And I found.

00:05:34:40 - 00:05:42:55

Eric Weinstein

That there was something that was sold there that at the time I don't think was sold anywhere else, which is like the Feynman lectures on gravitation 1962 to 63.

00:05:42:55 - 00:05:44:18

Eric Weinstein

And they were effed up.

00:05:44:43 - 00:05:58:46

Eric Weinstein

They it was like Feynman says, I don't know how Einstein did his thing, but imagine that you didn't have the insight that this was all geometric based on a guy named Bernard Riemann's notion of what differential geometry is, the sort of the smooth surface.

00:05:58:46 - 00:05:59:49

Eric Weinstein

Geometry of curvature.

00:06:00:52 - 00:06:22:42

Eric Weinstein

And Feynman says, Let's just imagine this was an ordinary field theory. Am I Richard Feynman, smart enough to figure out the geometry just proceeding as if I was a particle theorist and like, this is a very strange and interesting, wonderful thing to do. And these these notes are fantastic. My question is, what happened between 1953 and 1973?

00:06:22:42 - 00:06:25:53

Eric Weinstein

Because the reason that that I'm.

00:06:26:45 - 00:06:50:27

Eric Weinstein

In part really animated right now is that this month, February 1st of 2023, is the exact 50th year anniversary of the stagnation in particle theory, as measured by the movement from the [Standard Model](#). So the Standard Model and general relativity are the two basic theories, the theory of the very small, the theory of the very large. They're incompatible in a certain level, but they're very similar.

00:06:50:27 - 00:07:08:42

Eric Weinstein

Looking at a different level. So this has been driving people crazy. And I say, you know, in 1973, Crocodile Rock was the number one song or an entire yellow ribbon round the Old Oak Tree. Imagine that song being at the top of the Pops for 50 years with no respect. That's all.

00:07:09:07 - 00:07:10:42

Eric Weinstein

So impressive. This is right.

00:07:11:16 - 00:07:14:18

Joe Rogan

That's a great comparison. It's a great right.

00:07:14:18 - 00:07:15:52

Eric Weinstein

So just imagine the platform shoes.

00:07:15:52 - 00:07:16:51

Eric Weinstein

And they're going up.

00:07:16:51 - 00:07:17:54

Joe Rogan

So it doesn't make any sense.

00:07:17:54 - 00:07:40:42

Eric Weinstein

Doesn't make any sense. How did the world's smartest community stagnate this badly? Is it happened once before in recent times between 1928, when Dirac came up with something called quantum electrodynamics, which is electrons and photons interacting light and a little bit of matter. And for almost 20 years until 1947, we couldn't.

00:07:40:42 - 00:07:41:22

Eric Weinstein

Compute.

00:07:41:58 - 00:08:06:46

Eric Weinstein

With this first quantum field theory, quantum electrodynamics, otherwise known as QED. And suddenly in 1947, we held a conference at Shelter Island in the tip of Long Island, and they didn't invite the old people as much as they invited the young people coming after the success of the Manhattan Project. Now the Manhattan Project gets remembered by us as a physics project, but it was really engineering because the theorists.

00:08:07:17 - 00:08:07:28

Eric Weinstein

Were.

00:08:07:28 - 00:08:25:01

Eric Weinstein

Unable to fight their way out of a paper bag. So we gave them an engineering project and they completely crushed it, right? They gave us these atomic weapons. So we had a pretty good idea of who was smart and people like Feynman were smart. So we held this this weird, cheap conference Shelter Island at the Rams head in.

00:08:25:39 - 00:08:46:31

Eric Weinstein

And Feynman figured out that along with a guy named Julius Schwinger and another guy named Tom Minogue in Japan, that there was a stupid error, like a really boneheaded, you know, I can't find my keys for 20 years. And then you realize, Oh, they're in my pocket. So this thing had to do with the fact that there are two concepts of mass for the electron.

00:08:47:11 - 00:08:47:49

Eric Weinstein

And.

00:08:49:04 - 00:09:03:57

Eric Weinstein

If you imagine that this was that this table between us was ice, right? And I pushed this cup that we would know about how much the mass of this cup was based on how it responded to force. But what if I start putting friction now?

00:09:03:57 - 00:09:04:31

Eric Weinstein

It's would.

00:09:05:11 - 00:09:12:17

Eric Weinstein

It appears to be slightly more massive because it takes more force to drag a cup across wood than it does across ice because of the coefficient of.

00:09:12:17 - 00:09:12:41

Eric Weinstein

Friction.

00:09:13:46 - 00:09:32:51

Eric Weinstein

That number is the effective mass or the dressed mass. And we thought that that was the real mass. And we had those two numbers said equal and say that they weren't the same number. Suddenly the theory yielded. So it was a 20 year stagnation that ended because there was a boneheaded mistake. So we have some experience with.

00:09:32:51 - 00:09:33:10

Eric Weinstein

This.

00:09:34:22 - 00:09:44:45

Joe Rogan

Is this was stagnation more confusing to you because everything else is kind of moved along technologically? Innovation?

00:09:45:32 - 00:09:47:38

Eric Weinstein

No, things mostly haven't moved.

00:09:47:38 - 00:09:48:43

Eric Weinstein

Really? Yeah.

00:09:48:52 - 00:09:50:09

Eric Weinstein

We all have this sense.

00:09:50:09 - 00:09:54:16

Eric Weinstein

Of, Oh my God, the dizzying pace of progress. Right? And then I, I.

00:09:54:16 - 00:10:11:29

Eric Weinstein

Always said this, this problem this way. I say if you subtract the screens in our lives, so our phones, the big flat screen TVs, all that stuff, and you, and you forget about style issues because style changes. How do you know you're not in 1973, more or less. You know, we don't have George Jetson stuff everywhere.

Orcasup the

00:10:11:51 - 00:10:12:57

Joe Rogan

Style would be.

00:10:12:57 - 00:10:26:54

Eric Weinstein

A big star would be. But in just in terms of tecKimhnologically, the distance between 1952, where we have the first thermonuclear device in the test known as Ivy Mike in 1902 before we even have powered flight is like 10,000 years.

00:10:26:54 - 00:10:28:21

Eric Weinstein

It's enormous, right?

00:10:28:40 - 00:10:41:13

Eric Weinstein

The difference between 1973 and 2023 is mostly due to computers, computers and communication. One of the two really big expanding things. I'm not saying you don't have quadcopters.

00:10:41:29 - 00:10:42:01

Eric Weinstein

And you don't have.

00:10:42:32 - 00:10:49:35

Joe Rogan

But because we interact with that primarily, we think of things as being far more advanced, right? And we're on a broad scale.

00:10:49:35 - 00:11:00:19

Eric Weinstein

Well, this is the issue. You know, the way I used to say it is, it was between electrons and atoms. The world of atoms stagnated, the world of electrons went crazy.

00:11:00:37 - 00:11:18:18

Joe Rogan

It's actually a very good point, too, in terms of one of the one of the major industries that has to improve every year. Automobiles. Right. And the problem with that is they're so good. Like if you get to like a Tesla level of performance, the idea that you're going to get faster than that is like you.

00:11:18:18 - 00:11:19:35

Eric Weinstein

Don't want it necessarily.

00:11:19:43 - 00:11:28:58

Joe Rogan

You don't want to get that fast. The idea that you could just go to a store and buy a car that will go 0 to 60 in 2 seconds is fucking nuts.

00:11:28:58 - 00:11:29:27

Eric Weinstein

I know.

00:11:29:43 - 00:11:30:37

Joe Rogan

It's nuts.

00:11:31:28 - 00:11:33:45

Eric Weinstein

Well, it's actually a battery in a computer.

00:11:33:59 - 00:11:35:02

Eric Weinstein

Claiming that a car. Right.

00:11:35:29 - 00:11:53:22

Joe Rogan

Exactly. That door I was going to say is they're all reliant on computers now. Yeah, like I really like old cars. I really like You can tinker. Oh, yeah. But it's also I just like that there's a direct connection. Mechanically, you feel a mechanical connection to the gears and the steering. There's something about them that's very satisfying. I do.

00:11:53:25 - 00:12:12:07

Joe Rogan

They don't even have to be fast. They don't have to move fast. Like driving around normally. It's like driving a ride. It's very fun. Whereas with a Tesla, it's just, you know that if you turn the wheel, it'll turn. It'll turn the the actual wheels that are on the road. But you don't feel them. You don't feel that thing.

00:12:12:07 - 00:12:17:06

Joe Rogan

You're just turning a thing and a thing happens. You're not directly connected to it. It's all computers.

00:12:17:06 - 00:12:17:47

Eric Weinstein

Well, it's like all the.

00:12:17:47 - 00:12:20:16

Joe Rogan

New compute, all the new cars rely on computers. If you.

00:12:20:16 - 00:12:24:00

Eric Weinstein

Listen to John Mayer, for example, talking about what's wrong with modeling.

00:12:24:00 - 00:12:25:24

Eric Weinstein

Amplifiers.

00:12:25:24 - 00:12:46:15

Eric Weinstein

You know, you can get \$100,000 worth of equipment in one of these little boxes, but a tube amp is hard to replace because there's something special in analog technology of a different time where you pass current through a pickup. And that magnet, you know, there's magic that happens between wood and magnets and steel, right? All this kind of stuff.

00:12:47:20 - 00:12:51:45

Eric Weinstein

I appreciate an automatic transmission is a thing of beauty, but I'd rather.

00:12:52:45 - 00:13:18:09

Joe Rogan

Yeah, Yeah, it's you don't want to drive one in traffic, but if it's just you enjoying driving, there's nothing like a stick shift. This is where they lose this. The lose the focus with computers. It's like you're taking away one of the best things about driving, which is the enjoyment of driving, and you're replacing it with tenths of a second that no one's going to notice and you really shouldn't notice anyway, because they're all ridiculously fast.

00:13:18:09 - 00:13:20:58

Eric Weinstein

Yeah, but the way that, you know.

00:13:21:14 - 00:13:22:44

Eric Weinstein

This train will not slow down.

00:13:22:44 - 00:13:33:07

Joe Rogan

Well, I get it. But people need to understand just from a human perspective, you will enjoy driving a manual car more if you have any life left.

00:13:33:07 - 00:13:34:11

Eric Weinstein

Right suspension.

00:13:34:12 - 00:13:35:38

Eric Weinstein

If you fucking.

00:13:35:38 - 00:13:38:56

Joe Rogan

Spark left in you when you're on a windy road, you.

00:13:38:56 - 00:13:44:02

Eric Weinstein

Want to go wide. Whenever if you're not driving fast. If I'm not mistaken, the.

00:13:44:02 - 00:13:50:11

Eric Weinstein

Rolls-Royce had to put sound back in because they'd subtract so much sound through their patented insulation.

00:13:50:27 - 00:13:50:36

Eric Weinstein

Them.

00:13:50:52 - 00:13:52:57

Joe Rogan

That's the UAW has done that as well.

00:13:53:02 - 00:13:55:08

Eric Weinstein

Yeah, it's you know, it's not safe.

00:13:55:08 - 00:13:58:15

Eric Weinstein

Well, now you're like you must simulate. It's gross.

00:13:58:16 - 00:14:21:18

Joe Rogan

I know they're talking about doing that for Ferraris because they're going to make an EV Ferrari, so they made an electrical Ferrari. They're talking about making fake Ferrari noises, which is just an atrocious thing to come out of Italy. Stop it. Stop! What the fuck is where you guys are? All passion and and whine and sound? The Ferrari is supposed to be like this high revving.

00:14:21:18 - 00:14:35:22

Joe Rogan

Why? Oh, yeah, there's something about that as it's happening that excites you, right? It's music, it's dance, it's love. It's when we're. It's real. You can't.

00:14:35:22 - 00:14:37:42

Eric Weinstein

Have you had this with the sounds?

00:14:37:42 - 00:14:40:22

Joe Rogan

No. Okay. Nobody wants cars. Don't make any sound. I love.

00:14:40:22 - 00:14:40:31

Eric Weinstein

It.

00:14:40:33 - 00:14:43:30

Eric Weinstein

I get terrified of it because they sneak up behind me.

00:14:43:30 - 00:14:44:42

Joe Rogan

That's. That is an issue.

00:14:44:51 - 00:14:45:57

Eric Weinstein

That is an issue. Okay.

00:14:45:57 - 00:15:11:32

Eric Weinstein

But so getting back to the whole UFO thing and the progress, we don't realize what percentage of life was determined by physics, right? So, for example, Wi-Fi and all the communication is the electromagnetic spectrum, including radio waves. We don't realize the semiconductor which created the logic gate, you know, just we all we did was scale it up and that now it's GPP.

00:15:11:43 - 00:15:14:22

Eric Weinstein

Yeah.

00:15:14:22 - 00:15:24:54

Eric Weinstein

The number of things that have changed the world, whether it's the World Wide Web coming out of CERN, physics is really what has moved the dial, including molecular biology founded by physicists.

00:15:24:54 - 00:15:25:35

Eric Weinstein

More or less.

00:15:26:04 - 00:15:56:00

Eric Weinstein

So when you lose this community, you don't understand like you think, okay, that's some egghead shit. It isn't. Physics is basically progress. Physics created the modern economy and to have a 50 year stagnation, particularly, and I want to draw a really important contrast, 1968 was the year we discovered the quark. So in every proton there are three valence quarks, two of them named up, one of them named down in a neutron.

00:15:56:00 - 00:16:04:48

Eric Weinstein

It's two downs and one up. So that's how we neutrons and protons are not fundamental. When we found the neutron, it was in 1932. So my.

00:16:04:48 - 00:16:05:09

Eric Weinstein

Aunt.

00:16:05:27 - 00:16:06:59

Eric Weinstein

Judy shout out to Judy.

00:16:06:59 - 00:16:09:21

Eric Weinstein

Philadelphia is older.

00:16:09:27 - 00:16:31:44

Eric Weinstein

Than the neutron and the neutron doomed us as a species like that one. Discovery more or less indicated, if we do not leave this world, we will die here in short order. Because if you throw a proton at a very heavy nucleus, it doesn't crash into the nucleus. You get all these protons in the center, they're all positively charged.

00:16:31:44 - 00:16:52:28

Eric Weinstein

And this one guy is coming in, you know, at high speed. And all these massive protons say, you know, like charges repel and this thing just runs away like scaredy cat. A neutron is almost a proton. It's basically the same kind of a deal, but with no charge. So it doesn't understand that you're telling it. You know, go back.

00:16:52:46 - 00:16:54:07

Eric Weinstein

Danger and it just.

00:16:54:07 - 00:17:05:22

Eric Weinstein

Screams in and it can split these nuclei, releasing all of this energy. And then you get these chain reactions with the neutrons radiating out. So in 1932, we discover the neutron.

00:17:06:48 - 00:17:07:06

Eric Weinstein

I think it.

00:17:07:06 - 00:17:21:09

Eric Weinstein

Was by 38, this woman named Lisa Meitner figures out the chain reaction by 42, ten years after the discovery of the Neutron Enrico Fermi and something called Chicago Pile one CP one crazily does a.

00:17:21:09 - 00:17:21:52

Eric Weinstein

Controlled.

00:17:22:24 - 00:17:35:24

Eric Weinstein

Chain reaction under the bleachers of the University of Chicago, shut out the University of Chicago Stadium, which could have obliterated the city of Chicago if it had gone critical, right? I mean, just run away. We don't nobody knew what was going to happen.

00:17:35:33 - 00:17:35:56

Eric Weinstein

Yeah.

00:17:35:58 - 00:18:03:14

Eric Weinstein

So we trusted the city of Chicago to Enrico Fermi's calculation. By 45, you get Trinity in the two bombs we drop on Japan, and then in 1952, game over. You have Ivy, Mike and the first thermonuclear weapon based on the Teller Island design, which uses the fission bomb just for play as the detonator that causes the waves to go out, radiate out against the shell.

00:18:03:14 - 00:18:21:41

Eric Weinstein

And I think we still don't talk about exactly how we do it. And then they bounce off and they compress this rod and core, and then you get fusion rather than fission, and suddenly you're harnessing the power of the sun. And that's when you don't even worry about ducking cover because thermonuclear is such a leap above nuke, above fission devices.

00:18:22:24 - 00:18:33:28

Eric Weinstein

And that's such a leap above conventional that it takes 20 years for us to become God. Right? And this power we can't control.

00:18:33:28 - 00:18:34:06

Eric Weinstein

We need to.

00:18:34:06 - 00:19:09:09

Eric Weinstein

Worry about physics because you never know when somebody is going to discover a neutron. In other words, a high leverage object, just like the semiconductor was a high leverage object. The World Wide Web in the early nineties was the high leverage object. Anything that comes out of physics. Oh, and you know, Francis Crick, physicists discovering the three dimensional structure of DNA and then the transfer hypothesis where you translate DNA into messenger RNA, which gets read and ribosomes, all of these things changed the world and effectively gave us so much power.

00:19:09:43 - 00:19:10:37

Eric Weinstein

That we don't.

00:19:10:37 - 00:19:36:21

Eric Weinstein

Know how to control it. And we were so scared for 70 years because it's six months between 1952 and 53 where we discover both the atom and the cell and how they work in terms of forbidden knowledge. We were so scared that we behaved ourselves and now we're not scared. We're like, Slava, Ukraine, just whatever.

00:19:37:21 - 00:19:39:57

Eric Weinstein

Yeah, we've got Putin. We're going to back him into a corner.

00:19:40:54 - 00:19:53:04

Joe Rogan

Yeah, we should probably say that this is actually the day that we're talking about. This is the day that Putin just backed out of the nuclear treaty publicly. Just not good.

00:19:53:04 - 00:19:53:33

Eric Weinstein

With.

00:19:53:33 - 00:20:03:55

Eric Weinstein

Joe Biden going to Kiev and pledging his undying love to and I'm going to say this, which is very painful. I think Zelinski is.

00:20:03:55 - 00:20:04:58

Eric Weinstein

A complete menace.

00:20:06:12 - 00:20:07:03

Joe Rogan
Why do you think that.

00:20:08:00 - 00:20:08:22

Eric Weinstein
He's.

00:20:08:49 - 00:20:32:49

Eric Weinstein

Romantic, he's telegenic, he's brave. We can talk about whether he got set up in a coup or, you know, who he really is, what he was an actor, etc., etc.. But at some point I think I heard him. I had to go back to like the Russian and Ukrainian speeches in order to try to I don't speak much Russian and don't speak any Ukrainian, but they're closely related languages.

00:20:33:21 - 00:20:49:10

Eric Weinstein

And he calls for like preventive meat daddy, like preventative strikes. You know, this is while there's a while ago and I thought, why is this person allowed to address Congress you have somebody.

00:20:49:17 - 00:20:51:07

Eric Weinstein
Who and I.

00:20:51:07 - 00:20:52:08

Eric Weinstein

Want to be very clear about.

00:20:52:08 - 00:20:52:24

Eric Weinstein
This.

00:20:54:12 - 00:20:57:03

Eric Weinstein

I really find it disgusting what Vladimir Putin.

00:20:57:03 - 00:21:02:47

Eric Weinstein

Did invading Ukraine. But if you look historically at.

00:21:02:47 - 00:21:14:45

Eric Weinstein

The killing and the borders of Eastern and Central Europe, they have gone back and forth like nobody's business. When you ask somebody like me, an American, Ashkenazi Jew, where did your.

00:21:14:45 - 00:21:15:37

Eric Weinstein

Family come from?

00:21:16:06 - 00:21:23:09

Eric Weinstein

You get the same weird response. It's like, Oh, it was a part of Belarus here that went back and forth between Poland, Ukraine, Moldova.

00:21:23:51 - 00:21:24:09

Eric Weinstein

You know.

00:21:24:09 - 00:21:24:50

Eric Weinstein

Lithuania.

00:21:25:13 - 00:21:26:56

Eric Weinstein

Because it's fluid.

00:21:27:54 - 00:21:29:02

Eric Weinstein

Right? And so when we say, you know.

00:21:29:02 - 00:21:29:41

Eric Weinstein

We.

00:21:29:45 - 00:21:34:44

Eric Weinstein

Respect the territorial integrity of Ukraine, we were fighting right now in.

00:21:34:44 - 00:21:35:24

Eric Weinstein

Lvov.

00:21:35:51 - 00:22:02:02

Eric Weinstein

Think the Ukrainians were fighting in Lvov. 8 seconds by hypersonic missile from Article five territory since 1999 in Poland. And I realized how crazy we got. I was in Providence, Rhode Island, with my son, and I get this alert on my phone and it says, Two people are dead in Poland with a presumptive strike by a Russian missile.

00:22:02:40 - 00:22:03:18

Eric Weinstein

I'm thinking.

00:22:04:28 - 00:22:06:28

Eric Weinstein

Did I read to.

00:22:06:41 - 00:22:30:48

Eric Weinstein

Polish people dead in an Article five full NATO member since 1999 with a Russian missile? Because I knew we were fighting way too close to this border. Now, by the way, if I say Lvov, everyone's going to correct me and say, No, no, Eric, it's the Vive. It's like, No, this split. These cities all have multiple pronunciations. I always thought of Lvov was a Polish city, not a Ukrainian city.

00:22:31:08 - 00:22:50:11

Eric Weinstein

And ironically, I believe Lvov is the birthplace of Stanislaw Oolong, who came up with the teller on thermonuclear design. So we're talking about some of the world's smartest people on some of the world's bloodiest, most disgusting, most beautiful land, you know. Have you ever been to Ukraine?

00:22:50:11 - 00:22:50:34

Eric Weinstein

No.

00:22:52:06 - 00:23:20:22

Eric Weinstein

So my family basically is scattered. You know, we're scattered throughout the shtetls of Ukraine. And I've been over there. And in 89, we Americans do not understand Central and Eastern Europe, period, the end. And for us to be making these commitments and not understanding how Russians think and how Ukrainians think and how Poles think and how the fighting works, I don't think we know what we're doing.

00:23:20:27 - 00:23:24:09

Eric Weinstein

I think we're creating a doomsday machine. And I the reason that.

00:23:24:09 - 00:23:25:15

Eric Weinstein

We you know, it's.

00:23:25:15 - 00:23:26:16

Eric Weinstein

Not like Zelensky isn't.

00:23:26:16 - 00:23:27:46

Eric Weinstein

Wronged by Putin.

00:23:28:44 - 00:23:38:52

Eric Weinstein

It's not like he's not charismatic. He has one of the greatest Bruce Willis lines of all time. When we asked to evacuate him, he says, I need ammunition.

00:23:39:43 - 00:23:40:31

Eric Weinstein

Not a ride.

00:23:40:39 - 00:23:42:37

Eric Weinstein

You know, that thing makes us.

00:23:42:57 - 00:23:43:51

Eric Weinstein

Yeah, yeah.

00:23:43:53 - 00:24:01:21

Eric Weinstein

I want that. When there's, like house to house fighting the way all the World War two enthusiasts think that they tend not to think about Nagasaki and Hiroshima. They like the the tactical stuff with all the, you know, which bridge got that taken out over which river and how did we do this. So it's very romantic to people who are like World War Two addicts.

00:24:02:24 - 00:24:22:39

Eric Weinstein

We do not realize how deep the trouble we're courting is, and I don't think we realize how dangerous it is if we are going to every time there's a border dispute, go to a thermonuclear, you know, standoff. It's just Russian roulette with smaller and smaller numbers of empty chambers.

00:24:24:19 - 00:24:25:01

Eric Weinstein

And I don't.

00:24:25:01 - 00:24:39:07

Eric Weinstein

Know what this is. I don't know whether we have 30 years to play this game or three or three months. But I learned that day last year in 2022, nobody around me in Providence, Rhode Island, was reacting.

00:24:39:54 - 00:24:44:28

Eric Weinstein

Everybody's just going about was like a normal day. It's like, yeah.

00:24:44:45 - 00:25:11:42

Eric Weinstein

I'm I'm increasingly Joe believing that I am sane and that the world is crazy. And normally I take that as a cue that maybe I need to get some sleep. Now, I think we're actually just going crazy. I think that those of us who actually get how risky this is need to speak up because it's not fun. The entire apparatus will tell you that you're soft on Putin and you're appeasing Chamberlain want to be and it's like bullshit right now.

00:25:11:42 - 00:25:32:40

Eric Weinstein

You don't realize in 2004 we let Latvia and Lithuania intimate NATO membership. And I remember thinking at the time, What the hell are we doing? It's not like I don't understand that we want to protect them. It's not like I don't understand that you want to say that they're independent nations, but these were former Soviet republics, and there's two ways of thinking about it.

00:25:32:40 - 00:25:47:11

Eric Weinstein

You can put on one set of glasses and say, Well, these are nations that get to decide what they want and who's to tell them what to do. And then there's another thing called spheres of influence, where it's like, that's the Russian sphere of influence. If you are not playing with both of these sets of lenses, you're not playing the game.

00:25:47:52 - 00:26:04:12

Eric Weinstein

And the number of people who just have one set of these glasses on, right? They're only seeing the infrared or they're only seeing the ultraviolet. It's like, No, you need to oscillate back and forth and understand what you're doing. So I think I think Zelensky and I'm scared to say this because I know I'm going to get just nothing but heat.

00:26:05:33 - 00:26:22:37

Eric Weinstein

We created a situation by pretending that we didn't understand the spheres of influence glasses. We very well understand the sovereignty glasses and we are now creating a doomsday machine that we do not understand. And the world is going to go multipolar and we don't have the skill to play this game, period.

00:26:23:25 - 00:26:50:04

Joe Rogan

Do you think part of the problem is that we're the amount of people that have actually gone to war in this country? First of all, there's there's people that are in the Army or in all the armed forces. They're volunteers. Everyone volunteers. There's no draft. There's no national requirement to join the military like there is in Israel and like there is in South Korea and many other countries.

00:26:50:54 - 00:27:09:21

Joe Rogan

We, the people that have experience with the war are the ones that are telling you that this is dangerous. People like yourself are telling us this is dangerous. Put to the rest of the world, to the rest of this country. There's a real problem with day to day existence, because day to day existence is tricky and it gives you parameters which you exist in.

00:27:09:21 - 00:27:27:18

Joe Rogan

But they're not real. They're not real. They're not real. They're only real right now. And if you invite war, you now are like these videos that you can watch. I don't know if you're on Telegram, there are some fucking videos from this war on, like in the woods, ground fighting.

00:27:27:18 - 00:27:27:54

Eric Weinstein

I've seen them.

00:27:28:03 - 00:27:44:51

Joe Rogan

Heavy, heavy shit. And I don't think people that show up every day at the same Starbucks and then get on the highway and go to their office and repeat every fucking day. I don't think they think of that as a real option in the world, but it is.

00:27:44:51 - 00:27:46:22

Eric Weinstein

I think of daily life as ketamine.

00:27:47:18 - 00:27:47:34

Eric Weinstein

Okay.

00:27:48:09 - 00:27:55:33

Eric Weinstein

So you've got people walking around completely dissociated because everything in their daily environment tells them to pick up the dry cleaning.

00:27:55:55 - 00:27:58:18

Eric Weinstein

Right? And you know, Oh.

00:27:58:37 - 00:27:59:18

Joe Rogan

Everything's fine.

00:27:59:40 - 00:28:04:22

Eric Weinstein

Well, what's on Netflix? Yeah, At least in.

00:28:04:22 - 00:28:15:41

Eric Weinstein

The Cuban Missile Crisis, my father was driving across country. I said you knew it was the news that everybody knew was Cuban Missile Crisis. Every single town that he drove through, he would stop and the TV would be on.

00:28:15:41 - 00:28:17:06

Eric Weinstein

People were talking about it. Right?

00:28:17:45 - 00:28:30:57

Eric Weinstein

We are in some world where and I think that we have to just talk about the fact that the United States is attacking ordinary, intelligent human beings by depriving them of any basic knowledge.

00:28:32:07 - 00:28:32:36

Eric Weinstein

Of.

00:28:33:37 - 00:28:50:00

Eric Weinstein

What is actually going on. We don't know what happened with the origin of COVID. We have no idea about Epstein. We don't know what's going on with the vaccines. We don't understand the source of the inflation. We blinded ourselves from looking at the M1 monetary aggregate when the Fed pumped us full of cheap cash.

00:28:50:36 - 00:28:51:59

Eric Weinstein
We have no clue.

00:28:52:24 - 00:28:56:09
Eric Weinstein
How to resolve, you know, something as dumb as the.

00:28:57:05 - 00:28:58:08
Eric Weinstein
Yo to whom did.

00:28:58:08 - 00:29:00:38
Eric Weinstein
Did killing traffic.

00:29:00:38 - 00:29:02:27
Joe Rogan
You can't find it signed by.

00:29:02:38 - 00:29:20:27
Eric Weinstein
So this is what's causing in part our friends to go crazy. You know several years ago Sam Harris had good input. Jordan Harrison. Jordan Peterson had good input. Bret Weinstein had good input. Most of them I don't think, have figured.

00:29:20:27 - 00:29:20:49
Eric Weinstein
Out.

00:29:21:50 - 00:29:40:13
Eric Weinstein
That they're starved for information and that they're going to say something very hetero heterodox to the heterodoxy. The heterodox. He was never meant to take over for the orthodoxy. The orthodoxy was something that needed correction. The purpose of that heterodoxy is to set your 12 degrees off. You're three degrees off.

00:29:41:20 - 00:29:41:47
Eric Weinstein
What do you.

00:29:41:47 - 00:29:44:22
Eric Weinstein
Do when you're like 168 degrees.

00:29:44:22 - 00:29:45:43

Eric Weinstein

Off an all?

00:29:45:43 - 00:29:50:18

Eric Weinstein

You know, like the fine tuning that heterodoxy can do is not sufficient to correct the ship.

00:29:50:51 - 00:29:52:04

Eric Weinstein

And what we're being what's.

00:29:52:04 - 00:29:57:41

Eric Weinstein

Happening to us and I said this to Sam at a dinner with Dave Rubin right before Trump took over. I said, Sam, if.

00:29:57:41 - 00:29:58:35

Eric Weinstein

You don't take.

00:29:58:49 - 00:30:19:21

Eric Weinstein

A different approach to Trump, he's going to blow out your circuits. You say, What do you mean? I said, Well, for every ambiguous thing that you can't resolve with Trump, raise to to that power. So if he puts three ambiguities in a series, you have two to the third possibilities of what could be true.

00:30:20:07 - 00:30:20:43

Eric Weinstein

That's eight.

00:30:21:41 - 00:30:42:25

Eric Weinstein

He can create a decision tree that explodes faster than you. Sam Harris can think, right. There's no way you can get to two to the fourth possibilities on a decision tree. I don't think he understood the perspective. And so what happened was we were all swimming in this world where nobody could tell which end was up. Nobody can resolve anything.

00:30:43:08 - 00:30:44:45

Eric Weinstein

And I think a lot of this has to do.

00:30:44:45 - 00:30:46:51

Joe Rogan

Not sure I understand what you were just saying there.

00:30:47:06 - 00:30:47:52

Eric Weinstein

Doc.

00:30:47:52 - 00:30:52:31

Joe Rogan

That this decision tree thing that that Sam he's going to explain that.

00:30:52:39 - 00:30:59:24

Eric Weinstein

So let's imagine, for example, that I'm staying at a local hotel, okay? And you don't know whether I'm staying at the Hyatt or the Four Seasons.

00:30:59:24 - 00:30:59:43

Eric Weinstein

Okay.

00:30:59:47 - 00:31:04:53

Eric Weinstein

And you also can't figure out whether I'm leaving at 1:00 or two.

00:31:04:53 - 00:31:07:54

Eric Weinstein

O'clock and you don't know.

00:31:07:55 - 00:31:13:30

Eric Weinstein

Whether I'm going to be arriving by a white Prius or a black.

00:31:13:44 - 00:31:17:18

Eric Weinstein

Escalate. You now have.

00:31:17:18 - 00:31:29:11

Eric Weinstein

Too many possibilities as to, well, what's the drive time for those two hotels is different. I don't know which car I'm looking for. There are eight possible it is now of what could actually be happening, cause those are all independent.

00:31:29:13 - 00:31:29:33

Joe Rogan

Right.

00:31:30:41 - 00:31:37:48

Eric Weinstein

When Trump created ambiguities or now the Biden group is creating ambiguities by not telling us what's actually going on.

00:31:37:48 - 00:31:38:25

Eric Weinstein

You don't know.

00:31:38:25 - 00:31:48:21

Eric Weinstein

How serious this is. Palestine, Ohio spill. Is this something that's going to burn off pretty easily or is this getting into the corn crop that's going to be found in all processed food?

00:31:48:21 - 00:31:49:53

Eric Weinstein

I don't know. I don't know.

00:31:50:00 - 00:31:51:10

Joe Rogan

It's a very good question. Right.

00:31:51:16 - 00:31:57:37

Eric Weinstein

Okay. So just every day you're being assaulted by completely unnecessary ambiguities.

00:31:58:39 - 00:31:59:40

Eric Weinstein

And, you know, this is.

00:32:00:19 - 00:32:07:33

Joe Rogan

But why? Why then the Trump thing, why his why would his derangement towards Trump?

00:32:08:07 - 00:32:08:36

Eric Weinstein

Well, because.

00:32:08:36 - 00:32:09:34

Joe Rogan

Low circuits.

00:32:09:45 - 00:32:16:49

Eric Weinstein

Sam made one terrible call with Trump. He said that he was the evil Chauncey Gardiner, like a simpleton, like Mr..

00:32:16:49 - 00:32:17:18

Eric Weinstein

Magoo.

00:32:17:43 - 00:32:35:25

Eric Weinstein

Just happens to wander into the Oval Office as the first No. First president with zero government experience, including the armed services Bullshit. Trump may be a savant, but he was brilliant, absolutely brilliant. If you do not give that devil its due your toast.

00:32:35:47 - 00:32:57:38

Joe Rogan

Yeah. It's silly to say that he's dumb because he's different. He says some dumb stuff sometimes, but oftentimes he's talking off the top of his head. Oh, I don't know. Maybe use some bleach, clean it out. Remember that exact symbol. But meanwhile, one of the things that he said about using light, right. It actually they came up with a process of doing that.

00:32:58:08 - 00:33:14:20

Joe Rogan

There was an actual procedure that they would use where they use ultraviolet light inside a person's lungs and kill the COVID virus. This is like a a concept that they were actually putting forth as being possible. So what he said, even though it sounds ridiculous, right, get light into the body, actually.

00:33:14:42 - 00:33:19:01

Eric Weinstein

I know actually was right, but that's the thing. So then a bunch of people said, okay, right, I'm.

00:33:19:01 - 00:33:22:03

Eric Weinstein

Going to put a minus sign in front of Trump. Everything that he says is just.

00:33:22:03 - 00:33:23:40

Eric Weinstein

Wrong to do that.

00:33:23:40 - 00:33:27:30

Eric Weinstein

Well, they did this to Alex Jones and James O'Keefe, and they'll do it to you and me.

00:33:27:39 - 00:33:28:06

Eric Weinstein

If he does.

00:33:28:06 - 00:33:37:33

Joe Rogan

It. Definitely not me. Did you have to? Definitely. Don't you do. It's a thing that people do it just because someone and I say dumb things all the time, constantly. My kids never.

00:33:37:51 - 00:33:38:22

Eric Weinstein

I never do.

00:33:38:40 - 00:33:49:24

Joe Rogan

I am always saying dumb things because I talk sometimes before I totally think. But then I go, Oh, wait a minute, that does make sense. And then I'll correct it. Like I'm I'm trying not to be married to my thoughts. There's a real.

00:33:49:24 - 00:33:50:25

Eric Weinstein

Problem and you're great.

00:33:50:25 - 00:34:06:57

Joe Rogan

At this. But that was a real problem because I recognize my fucking shortcoming. Me too. You know, I know that I am. I'm scattered, okay? Because I do a lot of different things and I'm thinking about things that are totally unnecessary, like professional pool matches. Like, I think about that all the time. I got to your position on that six ball.

00:34:06:57 - 00:34:23:20

Joe Rogan

It's crazy, and I'll think about that when I'm driving my car. So like I'm a scatterbrain in a lot of ways. So sometimes what I'm talking, I'm, I'm there, but I'm not like fully formed in these thoughts. I'm just trying to talk them out in real time. Right? And you get clumsy with that.

00:34:23:20 - 00:34:24:19

Eric Weinstein

And when you.

00:34:24:59 - 00:34:49:40

Joe Rogan

Concentrate on something, you get really good at it. And if you concentrate on something and try and improve on something, whether it's playing chess or whether it is business, you get really good at it. And in the meanwhile, you might not be good at interpersonal relationships, you might not be good at the way you communicate with people. You might not be good at, but you have some weird thing that you're doing that seems to be successful and you're you're putting all your energy into that.

00:34:49:49 - 00:35:00:39

Joe Rogan

That's what he's doing. That's what he's always done. What he's always done is like these business deals and making money and putting a fucking giant hotel with his name on it. Whoa. Like that's what he thinks about.

00:35:01:06 - 00:35:02:56

Eric Weinstein

And he's not strategic shit.

00:35:02:56 - 00:35:04:03

Eric Weinstein

I would say he's tactical.

00:35:04:03 - 00:35:04:49

Eric Weinstein

Yeah, extreme.

00:35:05:04 - 00:35:17:09

Joe Rogan

You can't say he's not smart. It's just like he's. He's just not Sam Harris. He's not capable of those kind of eloquent speeches and conversations off off the cuff like that, which is a totally different skill.

00:35:17:09 - 00:35:17:25

Eric Weinstein

But if you.

00:35:17:25 - 00:35:26:10

Eric Weinstein

Looked at his tweets, for example, back in the day, there was so much formula in those tweets. I started coming up with a template. He had five different tweets.

00:35:26:10 - 00:35:26:24

Eric Weinstein

Yeah.

00:35:27:00 - 00:35:34:39

Eric Weinstein

And Sam just would not let go of the idea that he's a dumb dumb and that was super expensive in the long run.

00:35:34:48 - 00:35:41:34

Joe Rogan

But I think it's because Sam knows that if you get in a debate with that guy, he could trounce him. Part of it is that you.

00:35:41:34 - 00:35:42:59

Eric Weinstein

Think you think, yes, Sam.

00:35:42:59 - 00:35:43:42

Eric Weinstein

Could transcend.

00:35:44:38 - 00:36:07:03

Joe Rogan

If they got in a debate about religion. He got a debate about about certain things that Sam is like neuroscience, certain things that Sam is very educated in. He's he's so good at debates. It's like being a black belt that's used to tapping people all the time. And then you see this guy that's he's winning debates against people because he's calling them like, what is he called Lion Ted?

00:36:07:03 - 00:36:16:44

Joe Rogan

And he calls it gives people nicknames. And and I think if I was Sam and I was as good as debate debate as Sam is so I could fuck this guy up.

00:36:17:33 - 00:36:22:10

Eric Weinstein

Sam doesn't know what's coming to him, if that's true. Because I mean, there was a guy named Max Bleacher was.

00:36:22:10 - 00:36:22:49

Joe Rogan

I'm sorry, Sam.

00:36:22:49 - 00:36:31:46

Eric Weinstein

Dragging us was a who is a Los Angeles attorney who had a crazy idea. He said, I'm going to try really complex antitrust cases in front of juries.

00:36:32:34 - 00:36:33:41

Eric Weinstein

Like Drew's not gonna.

00:36:33:41 - 00:36:34:51

Eric Weinstein

Be able to follow that. He's like.

00:36:34:53 - 00:36:39:12

Eric Weinstein

Exactly. I don't speak simply like one way to.

00:36:39:12 - 00:36:44:04

Eric Weinstein

Win one of these arguments is just say, you know, the problem is the nuclear family.

00:36:44:47 - 00:36:45:34

Eric Weinstein

Right? And every.

00:36:45:34 - 00:36:46:21

Eric Weinstein

Single Democrat will.

00:36:46:21 - 00:36:51:45

Eric Weinstein

Say, you mean nuclear and then you've lost. Because when you.

00:36:51:46 - 00:36:56:54

Eric Weinstein

Correct somebody who's saying nuclear, we're like, okay, it's nuclear egghead.

00:36:56:54 - 00:36:57:30

Eric Weinstein

You lose.

00:36:57:32 - 00:37:00:10

Joe Rogan

Nuclear is a way to say it, too.

00:37:00:10 - 00:37:00:32

Eric Weinstein

It is.

00:37:00:32 - 00:37:00:50

Eric Weinstein

Now.

00:37:01:15 - 00:37:06:52

Joe Rogan

So that's how that's how George W Bush always said it. And everybody's like, hey, what the Dennis Miller had a bit about it.

00:37:07:21 - 00:37:08:40

Eric Weinstein

But it wins, right?

00:37:08:52 - 00:37:22:58

Eric Weinstein

So this is why if you sit down with one of these, like if you and I are at the beach, right. And we've got the world's greatest beach volleyball team on one side in the world's greatest spectacle team, on the other side, it's a ball, it's a net. It's three, three, three dudes.

00:37:22:58 - 00:37:28:37

Eric Weinstein

Okay, Okay. Who wins? The people that are better? Nope. Who?

00:37:28:44 - 00:37:37:17

Eric Weinstein

Depends what the ref is. If the ref thinks it's volleyball, then the volleyball team will win. And if. If the ref thinks it's Deepak Tucker that c back, Tucker hooked him. It's the same.

00:37:37:39 - 00:37:39:19

Joe Rogan

I don't know what cpac tuckahoe is.

00:37:39:59 - 00:37:48:52

Eric Weinstein

Oh, it's like the most beautiful. You know that. Yeah. What is it? It's similar to the thing with that ball that we have out there that, oh, you like one of these cases?

00:37:48:52 - 00:37:50:27

Joe Rogan

Oh, okay.

00:37:50:30 - 00:37:52:46

Eric Weinstein

That's like martial arts ballet in the.

00:37:52:46 - 00:37:54:57

Eric Weinstein

Air with the Navy. It's the it's, it's.

00:37:54:57 - 00:37:57:28

Eric Weinstein

The best game ever. I don't know why we're not doing anything right.

00:37:57:30 - 00:37:59:58

Joe Rogan

Well, we can't do it. Those guys are fucking.

00:37:59:58 - 00:38:02:16

Eric Weinstein

I destroyed my left ankle on this game.

00:38:02:16 - 00:38:04:31

Joe Rogan

Oh, you can't be doing that. You can't? No, no, no.

00:38:04:31 - 00:38:09:30

Eric Weinstein

I was a young man. I was caught in my wife. I was going to a presser in Indonesia show like, let an American take over.

00:38:09:30 - 00:38:10:33

Eric Weinstein

Okay, here we go. These guys.

00:38:10:33 - 00:38:19:25

Joe Rogan

Are. These guys are phenomenal. Okay, That is insane. I mean, that's like a hundred year Rodriguez is out there. Yeah. Rodriguez Is a UFC fighter.

00:38:19:27 - 00:38:28:13

Eric Weinstein

Fights like I almost did it with boxing versus UFC. Right. Is the issue punching people in the face or is the issue doing everything except for small joints and eye sockets?

00:38:28:37 - 00:38:38:06

Joe Rogan

That kind of thing, though, requires like a kind of dexterity that's very difficult to acquire. That kind of dexterity with your legs. That's like a tight window next.

00:38:38:06 - 00:38:48:01

Eric Weinstein

200%. The question is, what are the rules? So in other words, if if Sam Harris goes up against Donald Trump, I can tell you who's going to win. Depending upon how we score.

00:38:48:01 - 00:39:07:44

Joe Rogan

Okay, what if what if they have a conversation instead of like having this this here's what I don't like about debates. Yeah, this what's so artificial is that one person gets to talk for X amount of time. Yeah, it seems silly to me and I don't mind someone being able to talk, but it has to be a conversation.

00:39:07:44 - 00:39:15:19

Joe Rogan

Someone cannot dominate the conversation like you and I. If you and I had a disagreement and I just wouldn't let you talk, it's very frustrating. It sucks. It's not good for anybody.

00:39:15:21 - 00:39:17:11

Eric Weinstein

More likely to go the other way. I'm so it could.

00:39:17:11 - 00:39:37:46

Joe Rogan

Happen that way. It could happen that way. But it doesn't matter. It's like it's not fun and it's not it's not fair. And if you're going to have it's like a fight. You can't I can poke you in the eye, but you can't put me in the know. That's not fair, right? It has to be fair. So if you're going to have a and some would say, well, he's not capable of having a good faith conversation, but that's the only way to do it.

00:39:38:02 - 00:39:46:58

Joe Rogan

The only way to do it is to have an open ended time frame where you could just until this fucking thing is resolved, until we all give up, you guys can talk.

00:39:46:58 - 00:39:48:05

Eric Weinstein

Was Dick Fosbury Fair?

00:39:49:08 - 00:39:49:57

Eric Weinstein

Who's Dick Fosbury?

00:39:50:04 - 00:39:52:24

Eric Weinstein
The high jump guy from 68 Mexico City.

00:39:52:57 - 00:39:54:00
Joe Rogan
I don't know what happened.

00:39:54:16 - 00:39:55:22
Eric Weinstein
Oh, he figured.

00:39:55:37 - 00:39:58:34
Eric Weinstein
You had to go backwards over the bar rather than scissoring it.

00:39:58:36 - 00:40:02:13
Eric Weinstein
Oh, he's the first guy to figure that out. Yeah. Oh, no kidding. Right.

00:40:02:20 - 00:40:04:20
Joe Rogan
That's a pretty fucking bold move.

00:40:04:24 - 00:40:06:01
Eric Weinstein
Was bold move. Really? You enter a.

00:40:06:01 - 00:40:08:02
Eric Weinstein
Catamaran in the America's Cup.

00:40:08:38 - 00:40:15:52
Joe Rogan
Because you have the same big pad. Yeah, So they have the same big pad before, and they were just landing on it like that. Oh, wow. That's crazy.

00:40:15:52 - 00:40:21:16
Eric Weinstein
Right? Whoa, That's insane. That's how they used to do it. Yeah. Wow.

00:40:21:16 - 00:40:23:11
Eric Weinstein
Right. So zero Day exploit.

00:40:23:15 - 00:40:24:57

Eric Weinstein

Did you know this? Did you?

00:40:25:01 - 00:40:27:54

Joe Rogan

I feel like I knew this and I remember jokes.

00:40:27:54 - 00:40:31:04

Eric Weinstein

I've heard of that, but I didn't. I didn't know how they did it. But you really shit.

00:40:31:31 - 00:40:54:07

Eric Weinstein

At the same Olympics, you have Bob Beamon jumping like, what are the two feet? Are humans like probably the greatest single athletic performance of the 20th century out there. But zero day exploits are really interesting. Another one was the Bombay International Table Tennis Championship, and the weakest player on the Japanese team was a guy. I mean, to get the name wrong here, Jamie, keep me honest here.

00:40:54:23 - 00:41:00:36

Eric Weinstein

Hiroshi Sato, he shows up in Bombay and he's like the worst player.

00:41:00:55 - 00:41:01:16

Eric Weinstein

And he.

00:41:01:28 - 00:41:11:11

Eric Weinstein

He's got the secret paddle case and he unzips it and he's got rubber glued to both sides of the sandpaper bat that everybody else is.

00:41:11:11 - 00:41:11:34

Eric Weinstein

Using.

00:41:12:27 - 00:41:20:00

Eric Weinstein

And he dominates everybody. And you think because the rubber grips and spins but I think it's actually that everyone was cued to the.

00:41:20:00 - 00:41:22:48

Eric Weinstein

Sound and this deaden the sound.

00:41:23:18 - 00:41:27:18

Eric Weinstein

And suddenly nobody could play against him and said, you know, so he's like Iron Man.

00:41:27:37 - 00:41:31:22

Joe Rogan

Right? They're thinking they have another thing that they're thinking about now, like, why does it sound they.

00:41:31:22 - 00:41:36:37

Eric Weinstein

Don't even know that, Right? Interesting. Okay.

00:41:36:54 - 00:41:47:07

Joe Rogan

Herostratus controversial sponge baths that caused a revolution in table tennis, but also wouldn't it slow the ball down because of the softness of it?

00:41:47:51 - 00:41:49:53

Eric Weinstein

I would imagine it would give you more control.

00:41:50:15 - 00:42:08:49

Joe Rogan

It seems like it would do both of those things. Maybe it would slow the ball down a little bit because it's got a little bit of smush to it. And I think that would almost be like a change up in like a pitching situation where someone's throwing a ball. You're expecting it to be 90 miles an hour instead of 60 and you're like, motherfucker, look, you're just you're you're off, right?

00:42:08:51 - 00:42:15:30

Joe Rogan

Because you have to be so ready to go and did it. And it's slower than it should be. So it's fucking with your computer.

00:42:15:34 - 00:42:16:17

Eric Weinstein

And I think I think the.

00:42:16:17 - 00:42:26:25

Eric Weinstein

Chinese came up with the loop in table tennis, believe that in beach volleyball, the jumping serve where you you go airborne and then you.

00:42:26:33 - 00:42:28:49

Eric Weinstein

Hit these, these.

00:42:29:24 - 00:42:49:26

Eric Weinstein

Discrete technical changes. Well let's take the one with Steph Curry I heard I wish I could remember who this was somebody in your audience so know there was an old style top basketball player being interviewed. What do you think of this guy, Steph Curry and what's happened in the game? And he said something so beautiful, I can't tell you something to the effect of.

00:42:49:48 - 00:42:52:30

Eric Weinstein

You know, I don't know what game it is. He said.

00:42:52:30 - 00:42:54:00

Eric Weinstein

I used to play in the paint.

00:42:54:02 - 00:42:55:58

Eric Weinstein

We were all, you know, we're going.

00:42:55:58 - 00:42:56:20

Eric Weinstein

At it.

00:42:56:20 - 00:42:56:31

Eric Weinstein

And.

00:42:56:51 - 00:43:03:23

Eric Weinstein

Elbowing and trying to get position. This guy's a million miles away from the basket and he's just nothing but net.

00:43:04:06 - 00:43:05:16

Eric Weinstein

He said, That's not.

00:43:05:16 - 00:43:10:22

Eric Weinstein

Basketball to me. Like he just didn't recognize what the thing had become.

00:43:10:24 - 00:43:11:16

Joe Rogan

Oh, that's so weird.

00:43:11:42 - 00:43:28:40

Eric Weinstein

And so I think these zero day exploits and just take him back to get to the to the UFOs because we have crazy stuff. The neutron is a zero day exploit. It's the Fosbury flop of physics. Same for the semiconductor And we have stagnated.

00:43:28:40 - 00:43:30:32

Eric Weinstein

For so long that.

00:43:30:32 - 00:43:44:13

Eric Weinstein

People in our government aren't watching people like me and saying, What's going on, Eric? Anything new and what are you working on? Because anybody who comes up with a new thing can change the entire balance of power on planet Earth.

00:43:45:34 - 00:43:50:13

Joe Rogan

How far away are we from new things and have new things been?

00:43:50:13 - 00:43:53:29

Eric Weinstein

Can't ask me that because I have a different view than every other person I want to get back to.

00:43:53:33 - 00:43:57:28

Joe Rogan

You ask you, Let's do it. Don't tell me what I can ask you. Now. I'm asking you that, bro.

00:43:57:37 - 00:44:00:16

Eric Weinstein

Okay?

00:44:00:16 - 00:44:02:36

Joe Rogan

Just keep going. We'll get back to me.

00:44:03:06 - 00:44:03:28

Eric Weinstein

Yeah, you.

00:44:03:28 - 00:44:09:10

Eric Weinstein

Can ask me at the end, but I want to do the stuff that's controversial but is like everybody should have to agree to.

00:44:09:10 - 00:44:10:22

Joe Rogan

Okay, Okay, let's go.

00:44:10:57 - 00:44:36:12

Eric Weinstein

So what I wanted to know was why, during the 1950s, did something happen that resulted in a 70 year stagnation in a field called quantum gravity? Quantum gravity is like a startup that cannot ship a product after 70 years and it's still taken over in theoretical physics is sort of the prestige theory field.

00:44:36:52 - 00:44:42:00

Joe Rogan

In quantum gravity is there an application for this that they were attempting to.

00:44:42:00 - 00:44:47:49

Eric Weinstein

Achieve? No, it's not a.

00:44:48:23 - 00:44:56:34

Eric Weinstein

It's not a precursor to technology so far as we know. But what happened was you probably have some dim memory of something. By the way, these are shooting stars and you're seeing it.

00:44:56:34 - 00:44:58:17

Joe Rogan

Yeah, Yeah. You got to be warned.

00:44:58:39 - 00:44:59:06

Eric Weinstein

Otherwise, you're.

00:44:59:06 - 00:45:01:48

Joe Rogan

Like, Oh.

00:45:01:48 - 00:45:02:11

Eric Weinstein
Quantum.

00:45:02:11 - 00:45:26:54

Eric Weinstein

Gravity is the replacement of something for as a replacement for something that used to be known as the unified field. So Einstein wasn't chasing quantum gravity, He was chasing unified field theory. And the unified field theory was much closer to what we would call classical physics, where you get quantum field theory by quantization, a classical theory that fell out of favor.

00:45:27:55 - 00:45:30:27

Eric Weinstein

And where in 1984.

00:45:31:13 - 00:45:56:20

Eric Weinstein

We gradually had unified field theory become sort of like a joke old timey expression for the future of physics. And we substituted quantum gravity for the merger of quantum theory, quantum field theory, quantum mechanics and gravitational physics under general relativity. That program, that dog doesn't hunt and it hasn't hunted for 70 years. So I wanted to trace this back.

00:45:56:40 - 00:46:13:31

Eric Weinstein

How is it that the field became convinced that something which clearly doesn't seem to work and has had all of the resources, all of the best minds at its disposal, sucks up everything and it just doesn't work. Why can't I question this? Where did this come from?

00:46:13:53 - 00:46:23:13

Joe Rogan

So to be specific, how many people are working on this problem and how many people have been working on this problem for 70 years without progress?

00:46:23:15 - 00:46:31:44

Eric Weinstein

I would say that the period between 1953 and 73, there are parallel things. Quantum gravity is not the mainstream at all.

00:46:32:07 - 00:46:32:31

Eric Weinstein

Okay.

00:46:32:54 - 00:46:37:40

Eric Weinstein

So real physics is happening between 53 and 73 by anybody's understanding.

00:46:38:06 - 00:46:39:23

Joe Rogan

Okay?

00:46:39:23 - 00:46:41:22

Eric Weinstein

Between 1973 and 19.

00:46:41:22 - 00:46:42:16

Eric Weinstein

84.

00:46:43:04 - 00:47:11:06

Eric Weinstein

Or 19, let's say 74 to 84, because of group 73, with the 53, you have ten years of super exciting guesses about the extension of our understanding things called supersymmetry, grand Unified theory, Technicolor, asymptotic safety. These are really responsible guesses, axioms. And you know, somebody like Sean Carroll or Neil deGrasse Tyson might talk to you about these things when they come in.

00:47:12:14 - 00:47:18:30

Eric Weinstein

In 1984, there's an earthquake called the anomaly cancellation.

00:47:18:30 - 00:47:20:00

Eric Weinstein

And if a.

00:47:20:00 - 00:47:21:07

Eric Weinstein

Failed theory.

00:47:21:12 - 00:47:22:15

Eric Weinstein

Of strong.

00:47:22:15 - 00:47:42:34

Eric Weinstein

Physics, the physics needed to glue two protons together in a helium nucleus because they both hate each other because of electromagnetism and want to separate. But something is

binding them together like a family structure, right? That force we initially tried to fix by thinking of it as string will put like elastic bands between things and it'll pull things back together.

00:47:43:19 - 00:48:09:54

Eric Weinstein

That didn't work. But then we repurposed it and said, No, no, no, it's quantum gravity. And one single individual who is the most dominant mind on planet Earth at the moment, effectively Voldemort, the person whose name we are a little bit afraid to invoke and cause wrath, said in 1984. Now, string theory is the way this anomaly cancellation was unexpected, and it clearly points to the fact that we are.

00:48:09:57 - 00:48:11:25

Eric Weinstein

Ladies and gentlemen, we are about to quantized.

00:48:11:31 - 00:48:13:24

Eric Weinstein

Who's that person? Edward Witten.

00:48:14:31 - 00:48:19:24

Joe Rogan

And in physics circles, you're not allowed to bring this guy up.

00:48:19:33 - 00:48:21:43

Eric Weinstein

We talk about him. Everybody talks about him.

00:48:22:01 - 00:48:23:47

Eric Weinstein

But to challenge him.

00:48:24:46 - 00:48:30:48

Eric Weinstein

Think about Agent Smith. Think about playing one on one with Michael Jordan in his prime.

00:48:32:31 - 00:48:33:07

Joe Rogan

He's that good.

00:48:33:57 - 00:48:34:14

Eric Weinstein

Joe.

00:48:34:17 - 00:48:42:43

Eric Weinstein

I don't think I'm dumb enough not to be intellectually afraid of anyone else on planet Earth at this point. I am terrified of this person.

00:48:42:52 - 00:48:43:30

Eric Weinstein

Really?

00:48:44:51 - 00:48:53:47

Eric Weinstein

I've said he's the Michael Jordan of theoretical physics. If only Michael Jordan could play better basketball.

00:48:53:47 - 00:48:56:09

Eric Weinstein

I'm not kidding around, Joe. Okay. Yeah. Wow.

00:48:56:22 - 00:49:07:49

Eric Weinstein

Right. This good and has never made contact with the physical world. So it's like one of the greatest conundrums. So. So let me get back to how.

00:49:07:49 - 00:49:09:27

Joe Rogan

Could you mean by never made contact?

00:49:09:36 - 00:49:19:37

Eric Weinstein

No Nobel Prize never predicted something that turned out to be true. Never pointed us to do an experiment that was invalidated. So 100% of his efforts.

00:49:20:56 - 00:49:21:39

Eric Weinstein

Have been.

00:49:23:42 - 00:49:30:34

Eric Weinstein

Not making contact with physical reality.

00:49:30:34 - 00:49:30:43

Eric Weinstein

Well.

00:49:31:01 - 00:49:42:57

Eric Weinstein

This is I'm sorry, like you have people like Michio Kaku who are in the string theoretic school. Sean Carroll is very sympathetic to it. You need to understand the story.

00:49:42:57 - 00:49:43:28

Eric Weinstein

Jamie.

00:49:43:28 - 00:49:52:55

Eric Weinstein

If I dare, may I ask, can we pull up something with Edward Witten and Abdul Salam on YouTube? Just like this person's voice?

00:49:53:56 - 00:49:58:03

Eric Weinstein

Imagine a six foot four person who talks like this. Interesting.

00:49:58:08 - 00:50:17:56

Eric Weinstein

Just like he could do a Vulcan mind meld and rearrange your mind into scrambled eggs within seconds. I know tenured professors who hid in their offices when he visited MIT because he walked on everybody. He knocked on everyone's door. And he has, you know, how Warren Beatty had a pick up line that everyone knew? What's new, pussycat?

00:50:18:18 - 00:50:18:52

Eric Weinstein

Somebody said.

00:50:18:52 - 00:50:19:51

Eric Weinstein

Yeah, that was Warren Beatty.

00:50:19:51 - 00:50:20:22

Eric Weinstein

Pick up one.

00:50:20:43 - 00:50:22:10

Joe Rogan

So all you needed when you were Warren Beatty.

00:50:22:19 - 00:50:22:51

Eric Weinstein

That's true.

00:50:22:57 - 00:50:24:27

Joe Rogan

Try that. Should have been like a 7-Eleven.

00:50:24:27 - 00:50:24:57

Eric Weinstein

This person.

00:50:25:16 - 00:50:54:12

Speaker 4

Here. Pretty weird way for a theory to start. The string theory started with a clever formula written down by Valenciano in an effort to satisfy not so well motivated phenomenological ideas about strong interactions got around. That was a way for a theory to start, which was as strange as the way quantum mechanics started and the way Einstein happened to have invented a theory and a particularly striking triumph of reason and intuition.

00:50:54:41 - 00:50:57:18

Speaker 4

But most other physical theories have had more conflict.

00:50:57:18 - 00:50:58:35

Eric Weinstein

You can tell how much is going.

00:50:58:35 - 00:50:59:56

Eric Weinstein

On beyond that. It's hard to make.

00:51:00:36 - 00:51:09:05

Speaker 5

You kind of generalize it. All of her invention will come. Anybody who makes statements like that, in my own experience.

00:51:09:34 - 00:51:11:13

Eric Weinstein

Now, that is obviously Nobel Prize.

00:51:11:13 - 00:51:11:47

Eric Weinstein

Well, it must.

00:51:11:47 - 00:51:34:19

Speaker 5

Be modified for each situation. What can you say? It still does. To me. It's a question of whether you start with a mathematical scheme and then look for a physical interpretation will start with a physical principle, which you guessed to be correct. And then on the one hand try and prove it experimentally to be true and on the other hand codify it into a mathematical form.

00:51:35:06 - 00:51:53:58

Speaker 5

I must admit I've always been so admiring Einstein's procedure in general relativity of starting with a very simple physical remark based on the Galileo discovery that bodies of different mass fall at the same rate in the gravitational field of the earth. He made a simple physical hypothesis why.

00:51:53:58 - 00:51:54:50

Eric Weinstein

That should be true.

00:51:55:33 - 00:52:02:42

Eric Weinstein

You have to understand, you know, that old Jim Croce song about Big Jim? Yes. When the bad folks all get together, they all call Big Jim.

00:52:02:42 - 00:52:06:27

Eric Weinstein

Boss, if you ask any of us.

00:52:06:41 - 00:52:07:13

Eric Weinstein

Who are any.

00:52:07:13 - 00:52:09:27

Eric Weinstein

Good.

00:52:09:27 - 00:52:11:22

Eric Weinstein

Who's the person who terrifies you the.

00:52:11:22 - 00:52:14:13

Joe Rogan

Most, so are these guys debating him? Is this was going.

00:52:14:13 - 00:52:15:13

Eric Weinstein

Oh, no, no, no, no, no.

00:52:15:13 - 00:52:16:49

Joe Rogan

No. Are they agreeing with him on the question?

00:52:16:49 - 00:52:18:46

Eric Weinstein

They're having a friendly conversation, right?

00:52:18:48 - 00:52:19:28

Joe Rogan

Should we let it go?

00:52:19:28 - 00:52:21:50

Eric Weinstein

More up to you?

00:52:21:50 - 00:52:31:13

Eric Weinstein

But I would I would concentrate. The other people are very interesting top people. This person is a towering 17 stories above everybody else.

00:52:31:58 - 00:52:40:02

Joe Rogan

Let me hear him talk more because it seemed very fascinating watching the way he was talking about things. It almost seems like he wanted to run away and get back to his lap.

00:52:41:12 - 00:52:43:24

Speaker 4

Be with you, except that I think it would have taken a.

00:52:43:24 - 00:52:44:59

Eric Weinstein

Little bit longer. Here.

00:52:45:36 - 00:53:05:54

Speaker 4

You see, Riemann almost, did it? Riemann had the conception that gravity was based on curved space time. But what he lacked. Sorry, Riemann had the conception that gravity was based on curved space. He conceive of curved space time because special relativity hadn't happened yet. So the space engine unified. What if Riemann had lived after special relativity? He would have.

00:53:05:54 - 00:53:06:37

Speaker 4

He might well have.

00:53:06:57 - 00:53:16:12

Speaker 5

It Gauss, maybe even so, I do think. Say something. You couldn't drive case in. Well, let me give you one more example, if I may.

00:53:18:01 - 00:53:21:01

Eric Weinstein

Find some more and so.

00:53:21:14 - 00:53:23:00

Joe Rogan

Too we get a different video of him.

00:53:23:00 - 00:53:24:14

Eric Weinstein

Or you.

00:53:24:14 - 00:53:25:39

Eric Weinstein

Can find a lecture of him that where he's.

00:53:25:39 - 00:53:26:42

Eric Weinstein

Alone. But I just.

00:53:26:42 - 00:53:28:17

Joe Rogan

Let him yap a little bit.

00:53:28:19 - 00:53:39:21

Eric Weinstein

Okay. You outside the field, be a winner of the fundamental Physics prize, a \$3 million prize recently established by Yuri Milner to.

00:53:39:37 - 00:54:05:15

Speaker 4

Outer equivalent of the electron, the positron. So this is a particle like the electron, but with the opposite electric charge. So this was actually the discovery of anti-matter. The most basic property of anti-matter is that matter. Anti-matter pairs can be created and annihilated. In this picture. Time is running horizontally, and that's what I'm sketching. The Purple Wiggly lines are meant to be photons.

00:54:05:36 - 00:54:23:39

Speaker 4

Physicists often in drawing so-called Feynman diagrams, use wiggly lines to indicate photons. Here are two Photons are annihilating into an electron positron pair. So photons are as close to pure energy as it gets, and they can be converted to matter. That is into anti-matter matter pairs.

00:54:23:40 - 00:54:29:22

Joe Rogan

Imagine dating this guy's daughter and you have to meet him, you know. Hi, sir. Nice to meet you.

00:54:31:04 - 00:54:40:39

Eric Weinstein

What do you do? What do you do at work? I've tangled with him twice. I don't.

00:54:41:07 - 00:54:59:20

Eric Weinstein

I look at two friends of mine are his graduate students. He's at two graduate students in mathematics. He's not even a mathematician. He's won the Fields Medal. He never won the Nobel Prize, but he's won the highest prize in all of mathematics as a sideline, didn't even major in physics, majored in history at Brandeis.

00:54:59:20 - 00:55:00:10

Eric Weinstein

They're fried.

00:55:00:39 - 00:55:07:04

Eric Weinstein

Their brains. Everybody who comes in contact with this person just never fully recovers.

00:55:07:17 - 00:55:08:00

Joe Rogan

Because he's that much.

00:55:08:00 - 00:55:10:33

Eric Weinstein

Smarter. We don't know what.

00:55:10:49 - 00:55:16:24

Eric Weinstein

Process he's running. I mean, imagine that you had like a machine to imagine you had like Chad GPT in your ear.

00:55:17:54 - 00:55:21:12

Eric Weinstein

Right? Nobody else did it. Nobody knows how you're doing it, right?

00:55:22:21 - 00:55:38:06

Eric Weinstein

I wouldn't say that he's that way now. The younger version of him was much more unusual. He would just spontaneously laugh in the middle of a sentence for no reason. It was just very clear that you weren't communicating with somebody who was with you in the room.

00:55:38:06 - 00:55:48:36

Joe Rogan

Whoa. Yeah. He seemed like the way he was sitting there grasping his hands, and he seemed, like, very uncomfortable. Just to be around all these people.

00:55:49:03 - 00:55:51:39

Eric Weinstein

I was at the University of Pennsylvania in like 19.

00:55:51:39 - 00:55:52:17

Eric Weinstein

80.

00:55:52:35 - 00:55:59:56

Eric Weinstein

Two through 85. Okay? And I went to a lecture that he gave, and he said things like.

00:56:00:59 - 00:56:06:03

Eric Weinstein

Well, he knows every schoolchild quantum field theory snooze. Hmm.

00:56:06:30 - 00:56:08:15

Eric Weinstein

Just like spontaneously laughing for no reason.

00:56:09:03 - 00:56:10:17

Eric Weinstein

The number of generations.

00:56:10:21 - 00:56:15:32

Speaker 4

Is tied to the index of the note operator on the Columbia. All.

00:56:15:32 - 00:56:17:09

Eric Weinstein

And the guy next to me says.

00:56:18:28 - 00:56:23:34

Eric Weinstein

I've been a quantum field theory for 40 years. I don't know any of this stuff. Whoa.

00:56:23:36 - 00:56:47:25

Eric Weinstein

Right. So he came on to the scene and started telling us how everything was going to fit together. And nobody had ever heard a story like this. This is, by the way, lost to history because we fictionalized what happened with string theory. This person was so far ahead that nobody wanted to contradict him. He said this was the way, you know, there are five string theories or whatever.

00:56:47:25 - 00:56:48:28

Eric Weinstein

There are six four.

00:56:48:28 - 00:56:49:10

Eric Weinstein

And can't remember.

00:56:49:40 - 00:57:05:33

Eric Weinstein

And it's going to be one of them. And in ten years we'll have the whole thing wrapped up and everybody wanted to be on the winning team, knew that they weren't going to go up against this because they couldn't even figure out how he was doing, what he was doing and what was really going was very different than people understood.

00:57:07:10 - 00:57:42:12

Eric Weinstein

Quantum field theory, which is now claimed by most physicists to be the most advanced theory we have at the time was sort of a grab bag of different techniques, you know, just like not unified. He saw that this was effectively a coherent whole with help from a couple of other people who are often not as well acknowledged, one of which would be Michael Attia, another one which would be Graham SIEGEL, another which would be Dan Quillen and my good friend and, postdoctoral advisor Isidore Singer.

00:57:42:46 - 00:57:57:43

Eric Weinstein

So there's sort of a small cabal of people who figured out that quantum field theory was not only a coherent story, it didn't really have to do with physics at all. It was like calculus. You can use calculus to do physics. In fact, you can't do physics.

00:57:57:43 - 00:57:59:49

Eric Weinstein

Without it, but you.

00:57:59:49 - 00:58:24:21

Eric Weinstein

Can also use calculus to optimize inventory and make, you know, make your profits go up. And so as a result, quantum field theory was discovered not to be physical. It was a framework that you one physical input to that machine probably generates the world, But the machine itself isn't about physics. So this was the most romantic backfiring in the history of physics.

00:58:24:21 - 00:58:49:40

Eric Weinstein

In a certain sense. These guys set out to say we are going to quantized gravity. In other words, quantized geometry, the geometry of Einstein and Riemann. And what happened was exactly the reverse that gravity raised the quantum, the geometries that the quantum. So it's been remarkably productive. The reason we can say how brilliant this person is is because he geometries the quantum at a level that we didn't know was possible.

00:58:49:40 - 00:59:09:05

Eric Weinstein

On the other hand, he never made contact with physical reality the way he was expecting and promising to do so. He's both the most accomplished of us and the person who drove physics the most off of the road. And if you attempt to give him his due and you don't, if you're not comfortable citing both of these things, you can't be an accurate historian.

00:59:09:05 - 00:59:11:58

Eric Weinstein

But he's still running around and nobody wants to go up against him.

00:59:13:06 - 00:59:14:04

Eric Weinstein

How old is he now?

00:59:14:45 - 00:59:20:58

Eric Weinstein

Is born in 1951. So he'll be turning 72, I think, later this year, if I'm not mistaken.

00:59:21:07 - 00:59:21:31

Eric Weinstein

Hmm.

00:59:21:55 - 00:59:51:01

Eric Weinstein

And then we get to the really crazy part. Quantum gravity is really due to two families. One is a husband and wife team and the other is father son. The husband wife team were named Bryce DeWitt, formerly, I think Bryce Seligman. I don't know why he changed his name and his wife, Cecile DeWitt or Cecile DeWitt. More it in the father son team was Louis Witten, who is still alive now 101 years old.

00:59:51:23 - 00:59:54:00

Eric Weinstein

And Edward Witten.

00:59:54:00 - 00:59:55:06

Eric Weinstein

And then the really weird.

00:59:55:06 - 00:59:56:02

Eric Weinstein

Stuff happens.

00:59:57:30 - 01:00:20:36

Eric Weinstein

And this is why I was like, curious about UFOs and gravity and all this stuff. The actual genesis of these two families having this outsized impact on the future of theoretical physics comes from two different people who are almost never talked about. Matter of fact, most physicists have no idea their names. One is named Agnew Benson, and the other is named Roger Babson.

01:00:20:36 - 01:00:39:37

Eric Weinstein

And these two guys were deep into antigravity. So the world's greatest mind and greatest living theoretical physics mind is the son of the most prominent anti-gravity researcher. I swear I kid you not from the 1950s.

01:00:39:37 - 01:00:44:36

Eric Weinstein

Whoa, whoa.

01:00:44:36 - 01:01:04:51

Eric Weinstein

Now, there's an official story about this. And the official story that both the DeWitt Tell and the witness tell is, Oh, yeah, there were these crazy people. They were very embarrassing. They were always focused on antigravity, but we were clever enough to defraud them of their money to do real gravitational research. Hahaha.

01:01:06:37 - 01:01:08:04

Joe Rogan

They all said that both families.

01:01:08:25 - 01:01:10:19

Eric Weinstein

Well, they didn't use defraud.

01:01:10:19 - 01:01:11:38

Joe Rogan

But that's kind of what they implied.

01:01:11:38 - 01:01:29:27

Eric Weinstein

That's correct. Because it's an embarrassment. And in order to understand this hugely productive period relative to the stagnation, the stagnation is incredibly high prestige, like most of the positions at the at the Institute for Advanced Study, the top physics department, ostensibly in the world.

01:01:29:56 - 01:01:30:16

Eric Weinstein

Right.

01:01:30:34 - 01:01:30:52

Eric Weinstein

You had a.

01:01:30:52 - 01:01:33:10

Eric Weinstein

Director named Robert de Graaf.

01:01:33:41 - 01:02:23:24

Eric Weinstein

String theorist, you had Edward Witten, string theorist, Natty Seiberg, string theorist, one Mal de Sena string theorist. And you had this guy, Naima Haqqani. Hamid, who I hope you will have on this program who's amazing, who is not a string theorists, but very string sympathetic. This thing dominated. It just took over. And this weird genesis of a high prestige field that can't accomplish what it's setting out to accomplish is in contrast to this mixed period between 1953 and 1973, where you have the world's most prestigious physicists palling around with pseudoscience, UFO type stuff, gravity shielding, all this stuff.

01:02:24:32 - 01:02:47:02

Eric Weinstein

So Babson is so crazy, you can't even believe the story is true. But he claims that his sister drowned in a pond because even though she was a good swimmer, she couldn't overcome

gravity. So gravity becomes his sworn enemy and he's going to use his fortune that he's predicted from that he's gotten from predicting the crash of 1929 because of Newton's laws.

01:02:47:02 - 01:03:07:44

Eric Weinstein

What goes up must come down. So he gets out of the stock market six months early. Babson makes a fortune. He Edison and clearance. Bert. I have frozen food, you know fame form the sort of little intellectual collective where they're going to defeat gravity. So for example, just because people are going to say, Eric, this is all nonsense and it isn't.

01:03:07:44 - 01:03:37:04

Eric Weinstein

Jamie Is it possible to pull up a stone monument at Tufts universities to the anti-gravity that was done? There's a put in Tufts stone anti-gravity. These this guy littered universities all across the country with these monuments to prove that this anti-gravity stuff was actually taking place at American universities. And he established an essay contest. All right. So check this out.

01:03:37:04 - 01:03:57:12

Eric Weinstein

This monument has been erected by the Gravity Research Foundation. Roger Babson, founder to remind students of the blessings forthcoming with science determines what gravity is and how it works. And how it may be controlled. This is about UFOs and the idea that we are going to harness the power of gravity and we're going to get a Supreme advantage.

01:03:57:12 - 01:04:04:06

Eric Weinstein

And these stones are littered around the country. Here's another one.

01:04:04:53 - 01:04:07:58

Joe Rogan

So this is not widely known that this research is being done.

01:04:07:58 - 01:04:08:40

Eric Weinstein

This is hugely.

01:04:08:40 - 01:04:09:30

Eric Weinstein

Embarrassing to.

01:04:09:30 - 01:04:09:48

Eric Weinstein

Us.

01:04:09:59 - 01:04:12:23

Joe Rogan

Hugely embarrassing because it hasn't yielded results.

01:04:12:23 - 01:04:13:04

Eric Weinstein

No, hugely.

01:04:13:04 - 01:04:16:46

Eric Weinstein

Embarrassing because it carries the stench of pseudoscience.

01:04:17:13 - 01:04:17:49

Eric Weinstein

So when people.

01:04:17:49 - 01:04:43:30

Eric Weinstein

Don't like me coming on your program and saying things that nobody else in the world is saying, they call me a pseudo scientist or that's crackpot. And these words like, You don't take them that seriously. We had this discussion before with like Tim Dillon saying something about. Me You know, what is he ever done? Academics play these games with each other where we try to push each other out of the ring like sumo wrestlers and the way you push somebody out, as you say, like, that's crap.

01:04:43:46 - 01:04:46:28

Eric Weinstein

He's a grifter. He's a pseudo scientist, right?

01:04:46:39 - 01:04:47:49

Eric Weinstein

He's nutty. He's an utter.

01:04:49:21 - 01:04:49:57

Eric Weinstein

Bullshit.

01:04:50:27 - 01:04:58:15

Eric Weinstein

This was the marriage of the ultimate nuttiness with the highest prestige physics. We know how to do.

01:04:58:15 - 01:04:59:00

Eric Weinstein

And was this.

01:04:59:00 - 01:05:01:17

Joe Rogan

Considered nuttiness in 64, though?

01:05:01:39 - 01:05:16:11

Eric Weinstein

This is the interesting question. In the middle of the 1950s. This is mainstream in newspapers. But for example, Bryce DeWitt. So here's how the two stories cross. Okay, you start off with Babson and Bentsen.

01:05:16:31 - 01:05:17:16

Joe Rogan

Okay, There.

01:05:17:16 - 01:05:32:36

Eric Weinstein

There the money. Babson found something called the Gravity Research Foundation in New Boston, New Hampshire. And he gets the Glen L Martin Company, which is the precursor of Martin Marietta, precursor of Lockheed Martin.

01:05:32:38 - 01:05:34:12

Eric Weinstein

Do you know this stuff? No. Okay.

01:05:35:34 - 01:05:42:55

Eric Weinstein

And he gets them to hire Lewis Whitten out of Johns Hopkins. Lewis Whitney's a respectable physicist.

01:05:43:39 - 01:05:44:09

Eric Weinstein

Who.

01:05:44:22 - 01:05:55:01

Eric Weinstein

Takes the position, informed something called the research Institute for Advanced Study. You've probably heard of Bell Labs or Xerox Park, and you probably haven't heard of the Research Institute for Advanced.

01:05:55:01 - 01:05:55:22

Eric Weinstein

Study.

01:05:56:20 - 01:06:27:28

Eric Weinstein

Yet. This has illustrious names associated with it. Solomon Lifshitz, the great apologist, comes out of retirement to work on this antigravity inspired project. Rudolf Rudolf Coleman of Common Filtering. There's no shortage. Sheldon Glashow, who discovers [spontaneous symmetry breaking](#) under Julian Schwinger at Harvard, is attached to the Research Institute for Advanced Study. It has a campus in Baltimore, Maryland, that, you know, I can tell you the address.

01:06:27:28 - 01:06:27:45

Eric Weinstein

At some.

01:06:27:45 - 01:06:29:58

Eric Weinstein

Point we pretend.

01:06:29:58 - 01:06:53:02

Eric Weinstein

That it didn't happen. It doesn't exist. But for example, if you were to look at Brown University, Brown University has something called the Center for Nonlinear Dynamics, and the Center for Nonlinear Dynamics is the spin out from the Research Institute of Advanced Study of Solomon left shit. The great apologists work on nonlinear, you know, like chaos theoretic dynamical systems.

01:06:54:37 - 01:06:59:31

Eric Weinstein

So it's this marriage of utter madness and kookiness with top.

01:07:00:16 - 01:07:01:31

Eric Weinstein

Drawer white.

01:07:01:31 - 01:07:23:29

Eric Weinstein

Shoe respectability. So this was my puzzle about UFOs. What was this antigravity thing? Between 53 and 73? And the reason it ends in 1973 is a guy named Mike Mansfield, I think of Montana as a senator passes something called the Mansfield Amendment, which discontinues.

01:07:24:10 - 01:07:25:06

Eric Weinstein

Army or.

01:07:25:33 - 01:07:30:09

Eric Weinstein

Department of Defense military funding for blue sky research inside of our universities.

01:07:31:19 - 01:07:33:39

Joe Rogan

And what does blue sky research?

01:07:34:08 - 01:07:44:16

Eric Weinstein

Hey, you're a young person, you're super smart. Here's a pile of money. Don't even tell us what you're working on. We just believe in you. Go to it. This is what caused us to be the envy of the effing world.

01:07:44:25 - 01:07:47:52

Eric Weinstein

Cowboys, Science. We were wild.

01:07:48:16 - 01:08:15:07

Eric Weinstein

Okay? We had skirt chasing, hard drinking, charismatic, brilliant human beings who answered to no one and walked around with swagger with their shoulders back and their chests puffed out because around Sputnik we wanted the best of the best to go into science. Around 1973, we discontinue this. We start talking about Golden Fleece Awards. How did you waste the taxpayers money?

01:08:15:07 - 01:08:18:32

Eric Weinstein

You know, and we become incapable.

01:08:19:38 - 01:08:28:40

Eric Weinstein

Of equaling the performance. It's like we worship Ted Williams because turned in a Ted Williams style performance in ages.

01:08:30:19 - 01:08:31:40

Eric Weinstein

Even Ed Witten can't do it.

01:08:32:11 - 01:08:45:05

Eric Weinstein

In any era. Before this, Edward would won a Nobel Prize. The guy six months older than he is from 1951 is gone. Frank will check who won the Nobel Prize. Even being a tiny bit young, older than Ed.

01:08:45:05 - 01:08:46:53

Eric Weinstein

Witten. You know.

01:08:47:33 - 01:08:58:42

Eric Weinstein

Frank is brilliant, but he's not Ed Witten like he got a Nobel Prize for something called asymptotic Freedom in strong interactions, this newfound.

01:08:59:45 - 01:09:00:21

Eric Weinstein

Impotence.

01:09:00:23 - 01:09:25:42

Eric Weinstein

Let's just call it impotence. It's like you turned the world's most vital people into castrati, and you did it by accounting for their dollars, making them, you know, say how everything they did had a practical application defending the purpose of blue sky research as if they were wasting taxpayer dollars. They got called, you know, welfare queens and white lab coats.

01:09:26:02 - 01:09:33:01

Eric Weinstein

The whole thing is completely ridiculous. But we have been in the process of dismantling the world's most productive, powerful scientific.

01:09:34:03 - 01:09:34:26

Eric Weinstein

From.

01:09:34:44 - 01:10:05:47

Eric Weinstein

Really 1965 or 73 until the present day. And the 65 date dates from Maxwell's father. Robert Maxwell is basically the son of a bitch who introduced peer review, which had only really been strong in the biomedical into general science because he figured out how to make a fortune hacking the universities. If you're a university, if you want to have a complete library, you have to buy all the journals.

01:10:05:47 - 01:10:16:03

Eric Weinstein

The papers appear. So he said, Great news. I'll jack up the prices and jack up the number of journals. I'll just explode the number of journals. And every university that.

01:10:16:03 - 01:10:16:37

Eric Weinstein

Doesn't want.

01:10:17:07 - 01:10:48:00

Eric Weinstein

To be incomplete has to buy my product. So suddenly there weren't enough good editors to edit all of these tiny micro journals, you know, journal of hyper specific thing X, so peer review comes screaming in. In 1965 through his company, Maxwell's company called Pergamon Press. So Gillan's Maxwell's father is like the first major attack on science. And then the Mansfield amendment comes in.

01:10:48:00 - 01:11:09:08

Eric Weinstein

There's something called the ALBERG Amendment 1973. In 1980, there's something called the BI Dole amendment. Then there's the Immigration Act of 1990, and we're just chipping away at the vitality of American cowboy science. So right now, if you go into a science department, the whole question is, well, what have you done for diversity, inclusion and equity? You know, let's agree that there's no lone geniuses in the.

01:11:09:08 - 01:11:09:34

Eric Weinstein

World.

01:11:10:01 - 01:11:18:30

Eric Weinstein

As if we didn't have Einstein and von Neumann and Teller and all of these people. Everything is communal. Everything is in the air. It's like nobody wants to work in this environment.

01:11:18:34 - 01:11:20:51

Eric Weinstein

Nobody good, right?

01:11:21:01 - 01:11:29:00

Eric Weinstein

So whatever it is, we have been divided, losing certainly since 1973 for 50 years, but also really since 1965.

01:11:29:00 - 01:11:30:32

Eric Weinstein

How do you turn that boat around? No.

01:11:30:53 - 01:11:39:05

Eric Weinstein

We're doing whatever we can. Like, if you're rich and you're smart and you're connected, if you're part of some secret program and you're watching this.

01:11:39:05 - 01:11:41:38

Eric Weinstein

Please reach out to the Joe Rogan experience or.

01:11:41:38 - 01:11:45:50

Eric Weinstein

Eric Weinstein to turn the ship around. But let's keep going because I want to get to the UFOs again.

01:11:45:55 - 01:11:48:52

Eric Weinstein

Okay.

01:11:48:52 - 01:12:15:14

Eric Weinstein

So my question was, what is going on with antigravity? UFOs, the world's smartest human beings, 1953 and 73. Somebody help me out. Why two families, The Duets and the Witness. And let me give you the reason that I didn't want to touch this subject. The reason I didn't want to touch the subject has to do with something I learned from World War Two.

01:12:15:57 - 01:12:18:59

Eric Weinstein

So you probably know, you know the code name for D-Day.

01:12:19:42 - 01:12:23:04

Eric Weinstein

No Operation Overlord, no.

01:12:23:04 - 01:12:46:31

Eric Weinstein

There was a companion thing called Operation Bodyguard and in particular Operation Fortitude, which was inside of Operation Bodyguard, which was the planned invasion of Norway, which was never going to happen. But we faked an entire invasion of Norway because we had a troop build up in England that was going to be headed into a very narrow place. It was going to be outgunned by the Germans.

01:12:47:34 - 01:12:58:21

Eric Weinstein

So how do you get all of these people who have to fight, who have loose lips probably going off and seeing prostitutes, who knows not to blow spill the beans on D-Day?

01:12:59:27 - 01:13:00:25

Eric Weinstein

Well, you create.

01:13:00:25 - 01:13:13:19

Eric Weinstein

An entirely fake invasion of Norway. Is it possible to bring up Operation Fortitude just to see a map of this thing? So they faked radio chatter. They had inflatable tanks. I think there were army divisions that didn't exist.

01:13:13:28 - 01:13:20:42

Eric Weinstein

Let's look at something. It didn't call it what you call it, but it's the same stuff. Yeah, I think this is the map you're talking. Well, that's.

01:13:21:00 - 01:13:24:18

Eric Weinstein

That's in. That's northern France. Fortitude would be.

01:13:24:18 - 01:13:26:22

Joe Rogan

Targeted. I've seen the inflated tanks.

01:13:26:22 - 01:13:28:46

Eric Weinstein

Yes. Funny. That was what it was regarded to do.

01:13:29:16 - 01:13:36:37

Eric Weinstein

So deception. And we talked about kayfabe before. Yeah, like I'm very focused on it. What I really care about.

01:13:37:26 - 01:13:38:29

Eric Weinstein

You know, it's hilarious.

01:13:39:18 - 01:13:42:05

Joe Rogan

That a bunch of inflatable tanks.

01:13:42:05 - 01:13:47:16

Eric Weinstein

So this entire deception had to be parallel.

01:13:47:38 - 01:13:47:51

Eric Weinstein

Or.

01:13:47:52 - 01:13:52:01

Eric Weinstein

Overlord wouldn't have worked without fortitude.

01:13:52:01 - 01:13:52:24

Eric Weinstein

Now.

01:13:52:48 - 01:14:08:15

Eric Weinstein

If you assume that that's the basic paradigm, which is whenever we're going to do something badass, we're also going to do something fake. I thought the UFOs was the Operation Fortitude part of something real? This is my bad. I screwed up, Eric felt.

01:14:08:24 - 01:14:09:07

Eric Weinstein

Blah, blah, blah.

01:14:10:06 - 01:14:17:51

Joe Rogan

So you saw it. Like at what point, like when the New York Times had revealed they talked to before in the Pentagon? Before that.

01:14:18:16 - 01:14:23:51

Eric Weinstein

I thought, okay, you want to develop the S.R. 71 Blackbird, You want to develop the stealth bomber.

01:14:25:01 - 01:14:27:18

Eric Weinstein

You want a code, but you want a cover program.

01:14:28:17 - 01:14:31:12

Eric Weinstein

So you can come up with like UFO. Somebody see something in the air?

01:14:31:57 - 01:14:40:45

Eric Weinstein

Dude, there was like a flying and swear to God there was. This thing went so fast, I couldn't even believe it. Well, one of them would be it would B-2 bomber.

01:14:40:45 - 01:14:42:55

Eric Weinstein

And the other one is a 71 Blackbird.

01:14:43:28 - 01:14:43:58

Eric Weinstein

Duh.

01:14:44:16 - 01:14:44:40

Joe Rogan

Right.

01:14:44:49 - 01:14:57:16

Eric Weinstein

So why do I want to get involved with Operation Fortitude? I'm a patriotic American. If we're going to lie about stuff and we're doing it for a good purpose, it's not hurting anybody. I don't get involved and say, I'm so smart, I can figure it out.

01:14:57:16 - 01:14:59:16

Eric Weinstein

I don't want to be anywhere near that, right?

01:14:59:25 - 01:15:00:12

Eric Weinstein

So that's what I assumed.

01:15:00:12 - 01:15:02:22

Eric Weinstein

About UFOs and I goofed.

01:15:03:34 - 01:15:04:37

Joe Rogan

So what do you think it is now?

01:15:05:31 - 01:15:06:32

Eric Weinstein

Well, that's the new quest.

01:15:07:33 - 01:15:10:30

Joe Rogan

And what made you shift this perspective?

01:15:11:06 - 01:15:12:55

Eric Weinstein

So there was this weird thing that happened.

01:15:12:55 - 01:15:13:31

Eric Weinstein

Where.

01:15:13:48 - 01:15:33:03

Eric Weinstein

We announced through The New York Times that this stuff may be more real than anyone cared to imagine. You know, when Jeremy Corbell was releasing these videos and who was leaking them, I don't know. And The New York Times was authenticating and you know, you get all of this again, tons of ambiguity. So everybody's decision tree blows out, nobody can think straight.

01:15:33:03 - 01:15:33:37

Eric Weinstein

But I thought.

01:15:34:37 - 01:15:39:41

Eric Weinstein

Oh no, what if the old.

01:15:39:41 - 01:16:00:36

Eric Weinstein

Feynman stories that I've been following are actually about something rather than about a deception? So, for example, FINEMAN has a story where he says, Yeah, hey, there was this guy who was giving physics lectures to aerospace engineers and they didn't like him. So I had to go out to Buffalo and thought, Buffalo, that's Curtis Wright, You're going to Curtis Wright Aerospace.

01:16:01:35 - 01:16:08:29

Eric Weinstein

And he's got another one about, you know, give me a dollar, because somebody calls him up and says, give us the nuclear patents.

01:16:09:55 - 01:16:11:22

Eric Weinstein

To like.

01:16:12:19 - 01:16:13:39

Eric Weinstein

Vision driven planes.

01:16:14:25 - 01:16:18:12

Eric Weinstein

And crazy stuff.

01:16:18:12 - 01:16:19:48

Eric Weinstein

Feynman is constantly telling.

01:16:19:48 - 01:16:22:49

Eric Weinstein

Us he's got a story.

01:16:22:53 - 01:16:40:30

Eric Weinstein

Called It's Greek to Me, where he shows up in North Carolina. Can't remember whether he's supposed to go to the University of North Carolina, Chapel Hill or Greenville, and he has to figure it out. And he says, Oh, I'm late to the conference would be a bunch of people mumbling the words, Jim, you knew. And the guy says, Oh, it's Chapel Hill.

01:16:40:30 - 01:16:56:13

Eric Weinstein

So he goes, There's a ha ha ha. It's cute story about a clever Feynman is they all are. But that was conference sponsored by the Institute for Field Physics at the University of North Carolina, Chapel Hill, sponsored by Agnew Benson through Bryce DeWitt.

01:16:56:13 - 01:16:57:25

Eric Weinstein

Who is.

01:16:57:25 - 01:17:23:40

Eric Weinstein

The person who repurposed the Gravity Research Foundation essay, which is only supposed to be about harnessing gravity antigravity anti-gravity devices like UFOs. And he said, Well, if you really want to get to anti-gravity, you have to do it through quantum gravity, right? No, he did that. And then a couple of people from the institute and was Arno it and Dessa entered and won the competition that had the stench about it because it was like stigmatized.

01:17:24:16 - 01:17:36:41

Eric Weinstein

You're going to enter a competition for. Antigravity devices. Oppenheimer says, Wow, you guys won this by using the name of the Institute for Advanced Study. You give the money back. All right, Now, we're not going to touch pseudoscience.

01:17:36:41 - 01:17:37:42

Eric Weinstein

The guys kept the money.

01:17:38:06 - 01:18:02:15

Eric Weinstein

And then the floodgates opened and Penrose entered it. Wheelchair entered. Everybody and their mother, Martin Pearl, entered this competition. Lots of Nobel laureates win it. This is this marriage of total bullshit and top drawer physics that the rest of us are not allowed to participate. So if you want a weird model for how physics works, think about diplomatic immunity.

01:18:02:15 - 01:18:26:22

Eric Weinstein

But in science, you've got this group of people at the top who are allowed to engage in quackery they can hang out at and and smoke dope and take LSD and go into sensory deprivation tanks like like Feynman. They can pal around with rich people who are talking about anti-gravity, but the rest of us have to stay in our lane.

01:18:26:22 - 01:18:43:08

Eric Weinstein

Well, that ends now. Now that I've been contacted by people saying, Eric, you know, Sam Harris and I were both contacted saying that there's a disclosure planned and it's got there's big updates and we need you to communicate this news to the world.

01:18:43:08 - 01:18:46:01

Joe Rogan

There's a disclosure about a specific technology.

01:18:46:26 - 01:18:54:32

Eric Weinstein

About something. I mean, more or less, the way this works doesn't matter who you talk to, something's huge. I can't to you about it.

01:18:54:32 - 01:18:55:40

Eric Weinstein

Because you don't have clearance.

01:18:56:09 - 01:18:57:36

Eric Weinstein

But we're going to fly out to Colorado.

01:18:57:36 - 01:18:58:12

Eric Weinstein

Springs.

01:18:58:58 - 01:19:03:45

Eric Weinstein

And we're going to show you some stuff. You're never going to be the same right?

01:19:03:45 - 01:19:05:29

Eric Weinstein

Like, okay.

01:19:06:05 - 01:19:14:49

Eric Weinstein

I'm on standby. My process, Joe, is that I'm very open minded, but I have a very strong filter before I'll say, Yeah, that's true. That's real.

01:19:15:01 - 01:19:15:28

Joe Rogan

Okay.

01:19:15:43 - 01:19:28:53

Eric Weinstein

That freaks people out. Why are you even talking to these people? Well, because I know the history and you don't. So I was open to this. Sam was open to this, and it's Lucy in the football every goddamn week.

01:19:29:58 - 01:19:30:29

Eric Weinstein

When I'm like.

01:19:30:30 - 01:19:45:21

Eric Weinstein

When am I headed out to Colorado? Where you're going to be met by a car and you're going to be blindfolded and you won't know where you are in blah, blah, blah. Okay. This week, next week, the week after. Don't know if something's come up on the hill. Things getting crazy. We're going to be talking to some very big people.

01:19:45:21 - 01:19:52:21

Eric Weinstein

I can't talk to you right yet. So that's been my weird life now, a part of it for like three years. I don't know.

01:19:52:24 - 01:19:55:13

Joe Rogan

For three years they've been telling you that they're going to release this.

01:19:55:41 - 01:19:55:50

Eric Weinstein

Yeah.

01:19:56:00 - 01:20:00:10

Eric Weinstein

And it's always pushed out, right? So, like, it's a month.

01:20:00:10 - 01:20:06:32

Eric Weinstein

On a program, okay? It's always manana. You know, I'm not falling for it.

01:20:06:55 - 01:20:20:11

Eric Weinstein

But I'm telling you now that I have information, I can't tell you everything I know. I wish I could, but I'm a team player, and if somebody says something in confidence, I'm not going to reveal it on the work experience.

01:20:20:18 - 01:20:22:58

Eric Weinstein

Okay.

01:20:22:58 - 01:20:36:50

Eric Weinstein

But there's some things I can say that nobody else can say, which is I had a very weird reaction to this. I think Sam was initially interested and then the money honored him three times and he said, I'm out, doesn't talk about it. I went a different route.

01:20:37:13 - 01:20:37:49

Eric Weinstein

I said, okay.

01:20:37:49 - 01:20:50:38

Eric Weinstein

You guys keep saying all the stuff is real. You keep you've got high quality data that you can't show anybody because it's all stovepiped. You hear this word over and over stovepipe, meaning that each little group is isolated like Bob Lazar says.

01:20:50:38 - 01:20:51:16

Eric Weinstein

Yeah, I.

01:20:51:16 - 01:20:58:53

Eric Weinstein

Was only allowed to see the whole thing. So I say, Okay, am I right that you're telling me that these things are real?

01:20:59:18 - 01:21:00:52

Eric Weinstein
Yeah. No, they.

01:21:00:52 - 01:21:03:01

Eric Weinstein
Say. And that nobody could do this.

01:21:03:25 - 01:21:04:25

Eric Weinstein
That we know.

01:21:04:25 - 01:21:26:18

Eric Weinstein
So that's right. Because they seem to defy the laws of physics. You hear this phrase over typical as a physics I a great I need to talk to somebody who speaks. How do you know they defy physical law? Well, we can see that it's like, okay, if they defy physical law, then there should be a physics test to tell me that they defy physical law.

01:21:26:20 - 01:21:27:05

Eric Weinstein
Who's seen the data.

01:21:27:21 - 01:21:41:06

Eric Weinstein
Maybe can't release it to me or she. But tell me somebody who speaks tensor analysis, tell me somebody who knows what the Dirac equation is like a pretty low bar for a physicist. There is no.

01:21:41:06 - 01:21:44:20

Eric Weinstein
One. And I don't quite.

01:21:44:20 - 01:21:47:16

Eric Weinstein
Me knowing, but do you know who Eric Davis is?

01:21:47:16 - 01:21:47:38

Eric Weinstein
No.

01:21:48:30 - 01:21:49:40

Eric Weinstein
You ever heard of the Wilson memo?

01:21:49:49 - 01:21:50:13

Joe Rogan

No.

01:21:51:27 - 01:22:00:32

Eric Weinstein

Okay. There's something called the Wilson memo where there's a physicist who meets a general or an admiral. And the general the admiral is trying to figure out. I think this is an EEG.

01:22:00:32 - 01:22:02:43

Eric Weinstein

And, gee.

01:22:02:43 - 01:22:27:09

Eric Weinstein

Why is there some program that I'm not allowed to know about? I have the highest clearances I ever need to know. Like, sorry, we can't tell you. He's talking to somebody named Eric W Davis. Eric Davis, so far as I can find, is the only person other than maybe Hal put off who I've been able to talk to, who speaks anything of these languages.

01:22:28:04 - 01:22:48:32

Eric Weinstein

This is not a particularly famous physicist. How put off is an electrical engineer, I think a Ph.D. in electrical engineering. Eric W Davis says to me, I said, Is there nobody out here who speaks physics this make any sense? And he says, Well, you, Hal and I are the three most technical people on this show.

01:22:48:32 - 01:22:51:28

Eric Weinstein

I'm not even on this.

01:22:51:28 - 01:22:58:28

Joe Rogan

So you know as much about it as anyone, and you're not even involved. And there's only two other people that know the science.

01:22:58:49 - 01:22:59:09

Eric Weinstein

And like.

01:22:59:09 - 01:23:00:41

Eric Weinstein

One of them is into remote.

01:23:00:41 - 01:23:10:04

Eric Weinstein

Viewing. So and it was a Scientologist. So I'm just.

01:23:10:24 - 01:23:23:56

Eric Weinstein

Imagine that you take your wife to the symphony, you're going to see Beethoven's Seventh and you look at the string section, brass sections in place, and the percussion is there. And you look at the string section and it's a bunch of certified public accountants.

01:23:24:36 - 01:23:29:54

Eric Weinstein

You know, where the violins, where the violas like, Oh.

01:23:30:54 - 01:23:36:48

Eric Weinstein

Actually we have reporters for the AP. They're stringers. Like, that's not the same thing with string theory. That's not the same thing.

01:23:36:59 - 01:23:39:05

Eric Weinstein

I'm looking for, right? This is simple.

01:23:40:10 - 01:23:43:37

Eric Weinstein

I've been on this for three years and I can't find anybody who speaks this.

01:23:43:37 - 01:23:44:16

Eric Weinstein

Language, which.

01:23:44:58 - 01:23:59:54

Eric Weinstein

Now that is a huge clue. Imagine that you say that we've lost control of our airspace. We're being menaced. Threats to civilian aviation, military, aviation. They're seeing these things every day. They defy the physical laws and there are no physicists anywhere to be.

01:23:59:54 - 01:24:00:14

Eric Weinstein

Found.

01:24:01:01 - 01:24:02:04

Eric Weinstein

That smells like.

01:24:02:04 - 01:24:03:36

Eric Weinstein

Bees or.

01:24:03:59 - 01:24:26:51

Eric Weinstein

It smells like a pathological level of bureaucratic incompetence. And Marco Rubio and Kirsten Gillibrand, if you're out there, can you please find out why are no technically competent people on an area in an area of national security? And please don't mumble the word stovepipe or need to know where sources and methods I mean.

01:24:27:16 - 01:24:28:22

Eric Weinstein

We had a manhattan Project.

01:24:28:22 - 01:24:50:51

Eric Weinstein

We staffed it with physicists. You have a physics problem. If these things are here, Joe, they're here from so far out of town or they're co mingling with us on Earth. I can't tell you which. There are some reports that these things come screaming in from behind satellites that are trained at Earth along non ballistic trajectories. I have no idea how to say this.

01:24:51:12 - 01:25:09:37

Eric Weinstein

I'm talking all the time to Avi Loeb with Galileo Project, trying to help him out. He needs funding and he needs some ability to, you know, just if the government won't play ball, he's going to put out his own sensors in places like Catalina Island Blanket the world, and he'll be able to say, We're seeing these things, but we're not seeing these things.

01:25:10:19 - 01:25:16:17

Eric Weinstein

But right now we have a puzzle that our government won't release information to its own scientific community.

01:25:16:33 - 01:25:17:42

Eric Weinstein

And reminds me, you.

01:25:17:43 - 01:25:18:39

Eric Weinstein

Probably know Airplane.

01:25:18:50 - 01:25:20:54

Eric Weinstein

Movie. Well, there's this picture I've.

01:25:22:06 - 01:25:28:44

Eric Weinstein

Boy, where they're trying to land this airplane with these people who aren't pilots. He says turn on the turn on the landing strip lights.

01:25:29:18 - 01:25:29:49

Eric Weinstein

And it was.

01:25:29:49 - 01:25:30:45

Eric Weinstein

Lloyd Bridges or something.

01:25:30:45 - 01:25:33:57

Eric Weinstein

He says no, that's just what they'll be expecting.

01:25:34:17 - 01:25:39:36

Eric Weinstein

Like he's trying to sabotage the people who are trying to land the plane. It doesn't make any sense. We're sabotaging air and scientists.

01:25:40:58 - 01:26:08:45

Joe Rogan

Do you think this is because there's a level of secrecy that's attached to this technology. And they've compartmentalized themselves to death and they've gotten themselves to a point where they don't know how to proceed further because they're preventing people from sharing information, which is one of the most important things about science, right, is that scientists get to share information and all work together to try to figure out what the problem is that reasonable?

01:26:09:52 - 01:26:13:30

Eric Weinstein

Well, here comes the decision. Trees like I wish I could say. Yeah, that's what I think.

01:26:13:30 - 01:26:14:31

Joe Rogan

It is, but it might not be.

01:26:14:45 - 01:26:16:10

Eric Weinstein

So one possibility.

01:26:16:10 - 01:26:19:03

Eric Weinstein

Is, let's be honest, if you are.

01:26:19:03 - 01:26:19:51

Eric Weinstein

Faking.

01:26:19:51 - 01:26:22:44

Eric Weinstein

UFOs, the last you want.

01:26:23:11 - 01:26:27:30

Eric Weinstein

Are the world's most brilliant physicists. You give them the data, they're going to say.

01:26:27:52 - 01:26:31:13

Eric Weinstein

Oh, look, I see what you did. You put a couple.

01:26:31:13 - 01:26:38:11

Eric Weinstein

Of with lasers into the sky and you can move them really quickly by the angle that creates the illusion that something is zipping through the world.

01:26:39:00 - 01:26:40:24

Eric Weinstein

Right? If you are.

01:26:40:24 - 01:27:02:13

Eric Weinstein

Faking UFOs, if you're faking a UFO orgasm, the last thing you want is theoretical physicists on the case. So that would be one reason to clear them out. Another reason would be bureaucracy. You've got these rival groups. They're all starved for money. Nobody wants to invite somebody smarter than they are. So the problem with a B level and sea level players is that they're looking for DNF players so that they're not threatened.

01:27:02:29 - 01:27:07:15

Eric Weinstein

That's another possibility. A different possibility is that we do have a.

01:27:07:15 - 01:27:09:55

Eric Weinstein

Manhattan project and we don't know about it.

01:27:10:48 - 01:27:30:30

Eric Weinstein

So example, we have a manhattan Project for decoding cryptographic messages, and it's called the National Security Agency, NSA, and it used to be called no such agency because we wanted to deny its existence, but now we know it's got a giant building. How do you know that it exists if nobody told you? Well, you'd look at the number of number.

01:27:31:17 - 01:27:31:44

Eric Weinstein

PhDs.

01:27:32:40 - 01:27:47:29

Eric Weinstein

And people who specialize in things like elliptic curves, and you would notice that a giant number of them, after their PhDs disappear and you track to say, Well, where do those people live? Where do those names live? Oh, they live in Virginia. Okay. So you start to get an idea.

01:27:48:14 - 01:27:50:52

Eric Weinstein

Now, in the case of UFOs.

01:27:51:19 - 01:27:53:15

Eric Weinstein

If there was an anti-gravity project.

01:27:53:29 - 01:27:54:19

Eric Weinstein

Which is.

01:27:54:48 - 01:28:00:23

Eric Weinstein

A it's like it's painful for me to even say these words, really what it would be is a post Einstein in physics.

01:28:00:23 - 01:28:00:48

Eric Weinstein

Project.

01:28:01:42 - 01:28:04:04

Eric Weinstein

If you had a post Einstein in physics project.

01:28:04:26 - 01:28:05:11

Eric Weinstein

You would want.

01:28:05:11 - 01:28:11:15

Eric Weinstein

Three subspecialties for sure. That would be differential geometry, which is the basis.

01:28:11:43 - 01:28:12:16

Eric Weinstein

For.

01:28:13:37 - 01:28:49:24

Eric Weinstein

Originally general relativity. In 1976, 75 two guys named CNN and Jim Simons, who Jim Simons becomes the world's greatest hedge fund manager. Figure out that quantum field theory is also based on geometry, but it's a different version of differential geometry. So that's one specialty that you would want. Second specialty that you would want would be particle theory or high energy physics, But you want to say in the third specialty you would want is general relativity.

01:28:50:20 - 01:29:34:08

Eric Weinstein

So if you wanted to detect whether we had a secret Manhattan Project, but it wasn't identifiable by a building because we didn't announce its existence, you'd say, Is there anything that eats those three specialties unless you believe that there's a secret university system? Because have lists of everybody who gets produced with a Ph.D. in these fields. If that was the case, the two places that you would have a secret place would be Austin, which is the successor to the Institute for Field Physics at the University of Texas, Austin Gravitational Group G r General Relativistic Group, which has had John Archibald Wheeler, Steven Weinberg, Bryce DeWitt.

01:29:34:49 - 01:29:54:09

Eric Weinstein

This is a powerhouse of a place that you happen to live in, and you should have these people who are the successors to these people on because most of these people have died. But the more spectacular place would be stuck at Long Island. The State University of New York at.

01:29:54:09 - 01:29:54:50

Eric Weinstein

Stony Brook.

01:29:55:48 - 01:29:58:57

Eric Weinstein

Has an astounding collection.

01:29:59:02 - 01:29:59:27

Eric Weinstein

Of.

01:29:59:49 - 01:30:30:14

Eric Weinstein

Monster minds, and it's not highly regarded as a university. I mean, it's strong, but you would have no idea how strong this place is. It's got multiple fields, medalists. It's got an institute called the what is it, the Center for Geometry. Simons Center for geometry and physics. See, Yang, who's arguably the greatest living theoretical physicist, is at this university, is 101 years old.

01:30:30:14 - 01:30:36:32

Eric Weinstein

So he's he's pretty much on his way out. But this is where he called home. And it's.

01:30:36:32 - 01:30:37:01

Eric Weinstein

Not.

01:30:37:17 - 01:30:53:45

Eric Weinstein

Advertised as the powerhouse that it is. So shout out to the State University of New York at Stony Brook. If I was going to locate a Manhattan Project in Plain Sight and get U.S. News and World, this is a minor player in in research. That's where I'd.

01:30:53:45 - 01:30:56:06

Eric Weinstein

Go. But more importantly.

01:30:56:38 - 01:31:21:52

Eric Weinstein

And this is the really weird thing, Again, I don't want to spread this as a rumor, but I am saying this If you wanted to imagine that there was that the government wasn't incompetent and we actually had great people on, this project, my friend and advisor who's now died, Isidore Singer, once said to me, he said, The world's greatest mathematics and physics department is Renaissance technologies.

01:31:22:40 - 01:31:23:02

Eric Weinstein

I said.

01:31:23:33 - 01:31:28:21

Eric Weinstein

What didn't make any sense to me. It's a great.

01:31:28:21 - 01:31:29:13

Eric Weinstein

But it's a hedge fund.

01:31:30:32 - 01:31:55:31

Eric Weinstein

Okay, so you've got this weird thing where you've got three basic institutions that are very closely intertwined. You've got Brookhaven National Laboratory, you've got State University of New York at Stony Brook, a mid-level university with an out of this world math and physics program. And you've got a hedge fund that makes more money than anybody can possibly imagine.

01:31:56:51 - 01:31:58:17

Eric Weinstein

Like there's no.

01:31:59:06 - 01:32:02:51

Eric Weinstein

There used to be four fortunes in hedge funds that didn't make any.

01:32:02:51 - 01:32:05:58

Eric Weinstein

Sense. One was D.E. Shaw.

01:32:06:19 - 01:32:32:40

Eric Weinstein

One was Bernie Madoff, one was Jeff Epstein, and one was Renaissance Technology. And I guess that Bernie Madoff was head of legitimate business and an illegitimate and he was front running the legitimate business with his illegitimate business so as effectively stealing from his own clients in two separate in one division, one was the theft, one was the dupes.

01:32:33:59 - 01:32:48:30

Eric Weinstein

I got that wrong. He was just running a Ponzi scheme, so shame on me. But I was giving talks about, you know. There's BlackRock and Blackstone as investment groups and I was going around in the early 2000s talking about black arts capital.

01:32:48:41 - 01:32:48:50

Eric Weinstein

And.

01:32:48:50 - 01:32:52:15

Eric Weinstein

Would give talks on black arts capital. We'd tell you what we're doing, but we'd have to kill you.

01:32:53:18 - 01:33:24:37

Eric Weinstein

And that was a reference to Madoff and Epstein because Epstein's fortune made no sense. Right Renaissance has existed in its Medallion Fund for decades, has turned in a performance never seen by anything else remotely effectively, just a money printing machine. No one knows how it works. I've met with Jim Simons one on one for 3 hours, and because his wife is an economist, my wife is an economist, I'm a differential geometry.

01:33:24:37 - 01:33:43:31

Eric Weinstein

He's a differential geometry. I gave him this entire theory that all of modern neoclassical economics is actually differential geometric. And 3 hours later he's been chain smoking, smokes like a chimney, never wears socks, very eccentric guy, brilliant as the day is long still alive. Go get him for a guest.

01:33:47:45 - 01:33:54:53

Eric Weinstein

He says. Well, that's brilliant. If you knew what we were actually doing, you'd be very disappointed.

01:33:54:53 - 01:33:54:57

Eric Weinstein

He said, I never thought of that. Now, a little while later, and if you know who Brian Keating is, he's a professor at UCSD. He's experimentalist. Jim is basically his uncle and he calls me out to Santa Barbara and Jim is having dinner at his brother's house and.

01:34:14:16 - 01:34:39:23

Eric Weinstein

What you guys don't know about Jim Simons is that with a guy named SS Chern, he came up with something called the Chern Simon's function or Chern Simon's functional, where if you differentiate this thing, the way you differentiate the Einstein Hilbert functional, you get an equation that looks very similar, the Einstein field equation for gravity only, it looks a lot more like particle theory.

01:34:39:23 - 01:34:42:27

Eric Weinstein

So I told Jim, I said, I don't know if you know this or you don't know this, but I think you're sitting on top of a piece of the puzzle that supersedes general relativity. And on the spot he asked me whether I wanted to come out to the State University of New York at Stony Brook for a year to work on this.

01:35:00:55 - 01:35:29:16

Eric Weinstein

We had a very technical conversation. Jim Simons is potentially, I mean, beyond brilliant, but also has a claim on a part of what I believe is going to supersede general relativity by imitating the Einstein Hilbert action from which the Einstein field equations are derived. This thing generates something which you would call the Chern Simons equation. Ed Witten gets the Fields Medal for quantization.

01:35:29:16 - 01:35:57:18

Eric Weinstein

This thing that looks like gravity but is actually sort of particle theoretic and I can't get into it because we don't have the common language to do. This is huge stuff. What's going on at Stony Brook? What has happened? Stony Brook is ground zero for the explosion in mathematical physics that came through something called the Wu Yang Dictionary, where suddenly the quantum became as geometric as general relativity.

01:35:57:39 - 01:36:15:27

Eric Weinstein

Then it got more geometric through something called quantization. Then it got more geometric through something called geometric quantum field theory or topological quantum field theory, conformal quantum field theory. I don't know whether subtle it is the locus. Can you bring up the iconic.

01:36:15:27 - 01:36:16:01

Eric Weinstein

Wall.

01:36:17:07 - 01:36:19:57

Eric Weinstein

Picture of the iconic wall? This is like a religious artifact.

01:36:20:09 - 01:36:25:04

Joe Rogan

Let me p hold us through here. What's going to hold right here with this? We'll bring that up.

01:36:25:15 - 01:36:27:27

Eric Weinstein

We'll be right back. We're back.

01:36:28:30 - 01:36:33:19

Joe Rogan

Okay So, Jamie, what is this thing that you're pulling up?

01:36:33:19 - 01:36:44:56

Eric Weinstein

We have a picture here of the iconic wall at Stony Brook. It's a little hard to see in the picture, so that is what is on it. Okay, so this is like imagine ancient.

01:36:44:56 - 01:36:45:57

Eric Weinstein

Egypt, Egyptian.

01:36:45:57 - 01:36:49:39

Eric Weinstein

Ruins. Mhm. And like the most crazy.

01:36:50:34 - 01:37:06:03

Eric Weinstein

First of all I would correct this thing in a million different ways, but you see the Tsinghua Index theorem equation for the curvature tensor, Maxwell's equations in geometric form written out in differential form equations for string theory.

01:37:06:55 - 01:37:08:13

Eric Weinstein

This thing e^8 .

01:37:09:37 - 01:37:16:30

Eric Weinstein

The 248 largest simple group in the world. This is like almost a religious pilgrimage site.

01:37:18:30 - 01:37:20:22

Joe Rogan

What's wrong with that? You would correct.

01:37:20:34 - 01:37:26:23

Eric Weinstein

You want to put it up? Yeah.

01:37:26:23 - 01:37:53:11

Eric Weinstein

D the star of f at the bottom of the ellipse equals zero is only the vacuum I would put in a term called J . The above that you see dim kurdy, this is the it a singer is a door singer. That thing should be expanded to something called the a tier Bertoni singer index Theorem four manifolds with boundary.

01:37:53:25 - 01:38:09:23

Eric Weinstein

Above that you see the Dirac equation $i\hbar \frac{d}{dt} \psi = H \psi$ equals zero. Actually, if I'm correct, it should be a hybrid between the Schrodinger and the Dirac equations based on a three complex tensor with a spinor.

01:38:10:40 - 01:38:11:04

Eric Weinstein

Above.

01:38:11:04 - 01:38:36:55

Eric Weinstein

That you have a non relativistic equation which is the Schrodinger equation because there's only one derivative in terms of t , but there's that noble of that triangle which is different in terms of space. So you can't treat space and time asymmetrically. Above that you have the Einstein field equations. Erm you knew minus one half our terms, Jimmy knew there should be a cosmological constant in there which is missing to the right.

01:38:36:55 - 01:38:57:28

Eric Weinstein

You have the E8 diagram should be the tits Freudenthal Magic square. So I don't know whether this is like a Strauss in communication in the sense that if you're smart enough, you should know that there are tons of errors, limitations, and bad choices. I would not write out the Maxwell above that you've got these knobs to be knobs equals zero.

01:38:57:36 - 01:38:59:36

Joe Rogan

What's the other possibility in terms of these errors?

01:39:00:16 - 01:39:08:27

Eric Weinstein

Somebody hired somebody to do something impressionistic and it got too far in the process carving Indiana limestone before they figured out that you should really do this better.

01:39:09:12 - 01:39:10:15

Eric Weinstein

But this is.

01:39:10:15 - 01:39:21:10

Eric Weinstein

Gorgeous and it's the only place in the world. This is my language, Joe. This if you ask, like, what language does Eric speak and why does he act weird? I'm when he comes on my show, this is my.

01:39:21:10 - 01:39:23:51

Eric Weinstein

Native language and beautiful.

01:39:23:51 - 01:39:24:52

Joe Rogan
Piece.

01:39:24:52 - 01:39:25:58

Eric Weinstein
I mean, beyond.

01:39:26:43 - 01:39:27:36

Joe Rogan
It's really wild.

01:39:27:39 - 01:39:31:21

Eric Weinstein
And it costs a fortune. And this is Jim Simons money at.

01:39:31:21 - 01:39:42:54

Eric Weinstein
Work and you need to know. Jim Okay. I mean.

01:39:42:54 - 01:40:03:05

Eric Weinstein
So my question is, is there some do we have a project? If it's not, if we're not doing something and so tuck it when we're not doing something at the University of Texas at Austin, I'm worried we're not doing something anywhere. I went to the Institute for Advanced study to visit friend acquaintance Nima Haqqani Hamid who I think very, very highly of.

01:40:04:12 - 01:40:04:58

Eric Weinstein
But he.

01:40:04:58 - 01:40:06:45

Eric Weinstein
Said some pretty wild things.

01:40:07:22 - 01:40:07:28

Eric Weinstein
You.

01:40:07:51 - 01:40:15:41

Eric Weinstein

Should be on the show is the most bizarre thing and that he's an unbelievable salesman showman who's pathologically honest in a weird.

01:40:15:41 - 01:40:15:54

Eric Weinstein

Way.

01:40:16:44 - 01:40:39:37

Eric Weinstein

So it's very unusual characteristics. He made the point, he said the Casimir effect is an example of negative energy negative like negative mass energy, where you take two plates that are so close together that quantum waves, many of the frequencies, can't fit between these two plates. And so the pressure outside of them is not counterbalanced by pressure between them.

01:40:39:37 - 01:40:54:00

Eric Weinstein

So they get forced together when they're very, very close. And his point is that's an example of actual negative mass negative energy where we pretend that that's not true. He says geckos actually use this when they climb up a wall, they use the [Casimir effect](#). So it's.

01:40:54:00 - 01:40:54:39

Eric Weinstein

Real.

01:40:54:39 - 01:41:05:56

Eric Weinstein

Now the question, can you harness it? This is always, you know, you've got UFOs, people who try to think about how you could get physics to do these things. Focus on the [Casimir effect](#), or they'll focus.

01:41:06:27 - 01:41:06:57

Eric Weinstein

On.

01:41:06:57 - 01:41:26:29

Eric Weinstein

Negative energy solutions. Now, if you look at that 1957 conference at the University of North Carolina, Chapel Hill, one of the most eminent mathematician physicists who was first Randle at Cambridge, was a guy named Hermann Bondi, an Austrian, I think mathematician in his paper is about negative mass in general relativity.

01:41:27:41 - 01:41:29:52

Eric Weinstein

Now, I don't know if you've ever heard of this stuff.

01:41:30:12 - 01:41:30:34

Joe Rogan

No.

01:41:31:33 - 01:41:56:04

Eric Weinstein

If you have two masses in general, they always attract each other gravitationally. But what if somehow you had a different kind of mass that was negative, just like you could have negative and positive charges? Well, weirdly, you change two things. You change the force law F equals $M \cdot A$, and you change the gravitational law. G You know, F equals $g M$ first mass times, second mass over R squared.

01:41:56:45 - 01:42:11:56

Eric Weinstein

So when you change both of those, oddly, the negative mass is still attracted just the same way to the positive mass, as if there was no difference. But the positive mass is always repelled. So you get this weird solution where the negative mass chases the positive.

01:42:11:56 - 01:42:12:21

Eric Weinstein

Mass.

01:42:12:55 - 01:42:38:00

Eric Weinstein

And they go off to like, you know, unbounded acceleration. So Bondi was thinking about why is it that we've got these artificial conditions and general relativity, which we impose by hand, They're not the same beautiful marble that Einstein used for his field equations, but we throw some extra crappy stuff in called positivity conditions to stop general relativity from giving us madness.

01:42:38:56 - 01:42:54:00

Eric Weinstein

So mind you started asking the question, maybe we shouldn't maybe what you think of as madness has meaning. And this is why this this conference, which is the confluence of the two families, the witness and the.

01:42:54:00 - 01:42:54:34

Eric Weinstein

DeWitt's.

01:42:55:01 - 01:43:24:57

Eric Weinstein

With Feynman and Wheeler and all of these unbelievable characters in attendance, is this pivotal, strange experiences that people are smoking the ganja on extending general relativity to that it's never been extended, and the high brow version of this doesn't work, and the lowbrow version of this doesn't work. So far as we know, the lowbrow version is called pseudoscientific anti-gravity gravity shielding Electro gravity x gravity dynamics.

01:43:25:53 - 01:43:35:04

Eric Weinstein

The hybrid version of this is called quantum gravity, and all the most respectable people are in it and it doesn't work. And you can't say, Why are we doing this? If it doesn't.

01:43:35:04 - 01:43:35:22

Eric Weinstein

Work.

01:43:36:09 - 01:43:50:13

Eric Weinstein

Why can't I say Edwin's great? But he made a terrible blunder. David GROSS Should David GROSS and Edwin should be in front of the community explaining, Did you take all the smartest people, all the resources, all the attention?

01:43:51:46 - 01:43:52:35

Eric Weinstein

Michio Kaku.

01:43:52:46 - 01:44:01:51

Eric Weinstein

Gete Michio Kaku in here with me. Michio is *out of control*. Sean Carroll is covering up for this as well.

01:44:02:36 - 01:44:03:14

Eric Weinstein

In what way?

01:44:04:10 - 01:44:09:43

Eric Weinstein

They're too kind. Brian Greene. Like I had this interchange with Brian Greene where I said.

01:44:10:13 - 01:44:15:23

Eric Weinstein

You know, we're not being honest.

01:44:16:03 - 01:44:17:25

Eric Weinstein

About the failure of string.

01:44:17:25 - 01:44:22:03

Eric Weinstein

Theory. And Brian's like, Oh, well, maybe we were a little bit exuberant. I could blurt out.

01:44:22:31 - 01:44:47:11

Eric Weinstein

Institute for Arts and Ideas. I blurted out, That's like saying M.I. My why was irrational exuberance? No, You put a lot of people's careers in the in the shredder in order to have this quantum gravity experiment, which is like, you know, the people bowing and praying to this thing that doesn't work, the dog doesn't hunt, and anybody who questions it is a crackpot.

01:44:47:52 - 01:44:48:52

Eric Weinstein

I'm done with this.

01:44:48:52 - 01:44:50:02

Eric Weinstein

Joke like.

01:44:50:34 - 01:45:10:31

Eric Weinstein

You to come at me and say, Eric doesn't know what he's talking about. I'm debating physicists, not debate anybody, with the possible exception of Ed Witten still scares me, but I'll probably debate him too, in open form. We have got to purge the physics community of it's quackery and the quackery is coming from the high prestige version of this.

01:45:10:49 - 01:45:20:34

Eric Weinstein

The high prestige version of antigravity is called quantum gravity and it just doesn't work. So to get back to the UFOs.

01:45:20:34 - 01:45:20:54

Eric Weinstein

Why.

01:45:20:54 - 01:45:21:55

Eric Weinstein

Is this stuff important?

01:45:23:29 - 01:45:23:57

Eric Weinstein

One.

01:45:25:27 - 01:45:41:24

Eric Weinstein

I don't know. For years, five years ago when I was doing this riff on the twin nuclei problem, I said, We've got to get off this planet. And I said, We now become gods. But for the wisdom, I just threw it off. And you said, Focus on that. That's a great thing. Turned out to work. That came true.

01:45:42:19 - 01:45:53:02

Eric Weinstein

The COVID in your lungs probably came out of the Wuhan Institute of Virology and were lying about it. That is, engineer thing the nucleus of the cell, the nucleic acids that we found, the.

01:45:53:02 - 01:45:56:49

Eric Weinstein

Structure of their function. Right now we are screwing around.

01:45:56:49 - 01:46:29:07

Eric Weinstein

With Vladimir Putin with nukes pretending that the sacred borders of Ukraine, which have been fluctuating for centuries, are somehow sacrosanct and yes, it's terrible that he's invaded. And I do think that the borders shouldn't move, but we really shouldn't have been antagonizing Russia by pretending that there's no concept of a sphere of influence. Because I'll tell you, when somebody puts nukes on our border with Mexico in Monterrey or Baja, California, we're going to be plenty upset.

01:46:29:07 - 01:46:30:34

Eric Weinstein

We now need to leave.

01:46:31:13 - 01:46:32:42

Eric Weinstein

And I tried to say.

01:46:32:42 - 01:46:32:56

Eric Weinstein

That.

01:46:33:27 - 01:46:40:26

Eric Weinstein

Kind of a little bit like tongue in cheek, everything's accelerated. Think about our water having broken in the last three years.

01:46:41:49 - 01:46:42:41

Eric Weinstein
This is our womb.

01:46:43:44 - 01:46:51:28

Eric Weinstein

It's time to go. And in order to have any hope of getting off this planet, you can't leave it to Elon in chemical rockets.

01:46:51:45 - 01:46:53:11

Eric Weinstein

Can you imagine that you want. And I do.

01:46:53:11 - 01:47:13:12

Eric Weinstein

Not meet ever. It's like we know a million people in common. He knows that I'm focused on getting off this planet. He's got a chemical rocket company. He's exactly right about almost everything that he's saying up until he gets to the moon and Mars and like, who cares? You're not going to terraform the moon and Mars in the next three years or 30.

01:47:14:40 - 01:47:31:39

Eric Weinstein

The only way to really get off this planet is to leave the solar system, because those are the only two rocks that are even halfway viable. And if you think about how far away everything is, we've got this thing that I call the Einstein moat, the nearest star. If we took a human traveling at the top speed of human has ever gone.

01:47:31:39 - 01:47:46:31

Eric Weinstein

And I think as a hundred thousand years away at that top speed, so you can fantasize about, Oh, yeah, we just come up with huge ships and people have multigenerational experience. All of Jewish history is 5000 years. You're talking about 100,000 years.

01:47:46:31 - 01:47:47:36

Eric Weinstein

There's no way.

01:47:47:36 - 01:47:48:27

Eric Weinstein

You're going to do this on a.

01:47:48:27 - 01:47:51:09

Eric Weinstein

Ship. Project Wars on a ship. Yeah, exactly.

01:47:51:32 - 01:47:53:52

Eric Weinstein

And then you have this next problem, which is.

01:47:54:32 - 01:47:55:08

Eric Weinstein

Oh, we're going to.

01:47:55:08 - 01:47:55:58

Eric Weinstein

Use time dilation.

01:47:55:58 - 01:48:02:07

Eric Weinstein

No, no, we're going to use wormholes. It's like, Yeah, and we're going to bring nunchucks and throwing stars and we're going to be like, fucking awesome.

01:48:02:07 - 01:48:28:01

Eric Weinstein

Do Right? So it's like all these sort of weird, edgy stuff inside. Here's what's really happening. We do not live in space time. This place is not space time. There's a saying the map is not the territory. Space time is a map, but the territories, wherever we actually live in space, time has so many limitations on it that Newton never placed.

01:48:28:01 - 01:48:42:00

Eric Weinstein

So the longer we stay with no advancement in the general theory of relativity, the more we feel that we are imprisoned here. We're not going anywhere. It's all sci fi, it's all garbage. It's it's children talking about things that aren't true.

01:48:42:00 - 01:48:43:55

Eric Weinstein

What bullshit.

01:48:43:55 - 01:48:49:24

Eric Weinstein

Every time you fundamentally push physical theory, you better figure out whether you've got a new neutron.

01:48:49:24 - 01:48:49:58

Eric Weinstein

Or worse.

01:48:50:16 - 01:49:09:41

Eric Weinstein

Or better. You're going to get a lever. Now, my claim and so everything I've said up until now has been idiosyncratic research, but you can check it online. None of this is something you can't check. I'm now going to put on a different hat when you ask me about you, Eric, because people are going to say crank crazy or whatever.

01:49:10:22 - 01:49:37:44

Eric Weinstein

I'll meet you on the field of battle. Cut the crap people. I am a post Einstein in person. I have not been in a relativistic context for years and the reason that you get to leave relativity is that you recover relativity from another theory. If you have a theory that includes relativity, you can say, okay, yeah, I know how to see relativity inside the theory, but I can also see other stuff beyond it.

01:49:37:57 - 01:50:02:47

Eric Weinstein

And so that's where I work, some place called Geometric unity, because the geometry underneath the standard model and the geometry underneath relativity is two different geometry. It's called remaining and eris money. I combined them. That was the point of it in this thing, there's a very clear idea about how you would go about traveling great distances. And so I found that you still have this thing from the last year or two years ago.

01:50:03:36 - 01:50:12:43

Eric Weinstein

So this a model of a space time metric. And if you think about where these hair ties are on the two rulers, so this is the angle between.

01:50:12:43 - 01:50:16:17

Joe Rogan

People just listening. There's an adjustable ruler with a sphere.

01:50:16:43 - 01:50:18:57

Eric Weinstein

Or a circle brother. So two two rulers.

01:50:18:57 - 01:50:34:19

Eric Weinstein

Coming out of a protractor and you can change the angle of the ruler. So whatever I choose this to be is 90 degrees. If I do it like this, that's still 90 degrees or this. That's what an Einsteinian metric is. This hair tie that I can move up and down is going to be the time measurement like watch.

01:50:35:34 - 01:50:43:49

Eric Weinstein

Did you ever see when I gave Lex my watch. No. Yeah. So you gave Lex a watch and I started talking about multiple time dimension. So I gave him my Fitbit.

01:50:43:49 - 01:50:46:40

Eric Weinstein

Anyway, if you want.

01:50:46:55 - 01:51:12:12

Eric Weinstein

To go a very long distance, one possibility is, is that you do something very energetically expensive, but the other possibility is grow the ruler to shrink the distance. If the rulers and protectors that Einstein used, he chose one through his equation, are instead variables and you have full access to them. If I wanted to go a very long distance, the first thing I do is grow the ruler.

01:51:12:12 - 01:51:20:22

Eric Weinstein

To shrink the distance, then go the distance under that ruler, and then I'd shrink the ruler back. So we talk about things like, Oh, these things are.

01:51:20:22 - 01:51:21:46

Eric Weinstein

Behaving like nothing I've ever.

01:51:21:46 - 01:51:30:59

Eric Weinstein

Seen. Well, there are a couple of things that I'm worried about if these things are real. One is, does somebody else know how to grow.

01:51:30:59 - 01:51:31:33

Eric Weinstein

Rulers.

01:51:32:06 - 01:51:58:57

Eric Weinstein

And shrink rulers and growth watches and shrink watches, speed them up, slow them down in order to get in control of the thing that we thought was space time. The next issue is, are there multiple temporal dimensions? So, Eric, your friend has had too much coffee, believes that they're either six or four extra temporal dimensions and whatever isn't temporal is spatial.

01:51:58:57 - 01:52:23:40

Eric Weinstein

So it's either four plus six or six plus four extra dimensions split between time and space. If that's true, try to imagine extra dimensional engineers who have full access to something where

there's no arrow of time. The only time an arrow of time is if time is one dimensional. If time is two dimensional.

01:52:23:56 - 01:52:24:27

Eric Weinstein

You have a.

01:52:25:24 - 01:52:49:24

Eric Weinstein

Whirlpool of time which is either clockwise or counterclockwise. If it's three dimensional, you have a right hand rule of time and there's a left hand rule of time. These are called orientations. My belief is that may be looking at something that has access to either four or six additional dimensions. And again, I'm reading this off of a page of equations and notes.

01:52:49:24 - 01:53:09:55

Eric Weinstein

And so you know what they mean in physical reality. In other words, if this thing on the page is true, holy shit. On the other hand, if it's just some geometry, then you don't worry about it. You say, okay, well, extra dimensions. I can think in 17 or three. What doesn't matter. It's not that hard to think of higher dimensions spatially for people who do what I do.

01:53:10:58 - 01:53:30:52

Eric Weinstein

Almost none of us can think in multiple temporal dimensions. There's one guy in Los Angeles at USC called Yitzhak Barres at Turkish Jew, who keeps talking about two time physics, and I've spoken to him, but multiple temporal dimensions would be a decisive game changer in terms of changing everything that we know about the world.

01:53:31:13 - 01:53:38:33

Joe Rogan

And what would be the technology that someone could use to access that. Well, that's the big thing.

01:53:38:33 - 01:53:42:03

Eric Weinstein

I know, I know. I know. You think about it.

01:53:42:48 - 01:53:46:13

Eric Weinstein

Know, you and I are both old enough to remember cassette tapes and vinyl.

01:53:46:13 - 01:53:48:37

Eric Weinstein

Albums on a.

01:53:48:37 - 01:53:59:25

Eric Weinstein

Cassette tape. You've played your favorite album all the way through like Dark Side of the Moon, and you want to play it again. You have to rewind through every song you just played.

01:53:59:51 - 01:54:03:54

Eric Weinstein

And you hear, All right, But that doesn't happen on an album.

01:54:04:17 - 01:54:22:31

Eric Weinstein

Towards the end of the turntable time, you would just the stylus would pick up and it would skip over all the stuff that you didn't want to hear again, and it would go back to some track that you did. Imagine you could do that with time. You didn't have to go back through time to go back in time.

01:54:23:33 - 01:54:28:42

Eric Weinstein

Do I even know what I mean? No, not really. I'm sort of at the edge of where I can actually say things.

01:54:29:18 - 01:54:30:21

Eric Weinstein

But you see, all.

01:54:30:21 - 01:54:50:36

Eric Weinstein

Of physics precedes from the time, from the assumption that time is one dimensional. We have this thing called deterministic propagation. So if you take quantum mechanics, there are really two rules. One is completely deterministic with no probability theory. You've got a system, you know its initial conditions and you say, if I know the laws of physics, I should be able to figure out where this is.

01:54:51:19 - 01:55:14:29

Eric Weinstein

You know, I take this later and I throw it up and I catch it and it described a parabola. Okay, initial condition, propagation, I measure it. It's completely determined by the point of release. In quantum mechanics, you have the second thing called quantum measurement, and that is this weird probabilistic thing that nobody understands. Everybody says.

01:55:14:29 - 01:55:18:37

Eric Weinstein

If you think you don't understand the quantum, you don't understand it, it's mind blowing, blah, blah, blah.

01:55:19:37 - 01:55:29:04

Eric Weinstein

But the first part of it is where we're trying to fit gravity. And when we quantized, I don't think gravity goes in that slot. I think that what you do is you don't quantized.

01:55:29:04 - 01:55:30:43

Eric Weinstein

Gravity, you harmonize gravity.

01:55:31:13 - 01:55:56:40

Eric Weinstein

Gravity is the observer. We say, well, when you make an observation, well, who's doing the observation? Is Joe doing the observation? Is Jamie doing the observation? Who's doing this observation? Who has the right to use the second rule for collapsing the state factor was Schrödinger's cat, no entanglement weirdness. Well, I think it's gravity. I think that part of the story is, is that gravity is observer through something called a pull back operation.

01:55:57:52 - 01:56:27:03

Eric Weinstein

And when you realize that, you realize that you don't know usually quantized gravity that where you want everything else. In fact, gravity is the only field living on the successor to space time. If I'm correct, there are two spaces called X and Y all the cool stuff in here the electrons, the quarks that make up everything that you and I are is living on y except for the metric the rulers and the protectors which lives on X, which is how you keep gravity separate.

01:56:27:30 - 01:56:53:34

Eric Weinstein

And the unification is the unification of these two things in a structure called a bundle. Now people will go over this and I'm sure professors will say, well, this is what Eric was saying was full of shit. No, no, he's actually making a point. This story about space time engineering, where you don't use the Einstein field equations because you're using the successor theory rather than in the Einstein theory.

01:56:53:34 - 01:56:56:07

Eric Weinstein

The entire planet was pulling on you and you needed to go.

01:56:56:07 - 01:56:56:25

Eric Weinstein

Pee.

01:56:57:32 - 01:57:03:46

Eric Weinstein

In your legs. I mean, obviously, buff, you fit. You just pulled against an entire to get out of your chair.

01:57:04:30 - 01:57:05:07

Eric Weinstein

And you want.

01:57:05:56 - 01:57:07:08

Eric Weinstein

That's how weak gravity.

01:57:07:08 - 01:57:07:19

Eric Weinstein

Is.

01:57:07:19 - 01:57:15:52

Eric Weinstein

That's how space and time is barely bent by all of Earth. Now, you're going to tell me about in Alcubierre three warp drive.

01:57:16:10 - 01:57:23:02

Eric Weinstein

Where? Okay, now here's what's going on. The ship is inside of this little bubble of warping. No, it isn't.

01:57:23:02 - 01:57:30:23

Eric Weinstein

If somebody spacetime engineering and they can get here from very far away, they're not using general relativity in the standard model.

01:57:30:23 - 01:57:31:44

Eric Weinstein

My friends.

01:57:31:44 - 01:57:53:29

Eric Weinstein

They're using successive theory, and we have become pussies. We are not going to look at successor theories because we all learned the lesson that everybody who tries to bet against the standard model loses. Everybody who bets against general relativity loses. And this is that speech that Morpheus has to give. I'm not going to lie to you now, everyone who's ever faced an agent who stood his ground.

01:57:54:03 - 01:57:54:52

Eric Weinstein

You know, has died.

01:57:55:12 - 01:58:01:15

Eric Weinstein

It's like, okay, tough shit. Now it's time. Are we Americans? Are we scientists? Are we cowboys?

01:58:01:15 - 01:58:01:57

Eric Weinstein

Or, you know.

01:58:03:48 - 01:58:19:06

Eric Weinstein

Please tell me we're Travis Pastrana and not some sort of diversity equity and inclusion committee? How is it that we move forward? Well, we take the ultimate risk. And what do we do it with our credibility? Watch my Wikipedia entry as I try to do this.

01:58:19:46 - 01:58:20:33

Eric Weinstein

Well, what do you.

01:58:20:33 - 01:58:31:24

Joe Rogan

Think they're using in terms of a technology to achieve these results? And do you think that this is being examined and this is being researched here on Earth.

01:58:31:24 - 01:58:32:20

Eric Weinstein

Or do you think we are.

01:58:32:20 - 01:58:33:12

Joe Rogan

Being visited?

01:58:33:21 - 01:58:47:04

Eric Weinstein

I don't know. But I know if I were the federal government, if I was the Department of Energy, and if I were DARPA and if I were any of these people and somebody went on the Joe Rogan experience with millions of.

01:58:47:04 - 01:58:48:32

Eric Weinstein

Viewers and listeners.

01:58:49:21 - 01:58:59:32

Eric Weinstein

And started talking like this, I would call them up. One of the last times I went on, not the last time. At the time before that, the FBI called me.

01:58:59:32 - 01:59:07:53

Eric Weinstein

You laugh. It's hilarious. It's not that funny to you. I bet it was the FBI. Well, that's Eric.

01:59:07:53 - 01:59:09:09

Joe Rogan

Why should his parents.

01:59:09:57 - 01:59:15:25

Eric Weinstein

Well, okay, why don't you have the Department of Energy call me? I mean.

01:59:15:50 - 01:59:17:06

Joe Rogan

Well, what did they talk to you about?

01:59:18:05 - 01:59:26:34

Eric Weinstein

Well, we're concerned about some of the stuff you were saying. I think they thought I sounded revolutionary like time for heads on Pikes Peak.

01:59:26:39 - 01:59:29:42

Joe Rogan

Oh, that.

01:59:30:32 - 01:59:41:20

Eric Weinstein

Oh, yeah. Because, like, Tulsi would put heads on people, you know, because Tulsi is like. Like that The Impaler. She's going to be going around with a, you know, chainsaw actually cutting people's heads.

01:59:41:22 - 01:59:48:03

Eric Weinstein

I probably should phrase it differently. Oh Stop it. So you say it's all about you.

01:59:48:34 - 01:59:49:35

Eric Weinstein

You say in.

01:59:49:35 - 01:59:51:39

Eric Weinstein

Me, that guy's a straight up killer.

01:59:51:39 - 01:59:54:18

Eric Weinstein

He's an assassin. You don't get a call from the FBI.

01:59:54:19 - 01:59:59:54

Joe Rogan

No, that's true. That's true. But that is actually a compliment if you use that for.

01:59:59:54 - 02:00:13:58

Eric Weinstein

Aaron in any field. In any event, I get occasionally called by somebody inside. And what I think they're doing. First of all, one, we may be faking a UFO situation for reasons that I don't understand.

02:00:14:06 - 02:00:25:30

Joe Rogan

If we are faking a UFO situation, do you think that there is technology that's available to people in the United States that is beyond current understanding of what's possible?

02:00:26:54 - 02:00:28:04

Eric Weinstein

90%? No.

02:00:28:22 - 02:00:29:29

Joe Rogan

90%? No.

02:00:30:32 - 02:00:56:55

Eric Weinstein

Because it's very hard. It's very hard to imagine physicists continuing to work on nothing for their entire careers. The number of people who are going to be retiring shortly, having never actually done physics as a physicist, we're talking about wasted lives. People are going to be very weird when they realize that they blew their entire career. And I believe I can say what many of these problems are.

02:00:56:56 - 02:01:10:35

Eric Weinstein

And if you want to humiliate me at a leading university, just ask me to talk. You can put it on video. You don't realize how many things. The standard model has subtlety wrong when we explain it to people. It's not that the Lagrangian is wrong, not that the.

02:01:10:35 - 02:01:12:18

Eric Weinstein

Rules are wrong, but.

02:01:12:18 - 02:01:32:27

Eric Weinstein

We say wrong stuff. We say like there are three generations that are only of matter, that are only distinguished by mass. In other words, there's three copies of this stuff here. This is like the wood version, and then there's the plastic version, and then there's the metal version. There aren't three. There are two generations plus an extra imposter generation, which looks like a generation.

02:01:32:27 - 02:01:42:39

Eric Weinstein

I mean, I can get into these things and that should be a provocation. And somebody says, Let's call this guy up, have him out and figure out what he's talking about. It doesn't matter. I don't think we're doing physics.

02:01:43:15 - 02:01:44:16

Joe Rogan

What do you think they're doing?

02:01:44:51 - 02:02:02:15

Eric Weinstein

I think we are playing paintball rather than going to war. And we're giving prizes for generals who command the command, the best paintball army. And then we're referencing everyone else who's actually trying to figure out how to fight to, well, have you submitted to the paintball competition?

02:02:02:54 - 02:02:05:22

Eric Weinstein

So, no, I don't want to do paintball.

02:02:05:22 - 02:02:12:30

Eric Weinstein

I understand that it keeps your skills up. I understand that some of them are transferable. But I mean, like you've been in street fights.

02:02:13:24 - 02:02:14:19

Joe Rogan

Not since I was ten.

02:02:14:20 - 02:02:23:20

Eric Weinstein

Yeah, well, I understand. Like, I haven't been for a long time. It's different than what you guys do in Brazilian jiu jitsu. There's lots of stuff you're not allowed to do.

02:02:23:38 - 02:02:24:28

Joe Rogan

Yeah, right.

02:02:25:01 - 02:02:27:41

Eric Weinstein

You get to a street fight, it's a completely different thing. Sure.

02:02:29:36 - 02:02:32:13

Eric Weinstein

What we're doing is not physics in the same sense.

02:02:33:16 - 02:02:36:37

Joe Rogan

So what they're doing is they're.

02:02:37:04 - 02:02:39:07

Eric Weinstein

We're doing safe stuff. Yeah, exactly.

02:02:39:09 - 02:02:39:52

Joe Rogan

They're exercises.

02:02:39:52 - 02:02:58:06

Eric Weinstein

And the exercises are keeping people limber. They're keeping people in a fighting mentality. It's not that Brazilian jiu jitsu has nothing to do with fighting. We've seen people use it in the street for sure. Right? But small joint manipulation is part of street fighting, eye gouging is part of street fight fighting, pulling a knife is part of street fighting.

02:02:58:42 - 02:03:20:56

Eric Weinstein

These things are not part of any reputable gym that you might go to. So I want to do the thing that isn't paintball. And I didn't want to do it up until recently because the danger of unleashing a neutrino, a neutron in the world is so high. Now I realize I'm done with that. You guys are willing to play footsies with Putin.

02:03:21:28 - 02:03:37:17

Eric Weinstein

You're not going to survive. You're not the responsible adults. I thought you were like, If I unleash a neutron and it leads to some sort of proliferation of deadly technology, it's on you. It's not on me. You're already taking risks that you shouldn't be taking.

02:03:38:51 - 02:03:55:35

Joe Rogan

So if you think 90% that this is not coming from here, you believe this because you don't think that the proper science in order to achieve these kind of results is being done by the people that you believe are capable of doing it?

02:03:55:49 - 02:04:10:04

Eric Weinstein

That is correct. I know that, for example, when I talked to Nima or when I talked to one elder saying or when I've talked to Nattie Cyber, these people are absolutely brilliant and they don't know the answer unless they're the greatest actors I've ever seen.

02:04:10:04 - 02:04:17:20

Joe Rogan

So the most brilliant physicists are looking at these supposed videos and what is the best?

02:04:17:40 - 02:04:18:54

Eric Weinstein

I don't know. So that's the.

02:04:18:54 - 02:04:19:19

Eric Weinstein

UFO.

02:04:19:49 - 02:04:20:54

Joe Rogan

What are you talking about then?

02:04:21:23 - 02:04:34:31

Eric Weinstein

They're not talking about things that can extend Einstein right there. Therefore, to get back to your technology question might have engineering applications because it's the engineering applications that are terrifying.

02:04:34:31 - 02:04:34:49

Eric Weinstein

Right.

02:04:34:49 - 02:04:41:42

Eric Weinstein

For the discovery of the neutron was one thing. The teller one design was its weaponization. So suddenly, you know.

02:04:42:21 - 02:04:43:44

Eric Weinstein

You can do the czar bomb.

02:04:43:44 - 02:05:19:58

Eric Weinstein

Or Castle Bravo. These unbelievable explosions which like the difference between there are there were civil war veterans who saw action in the Civil War, who lived to see Ivy Mike in the Pacific. So the Civil War was almost a thermonuclear war. Terms of human scale. It's not it's less than a hundred years difference. People have forgotten how terrifying, important, wonderful, jaw dropping and awesome physics is because it hasn't done anything that completely screws your mind.

02:05:21:18 - 02:05:23:15

Joe Rogan

Like Hiroshima and Nagasaki.

02:05:23:51 - 02:05:24:59

Eric Weinstein

Or Castle Bravo.

02:05:25:53 - 02:05:26:27

Joe Rogan

With Castle.

02:05:26:27 - 02:05:27:54

Eric Weinstein

Bravo. That was the.

02:05:27:55 - 02:05:30:34

Eric Weinstein

Test in the Pacific where we thought it was going be, like.

02:05:31:08 - 02:05:33:05

Eric Weinstein

Controlled in like or.

02:05:33:05 - 02:05:39:07

Eric Weinstein

With starfish, where we did an atmospheric explosion over Hawaii. And then the Russians, like, hold my beer.

02:05:39:09 - 02:05:44:06

Eric Weinstein

Novaya Zemlya Yeah, you know, we remember I'm.

02:05:44:06 - 02:05:54:27

Eric Weinstein

That guy five years ago who was saying we need aboveground nuclear tests because all you people have lost your fear. Like, yes, Eric is crazy, but he's correct.

02:05:54:43 - 02:06:00:55

Joe Rogan

Which this one. That's Castle Brown. Oh, my God.

02:06:00:55 - 02:06:01:17

Eric Weinstein

Right.

02:06:02:09 - 02:06:06:32

Joe Rogan

So they detonated in that facility and they expected it to be far smaller than it was.

02:06:06:32 - 02:06:07:19

Eric Weinstein

You know, they detonate.

02:06:07:19 - 02:06:08:09

Eric Weinstein

In the Pacific.

02:06:08:18 - 02:06:18:19

Joe Rogan

Right. But right next to that facility that was in the video? Yeah. That was at the facility that was initially filmed, like, yeah, what is this facility?

02:06:18:19 - 02:06:20:24

Eric Weinstein

It's it was in.

02:06:20:24 - 02:06:23:45

Eric Weinstein

A walk and forget atoll.

02:06:23:45 - 02:06:26:07

Eric Weinstein

So like, we just crazy.

02:06:26:07 - 02:06:30:32

Joe Rogan

How long ago that was and how close it was the Civil War if you really put it in that context.

02:06:30:32 - 02:06:31:01

Eric Weinstein

Well this.

02:06:31:01 - 02:06:31:49

Eric Weinstein

Is what I'm trying to say.

02:06:31:49 - 02:06:33:37

Eric Weinstein

Is what.

02:06:33:37 - 02:06:34:39

Eric Weinstein

I'm trying to tell you.

02:06:34:48 - 02:06:35:25

Eric Weinstein

Look at that.

02:06:35:49 - 02:06:38:58

Joe Rogan

You It's so insane.

02:06:39:01 - 02:06:40:22

Eric Weinstein

Have you done this in Oculus?

02:06:40:48 - 02:06:41:16

Joe Rogan

No, I have.

02:06:41:17 - 02:06:48:05

Eric Weinstein

No, I highly recommend if they're not going to let us do a nuke above ground so that we can save ourselves by fear.

02:06:48:27 - 02:06:52:55

Eric Weinstein

Look at that. This is. This is religious stuff.

02:06:53:07 - 02:06:53:36

Joe Rogan

Yeah, it is.

02:06:53:36 - 02:06:57:46

Eric Weinstein

Really like we are we we have announced if somebody is.

02:06:57:46 - 02:07:10:39

Eric Weinstein

Listening to these tests that we did, my belief is very shortly before you get the ability to traverse the cosmos, if that is possible. If that is possible, you let off a.

02:07:10:39 - 02:07:15:36

Eric Weinstein

Nuke, right? It's like, yeah, it's like, you know.

02:07:15:36 - 02:07:20:45

Eric Weinstein

You've had kids. There's some stuff that happens right before they figure out how to break out of the crib.

02:07:21:05 - 02:07:30:36

Joe Rogan

You know, that's part of folk, right? No fat man and little boy. That's a big part of you of that. Once they drop those, that's when all the UFOs started appearing.

02:07:31:51 - 02:07:33:03

Eric Weinstein

So the question is, is.

02:07:34:01 - 02:07:34:24

Eric Weinstein

You know.

02:07:35:54 - 02:07:54:12

Eric Weinstein

The analogy I give. So I talked to Avi about the following thing. I am a fan of something I called the scientific method. The usual scientific method makes a hidden assumption that it never voices, which is if we're going to study orchids, we assume that we are smarter than workers or if we're going to study several pods, right?

02:07:54:57 - 02:07:55:40

Eric Weinstein

Like an octopus.

02:07:56:22 - 02:07:57:27

Eric Weinstein

We think we're smarter.

02:07:58:24 - 02:07:59:11

Eric Weinstein

And what do we do?

02:07:59:40 - 02:08:19:17

Eric Weinstein

We disguise ourselves, we create artificial environments. We do all sorts of crazy things based on the fact that we're smarter than what we study. From everything from rocks to orchids. The doubly scientific method says, okay, assume that you're studying a rat in a maze, but you yourself are the rat in somebody else's maze.

02:08:19:57 - 02:08:20:42

Eric Weinstein

Now you have to look.

02:08:21:14 - 02:08:23:20

Eric Weinstein

Up the intelligence scale, not just.

02:08:23:20 - 02:08:23:42

Eric Weinstein

Down.

02:08:24:30 - 02:08:41:22

Eric Weinstein

And in the scientific method, you have to assume that whatever is studying you is hiding from you the way you are hiding from your subjects. So if you see somebody in a duck blind, for example, and he's studying ducks, you understand that somebody may be hiding from you and they might be able to use multiple dimensions of time.

02:08:41:22 - 02:08:46:13

Eric Weinstein

They may be able to cloak themselves in disguise themselves. Or for example, if you take microscopic.

02:08:46:15 - 02:08:48:57

Eric Weinstein

UFOs.

02:08:48:57 - 02:09:01:58

Eric Weinstein

This glass, this cup has a radius of R and a circumference of two πr . The disk that it spans is πr^2 or squared an area. But if you look at this cup, it's much larger than πr^2 .

02:09:01:58 - 02:09:03:55

Eric Weinstein

Because we pushed it out. Hmm.

02:09:04:24 - 02:09:13:13

Eric Weinstein

You could have a sphere where if you could cheaply engineer spacetime, not through the Einstein field equations, but through the successor theory that recovers Einstein.

02:09:13:37 - 02:09:14:15

Eric Weinstein

You could have.

02:09:14:15 - 02:09:37:10

Eric Weinstein

An entire stadium inside of a tennis ball. Just the way this cup doesn't blow your mind until you realize that it's area is much greater than πr^2 . You could y look for a giant floating thing in the sky if you could bend space and time and you could play with the rulers. The way I'm saying, I would put this in a tiny little profile.

02:09:37:10 - 02:09:37:40

Eric Weinstein

Whoa.

02:09:38:58 - 02:10:16:06

Joe Rogan

So we're only looking at it in terms of our understanding of the distance between objects, planets, gravity. We're looking at that, all that stuff where if it didn't exist, if somehow or another we lived in some contained environment, we had no concept of space whatsoever and then we gained access to it. We would be unbelievably overwhelmed if you lived in some sort of underground facility your entire life of this, and then day you got a chance to go outside and see

the Keck Observatory in Hawaii, right In a clear night with no moon, you would you would be overwhelmed.

02:10:16:06 - 02:10:21:54

Joe Rogan

You wouldn't be able to believe that the world was as big as it really was, or that the universe was as big as it was.

02:10:21:54 - 02:10:36:28

Eric Weinstein

Yeah, it's an impedance mismatch. If you watch meteor showers the way my family, it's religious, it's it's transformational, is transcendent. The problem, as you know from the default.

02:10:37:33 - 02:10:37:55

Eric Weinstein

Default.

02:10:37:55 - 02:10:55:57

Eric Weinstein

Mode network, right, is is that mostly what your brain is doing is not communicating information, but screening. Right. Your eyes, your phobia is precious because that's the thing that can resolve very high levels. But like I can barely see me out of the corner of my eye because my peripheral vision can't be at the same level as my phobia.

02:10:55:57 - 02:10:56:11

Eric Weinstein

I'd be.

02:10:56:11 - 02:10:58:48

Eric Weinstein

Overwhelmed right?

02:10:58:48 - 02:11:19:08

Eric Weinstein

So we're talking about tapping in to a picture of the world that we are not our brain is not prepared for the idea that time is multi-dimensional. That was the whole point of giving Lex another watch. We don't have a way to think about it. I'll meet you at 515 and 1230, according to two different scales of time.

02:11:20:06 - 02:11:26:13

Eric Weinstein

For example, time and space, if I'm correct, the 14 dimensional manifold that has all the quantum going on.

02:11:26:13 - 02:11:26:31

Eric Weinstein

On it.

02:11:27:16 - 02:11:41:27

Eric Weinstein

Is split probably seven and seven dimensions because we have six extra time dimensions and four extra space that add 6 to 1 and 3 to 4 and you get seven. So space time are interchangeable. There's a duality between.

02:11:41:52 - 02:11:42:12

Eric Weinstein

All.

02:11:42:12 - 02:11:47:47

Eric Weinstein

Of this stuff is like, you know, okay, now you hit on chicks in a bar.

02:11:47:47 - 02:11:49:33

Eric Weinstein

Hey, let me tell you something about space.

02:11:49:33 - 02:11:50:31

Eric Weinstein

And time you never thought.

02:11:50:31 - 02:11:57:18

Eric Weinstein

About, Oh my God. But that work worked for me. Why?

02:11:57:19 - 02:11:58:17

Eric Weinstein

I'm not in better shape.

02:11:58:17 - 02:11:59:56

Eric Weinstein

So do you.

02:11:59:56 - 02:12:16:13

Joe Rogan

Think now when you were talking about these people that that keep mentioning you and not giving you access to whatever they're talking about, do you think they're talking about some sort of an engineering solution to this type of technology.

02:12:16:13 - 02:12:18:55

Eric Weinstein

Anyone in striking distance in three years?

02:12:19:30 - 02:12:26:31

Joe Rogan

So how could they have something that you don't that's going to change your way of looking at it? Is it possible that you've missed?

02:12:26:31 - 02:12:31:48

Eric Weinstein

I can just be wrong. First of all, like, this is my this is my life's work.

02:12:31:48 - 02:12:33:19

Joe Rogan

This the way they phrased it to you?

02:12:34:06 - 02:12:34:49

Eric Weinstein

Which part?

02:12:34:53 - 02:12:37:33

Joe Rogan

The part about it changing the way you see the world.

02:12:38:39 - 02:12:40:55

Eric Weinstein

Eric. You know, like I'll.

02:12:40:55 - 02:13:01:04

Eric Weinstein

Complain about data and like, that's not the data we have. What we've been showing the public is downsampled meaning it. It's it's fuzzier, it's low resolution. Like how clear is it? As clear as you want. How clear are you that there's something to see? You can see it with your own eyes.

02:13:01:04 - 02:13:01:48

Eric Weinstein

There's no question.

02:13:02:31 - 02:13:05:56

Joe Rogan

I was, you know, just shut the fuck up. Let them show me. I'd be like.

02:13:05:56 - 02:13:06:41

Eric Weinstein
Let's go under.

02:13:06:41 - 02:13:08:09

Eric Weinstein
I'm not under any NDA.

02:13:08:13 - 02:13:10:00

Joe Rogan
I know, but I'm saying I.

02:13:10:01 - 02:13:12:05

Eric Weinstein
But you want to know. I want to know.

02:13:12:07 - 02:13:18:39

Eric Weinstein
Yeah, but I want to know in a different look. My life's work is a is a theory. It's one theory. My entire life is really about one theory.

02:13:18:55 - 02:13:19:12

Eric Weinstein
Okay?

02:13:19:35 - 02:13:22:42

Eric Weinstein
Like, I do this entertainment thing and I talk to people and all that stuff.

02:13:23:20 - 02:13:23:47

Eric Weinstein
Bullshit.

02:13:24:05 - 02:13:47:27

Eric Weinstein
Really. What I am is an academic who realized that you can't do academics inside of the university system and watch it disintegrate. Madness as we speak. I figured this out a long time ago. I want to know whether this is right or wrong. So much better, so much more than I want to know whether UFOs exist. UFOs, to me, are an indication of whether I'm right or wrong.

02:13:48:57 - 02:13:49:55

Eric Weinstein
It's data. It's an.

02:13:49:55 - 02:13:50:38

Eric Weinstein
Input to me.

02:13:51:23 - 02:13:53:06

Joe Rogan

Because if you're right, that means.

02:13:54:00 - 02:14:00:21

Eric Weinstein

If we have a future it means we can leave not the planet, but the solar system we can explore.
The cosmos are traversable.

02:14:01:28 - 02:14:02:00

Eric Weinstein

If we can.

02:14:02:00 - 02:14:24:21

Eric Weinstein

Leave, anything else can visit. If you look at the entirety of the universe and you imagine that ultimately there are societies that destroy themselves because they get atomic weapons before they figure out how to leave. Some societies are smarter than that, and they'll be able to leave and colonize the cosmos. And for them not to be here would be madness.

02:14:24:21 - 02:14:31:42

Eric Weinstein

If you've heard much my analogy, there is an island in the Indian chain called North Central Island.

02:14:32:34 - 02:14:33:34

Eric Weinstein

I know. Well, yeah.

02:14:33:37 - 02:14:38:40

Eric Weinstein

North Central Island is my model potentially of us. We are the North.

02:14:38:40 - 02:14:44:24

Joe Rogan

Central is the 39 people that are direct descendants of people left Africa, 60,000 years ago.

02:14:44:54 - 02:14:45:41

Eric Weinstein

Right. You know.

02:14:46:15 - 02:15:05:15

Eric Weinstein

We don't know if there's 39 or 300. They kill everybody who lands there. Essentially, there's a story that we actually buggered them. An English person buggered them, which is why they don't want anyone landing. Yeah, there actually are some very weird videos where we throw them coconuts because coconuts don't occur in their island and we actually have non-hostile contact.

02:15:05:15 - 02:15:17:45

Eric Weinstein

But the most important part of it is India. They do not know that they are claimed by something called India and they don't know they have a Fermi problem because India won't let anyone land unless they break the law.

02:15:19:10 - 02:15:19:42

Eric Weinstein

So the great.

02:15:19:42 - 02:15:42:57

Eric Weinstein

Filter of North Central Island is a model for don't we see anybody? Why aren't we clear? Does India exist at some sort of UFO level? Now this is the doubly scientific method you can at it. But then would you laugh at the North central these who are smart enough to say, I wonder if there's another society that's screening everybody from landing here?

02:15:42:57 - 02:16:04:15

Eric Weinstein

Now, what happens on north Central Island, if you're watching it and all these people with loin claws or no loin claws and spears and arrows and stupid stuff, suddenly you start hearing radio signals coming out of North Central, not you see a little mushroom cloud in the northeast of the island and you see little boats that start exploring around that seem to be propelled internal.

02:16:04:15 - 02:16:04:37

Eric Weinstein

You know, like.

02:16:04:58 - 02:16:22:21

Eric Weinstein

Are they burning the leaves of they invented internal combustion some point with the mushroom cloud. India says enough is enough. We cannot afford to let the North Sentinel these be treated as some sort of backwards who don't have anything developed that scares us with that. That's a mushroom cloud, man. That's time to go in.

02:16:23:00 - 02:16:24:07

Joe Rogan
Mm. I see.

02:16:24:10 - 02:16:39:54

Eric Weinstein

Right. So my claim is, is that you're not used to the doubly scientific method because there's been no reason to have a scientific method. Do you believe that the orchids are smarter? Possibly. There aren't that many species that are really smarter us. Look at all this shit we do. There aren't many that are dumber.

02:16:39:54 - 02:16:41:56

Eric Weinstein

Than us either, but not my point.

02:16:42:45 - 02:16:55:40

Eric Weinstein

Those sorts of models are what distinguish people who are going to get called crazy but aren't. Because it's an obvious point. You have to account for this possibility that there's something called India up in the skies.

02:16:56:13 - 02:16:58:31

Eric Weinstein

That doesn't want anyone landing here. Right.

02:16:58:47 - 02:17:20:49

Eric Weinstein

Who's monitoring what's going on. And they're not going to be infinitely patient if they exist, You know, if that's true and we can leave and we can't civilize ourselves and we bring this mad technology with us, this ability to destroy, I personally feel responsible in a way that my colleagues don't. They have this idea like, Oh, I'm a physicist, it's just fine.

02:17:20:49 - 02:17:25:53

Eric Weinstein

It's really interesting. It's a bunch of puzzles. My feeling is you doomed the human race and you don't.

02:17:26:06 - 02:17:26:40

Eric Weinstein

Feel.

02:17:28:24 - 02:17:47:38

Eric Weinstein

Responsible for building a lifeboat, for saving us for, like, what kind of a sociopath are you like? I'm not even a physicist, Joe. And I feel responsible. And this gets back, you know, to to some weird stuff about.

02:17:47:43 - 02:17:53:02

Joe Rogan

So they're not thinking about that. They're thinking about the equations they're working on, the thinking about the puzzles they're trying to solve.

02:17:53:02 - 02:17:55:05

Eric Weinstein

It's fun. They get to play, you know.

02:17:55:06 - 02:17:55:57

Eric Weinstein

Universe this.

02:17:56:40 - 02:17:58:51

Eric Weinstein

Puzzle than please.

02:17:59:15 - 02:18:07:01

Joe Rogan

It's not Do they not think of a way to leave Earth because they don't think it's insurmountable?

02:18:07:01 - 02:18:28:01

Eric Weinstein

Correct. They live in space time. They've crawled into the map, the prison built by Einstein. And they know that not right, because there are these two singularities. There's this singularity at the beginning of time, which we call the Big Bang, assuming the time or one dimensional. And it's part of something called the Friedman, Roberts and Walker Spacetime model.

02:18:28:42 - 02:18:35:43

Eric Weinstein

And there's another one at the bottom of the black hole called the Schwarzschild Singularity. And the fact space and time kink at these two.

02:18:35:43 - 02:18:36:17

Eric Weinstein

Points.

02:18:36:55 - 02:18:55:21

Eric Weinstein

Is an indication that we have something wrong too. A mathematician or a physicist. It says your equations work pretty well right up into the point where there's some error that you have that you don't understand and you have a code division by zero error. And if you could figure out your error, you don't know what sin you committed.

02:18:55:21 - 02:19:10:04

Eric Weinstein

But the way that you know you committed a sin is that you have a singularity. So they know that there's some successor theory and they'll give lectures about space. Time is doomed and I'm going to talk about non commutative geometry. But these are all ways of avoiding the fact that you haven't done your homework for 50 years.

02:19:10:15 - 02:19:10:37

Eric Weinstein

Okay.

02:19:11:18 - 02:19:17:16

Eric Weinstein

So Like there's some class that you're supposed to do and you haven't been in a long time. You don't want to show up and suddenly say, What?

02:19:17:16 - 02:19:20:36

Eric Weinstein

What's going on?

02:19:20:36 - 02:19:39:09

Eric Weinstein

That's what's happening. This they're living inside of Einstein's model. So when you say something, they'll say, Well, that's impossible because you can't go faster than the speed of light. And like, that's a spacetime concept. It's a nine stone in concept. You're not thinking post Einstein and you're not thinking about recovering Einstein or Einstein is what we would call an effective theory.

02:19:39:09 - 02:19:53:25

Eric Weinstein

You're thinking that you really live in space time, so you know what you can do, and then you fold your arms and say, Well, that's impossible. It's like, No, you have a limited map. You think that, you know, Greenland is the same size as north – as South America.

02:19:53:36 - 02:20:07:55

Joe Rogan

Okay, then as far as its application, what could you imagine would be a way that someone could actually apply these laws and these theories?

02:20:07:55 - 02:20:34:51

Eric Weinstein

So imagine for the moment this goes back to let me put my my Eric, the science person doing his own theory right, is my thing that I tried to give you last time I was here. If we imagine that there are two spaces and one of them is 14 dimensional and one of them is four dimensional and gravity them, that is the metric, the gadget.

02:20:36:01 - 02:20:40:19

Eric Weinstein

Think of a phonograph. The record is like the 14 dimensional.

02:20:40:19 - 02:20:40:42

Eric Weinstein

World.

02:20:41:25 - 02:20:43:02

Eric Weinstein

And your doors fan.

02:20:43:15 - 02:20:43:31

Eric Weinstein

Yeah.

02:20:44:02 - 02:20:49:13

Eric Weinstein

Okay, so you get doors one break on through to the other side is on the same side is a.

02:20:49:37 - 02:20:50:15

Eric Weinstein

Small kitchen.

02:20:51:05 - 02:20:57:12

Eric Weinstein

You don't hear breaking through to the other side or Soul Kitchen simultaneously they're both there on the record.

02:20:57:55 - 02:20:58:21

Eric Weinstein

Right?

02:20:59:38 - 02:21:02:49

Eric Weinstein

The phonograph imagine you're doing it on a Victrola somehow.

02:21:03:15 - 02:21:04:26

Eric Weinstein

You to to retro.

02:21:05:54 - 02:21:27:00

Eric Weinstein

You're listening to that record in four dimensions but it's a 14 dimensional record. So you and I are playing back a 14 dimensional quantum world, but we're only playing back slices of it. So the illusion is that we're having a four dimensional conversation. And because the Victrola part that that phone, his master's voice, is the four dimensional thing.

02:21:27:00 - 02:21:51:00

Eric Weinstein

And what's the stylus? It's the metric, it's gravity. The stylus is pulling off different data that is simultaneously existing. So it's like the record is the multiverse, but you don't think of it in these terms. You don't freak out and say, Oh my God, I'm holding the multiverse because like my fire is somewhat adjacent to socket. That is structure.

02:21:51:46 - 02:21:58:33

Eric Weinstein

That's what I believe is true. And we're having the discussion as if it's only the phonograph.

02:21:58:33 - 02:22:01:55

Eric Weinstein

The Victrola part. Hmm. If you could.

02:22:01:55 - 02:22:33:59

Eric Weinstein

Then go to the record, you don't have to scratch your way back. You can do these weird moves where you can light the stylus in different places and shrink things and grow things and change the angles and all this stuff. And you have engineering possibility. These like I'm I will say what I believe the internal properties of the particles that we have yet to find the dark matter, if you will, or I will tell you places that I believe the standard model is wrong and I'm happy to go down on the ship and move on with my life if I'm wrong.

02:22:34:58 - 02:22:47:07

Eric Weinstein

But I can't. I've been 40 years trying to have conversation with a competent person and every excuse under the sun is used to avoid talking about what I'm saying. And I'll say some that.

02:22:49:46 - 02:22:50:15

Eric Weinstein

When I.

02:22:50:54 - 02:23:21:16

Eric Weinstein

1987 around, I proposed a set of equations that were like the junior version of geometric unity. I was told that those equations were insufficiently nonlinear, that they involve spinners and spinners have nothing to do with something called self duality, that I had violated the spin statistics. There're a whole bunch of things. And I was invited to leave Harvard where they said, You have to move out of you cannot live in Massachusetts.

02:23:21:19 - 02:23:23:37

Eric Weinstein

I said, You don't have the right to tell me work.

02:23:24:12 - 02:23:28:44

Eric Weinstein

It's not part of our agreement.

02:23:28:44 - 02:23:32:22

Eric Weinstein

They said, If you want to continue in this department, you have to move out of Massachusetts.

02:23:33:27 - 02:23:34:22

Eric Weinstein

I only what.

02:23:34:22 - 02:23:35:47

Joe Rogan

Was the reasoning behind that?

02:23:36:50 - 02:23:39:07

Eric Weinstein

They thought I was wrong and crazy.

02:23:39:41 - 02:23:40:47

Joe Rogan

So. But well.

02:23:41:02 - 02:23:49:22

Eric Weinstein

Let me keep. Okay. In 1994, Edwin is giving a lecture.

02:23:50:15 - 02:24:10:55

Eric Weinstein

Yeah, in the main seminar room in building two and MIT Math Department, where I am now a postdoc under a National Science Foundation fellowship. So I had gone through huge trouble

and I crawled back on top. And Edwin says, the self duality revolution, which is related to Jim Simons work, which I was saying.

02:24:10:55 - 02:24:12:32

Eric Weinstein
Before.

02:24:12:32 - 02:24:16:04

Eric Weinstein
He says, theoretically, you don't have to deal with these super complicated equations.

02:24:16:04 - 02:24:16:26

Eric Weinstein
Anymore.

02:24:17:06 - 02:24:21:25

Eric Weinstein
He doesn't say what replaces them. And the guy named, I think, Alan Knutson.

02:24:21:41 - 02:24:23:00

Eric Weinstein
That is now Cornell.

02:24:23:47 - 02:24:34:47

Eric Weinstein
I think raises his hand like a punk. And he says, Do you want tell us what equations we would use instead? And Edwin writes down these to set these set of two equations.

02:24:35:40 - 02:24:38:31

Eric Weinstein
And I look at them and I say, The equations.

02:24:38:31 - 02:24:38:43

Eric Weinstein
That I.

02:24:38:43 - 02:24:40:37

Eric Weinstein
Proposed at Harvard.

02:24:40:51 - 02:24:59:36

Eric Weinstein
In like five years ago or seven years ago. And I said, Huh, that's really interesting. He's about to get told that they're insufficiently nonlinear, that they involve spinners which can't possibly

involve itself duality and that he's violated spin statistics. And I'm looking forward to watching what happens when Ed Witness told.

02:25:01:33 - 02:25:02:32

Eric Weinstein

A couple weeks later.

02:25:03:17 - 02:25:08:25

Eric Weinstein

I'm at the MIT commissary with his singer and the math physics.

02:25:08:25 - 02:25:08:43

Eric Weinstein

Group.

02:25:09:36 - 02:25:22:22

Eric Weinstein

And a guy named Andre, Spanish, Hungarian, brilliant guy now in Geneva, I think says, Have you heard the news? He comes by. So the witness all of Donaldson theory and softball equations is falling.

02:25:23:51 - 02:25:24:21

Eric Weinstein

It's like one.

02:25:25:01 - 02:25:44:49

Eric Weinstein

It's like they were using the wrong equations. Everything has become trivially easy. Can you bring up an article called Gates Theory is Dead. Long live Gates theory. So, like, I didn't want to tell these stories the last time. This is, like, super painful, but I'm done with this stuff.

02:25:44:49 - 02:25:47:18

Eric Weinstein

I'm just completely done with this.

02:25:47:18 - 02:26:04:06

Eric Weinstein

So you see, there is this thing called the self to all equations, which Isidore Singer brought to Michael Attia and Nigel Hitchen. Oh, the other one was if, if spinners were involved, Nigel Hitchen would know and he would have told.

02:26:04:06 - 02:26:04:47

Eric Weinstein

Us, which is bullshit.

02:26:05:16 - 02:26:25:28

Eric Weinstein

Keep going to the next page, the new gates. There you see those two equations? DFI equals zero. I had written PSI rather than Phi Phi has to do with the spin of the field. But if a plus equals I, I had written these things down in a slightly different form and had been effectively left out of.

02:26:25:28 - 02:26:26:13

Eric Weinstein

Harvard for this.

02:26:27:37 - 02:26:31:08

Eric Weinstein

And it turns out that what was going on was.

02:26:32:34 - 02:26:33:03

Eric Weinstein

Edwards.

02:26:33:07 - 02:26:51:07

Eric Weinstein

Had written these things down and now all of these people were converted and a lecture is given at room 507 in the Harvard Math Department on the fifth floor across from the office of a guy named Raul Bott, who is absolutely not my advisor. But the Internet is determined to make him my advisor. It's making me really upset.

02:26:51:45 - 02:26:53:22

Eric Weinstein

Raul Bot is my hero.

02:26:53:56 - 02:26:55:33

Eric Weinstein

But he was not my advisor.

02:26:55:33 - 02:27:14:00

Eric Weinstein

He's a great man and you shouldn't do that to him. You shouldn't do that to me. So I go to this lecture and the person giving it was really the closest thing I had to an advisor. If it's not a guy named to Urbana Time is that brother of you've had on your program, you've had Gary Taubes on your program.

02:27:15:07 - 02:27:41:07

Eric Weinstein

His brother is named Clifford Tubbs and Clifford Taubes had picked a fight with Princeton and he had said, you know, these guys at Princeton, we work our asses off to get these results. And. DONALDSON Theory, these equations are so hard. And then always after the fact, Princeton tells us what we're really doing, you know? Thanks, Guy. So it's a fight between Cambridge and Princeton, and now he's got to eat crow.

02:27:42:05 - 02:28:03:57

Eric Weinstein

Okay, So he's giving this lecture and he titles it. Witness magical equations. This is the same guy who tells me that I can't live in Massachusetts in 1987. And he's going on is like saying, this is the greatest day of my life. I was a I was in prison. I was working at hard labor for ten years. These equations, everything trivially easy.

02:28:04:12 - 02:28:20:38

Eric Weinstein

I am sitting in the back row from five or seven picking my nose and a guy in the front seat right hand side is named David Kazdin, with the most brilliant people on planet, and he usually falls asleep during the lecture. He's like a Soviet Jew who got through the anti-Semitic system at Moscow State like unbelievable mind.

02:28:21:21 - 02:28:24:21

Eric Weinstein

And he says, Excuse me, Cliff. And didn't we have.

02:28:24:21 - 02:28:26:25

Eric Weinstein

At at some point who told us.

02:28:26:54 - 02:28:29:24

Eric Weinstein

To look at the mineral bundles and maybe these equations.

02:28:30:19 - 02:28:33:52

Eric Weinstein

And cliff goes white is a ghost and I'm picking my nose right nostril.

02:28:34:15 - 02:28:36:12

Eric Weinstein

And the entire room swivels.

02:28:36:12 - 02:29:00:19

Eric Weinstein

And looks at me. And then I realize, like, everybody actually remembers what I was saying. And my thesis is on spinner bungles, all the stuff. And I have this question, Do I tell them the whole

theory? And I left mathematics at that moment. I just decided I can't trust you people. Cliff knows the answer. Cliff is supposed say, you know, Eric told me to.

02:29:00:19 - 02:29:03:23

Eric Weinstein

Look at that and he won't do it.

02:29:03:34 - 02:29:20:37

Eric Weinstein

He's sitting there giving the credit, not even to Seiberg and Witten, who are the two people who do these equations. He's giving the whole thing to Witten? Because he's scared, because he's apologizing. He's saying, I screwed up. I doubted you, Princeton. Princeton was right. Harvard was wrong. New Jersey beats Massachusetts. Tough shit.

02:29:20:38 - 02:29:21:34

Eric Weinstein

That's the way it goes.

02:29:22:15 - 02:29:50:42

Eric Weinstein

But Massachusetts actually had an entrant in that game and that was me and then Isidore Singer writes somewhere in one of his papers, you know, I learned about this years ago before from from Eric Weinstein, a paper with Cano and Bellevue. So this was my trajectory. This is why I left mathematics, in part because I realized that there was just no honor there, was no way of making a name.

02:29:50:42 - 02:30:08:18

Eric Weinstein

And like, people are just going to give away my stuff. So when I when I did this draft of you, I said, I'm an entertainer. People don't have a clue why. It's because I have copyright protection. If I release the work of entertainment, you can't just name it after yourself or your friend or whoever you're upset with.

02:30:08:43 - 02:30:09:00

Eric Weinstein

You know.

02:30:09:14 - 02:30:13:55

Eric Weinstein

That might hurt you. It's like, that's mine. It's my work of entertainment. I own the Portal podcast.

02:30:14:25 - 02:30:18:21

Eric Weinstein

Tough shit.

02:30:18:21 - 02:30:34:39

Eric Weinstein

Now all that is long in the past. I don't want the cyber grit and equations, which is what they're now called, Nattie Seiberg. And I have worked this out years ago at a meeting in San Francisco. He got \$3 million. I forced him to give me a hug in front of the Institute for Advanced Study. Call it even.

02:30:35:02 - 02:30:41:45

Eric Weinstein

This is so bigger than this. Those things, the cyber written equations, is the barest thumbnail of what's coming.

02:30:44:07 - 02:30:47:54

Eric Weinstein

And if we don't.

02:30:47:54 - 02:31:05:56

Eric Weinstein

Use this stuff, we're doomed here with G and Biden and Kamala and Trump and Putin and Zelinski and Khamenei and all of these idiots, we're not going to make it. What I work on, where I've disappeared.

02:31:05:56 - 02:31:08:16

Eric Weinstein

Where's the portal? The portal, You know, it's like.

02:31:10:03 - 02:31:32:33

Eric Weinstein

Do you notice how everything that you love gets destroyed? Jordan Peterson, Brett Weinstein, Sam Harris, even Lex Friedman, They go after Lex Friedman after. I warn Lex, they're going to come for you because of his reading list, because they miss portray him as if he's claiming to be an MIT professor, which he's never claimed in his life. They destroy all of us if we don't sing from the hymnal.

02:31:33:25 - 02:31:35:52

Eric Weinstein

This is so important to me because it's hope.

02:31:36:18 - 02:31:37:55

Eric Weinstein

If I'm wrong, then maybe we.

02:31:37:55 - 02:31:42:34

Eric Weinstein

Don't have a way this planet. Maybe we don't have a way to the solar system. Out of the solar system.

02:31:43:12 - 02:31:44:31

Eric Weinstein

That's bad news.

02:31:45:41 - 02:31:50:09

Joe Rogan

What would be the technology that would harness?

02:31:50:09 - 02:32:14:07

Eric Weinstein

You would figure out how to do the stuff on the record rather than the phonograph. The Victrola. You would start to move the space time metric. You would move along the directions of the metric, not using the Einstein field equations. So you would try to figure out, okay, if we're in Flatland, a four dimensional slice of a 14 dimensional world, how do I.

02:32:14:07 - 02:32:14:29

Eric Weinstein

Go?

02:32:14:29 - 02:32:31:24

Eric Weinstein

What we I have to set in my own language along the ten dimensional normal bundle in other words. 14 equals four dimensions we know plus ten. We don't call the ten, we don't the normal bundle. You'd start navigating in the normal bundle. You'd stop. You start stop thinking about the sound coming out of the Victrola, you'd say, that's three components.

02:32:31:53 - 02:32:50:52

Eric Weinstein

There's a stylus, there's a horn and there's a record, and you'd engineer around that so that you had a really efficient way to go very far or to circle back in time without going back through time. You try to figure out what can I do with the stylus? Where can I put the stylus on the record to get different?

02:32:50:52 - 02:32:54:43

Joe Rogan

And what technology would you employ to do that?

02:32:54:43 - 02:33:16:51

Eric Weinstein

Well, so first of all, we know about three of matter like this has made. Everything you see around you is made of the first family of matter. It's all of quarks down, quarks, electrons, and you and I are being penetrated as much as that's distasteful by neutrinos, that's the first family of matter. Okay, Then there's a second family where the up and down quarks are replaced by top and strange.

02:33:16:51 - 02:33:27:34

Eric Weinstein

The neutrino is replaced by the muon neutrino, the electron is replaced by the muon. And then there's a third one where the muon is replaced by the tau top, bottom and top neutrinos.

02:33:27:34 - 02:33:27:52

Eric Weinstein

Okay.

02:33:29:31 - 02:33:51:39

Eric Weinstein

If I'm correct, there are two additional generations of matter that are not families of matter that are not generations. They don't have the same structure as the ones we already know. Some of them are something called spin three halves and some of them are exotic spin. One half matter. So first of all, if you have dark matter that you have no idea of, you can't do dark chemistry.

02:33:52:06 - 02:34:20:49

Eric Weinstein

But if you do have an idea, then you can guess at what dark chemistry would be. You'll have dark light. Everything you see here is spun left handed. If it's matter and spun right handed, if it's anti-matter. My claim is are decoupled from matter that spins right and anti-matter that spins left. But in a low gravitational environment, it's like left in my hand, right hand don't know each other.

02:34:20:49 - 02:34:42:57

Eric Weinstein

So we have you know, you have the asymmetry of a hand, which is you say, oh, digits, two and four look like each other. The middle finger is is the axis of symmetry. And unfortunately, the pinky and the thumb look wildly different. But let's fudge it and imagine that there's a symmetry. Suddenly you realize neurologically you're disconnected and it's thumb to thumb on a different hand you didn't know anything about.

02:34:43:46 - 02:35:08:04

Eric Weinstein

So my claim is I believe that this world that appears to have a left handed or right nature like Cindy Crawford, has a beauty mark. So, you know, whether a photo is of her or her mirror image, there's like another Cindy Crawford with the beauty mark the other side. Sorry, I'm dating myself, but that world would have engineering possibilities to do dark chemistry.

02:35:09:36 - 02:35:11:22

Eric Weinstein

We would have additional forces.

02:35:12:48 - 02:35:33:46

Eric Weinstein

Normally we get additional forces through something called grand unification, where we use theory is called *Sue five* and *spin ten* or so *ten*. And those are the wrong flavors of the right idea. The right flavor would be called *spin six, comma four* and *Sue five* would be replaced by a *sue three comma two*. So there would be new unifications, new forces.

02:35:33:46 - 02:35:48:03

Eric Weinstein

It would produce new problems because when you put that comma, you know, *three comma two*, you create something that is *space time* than more than particle physics. So there's stuff we don't know how to deal with. But you see, there's nothing in the laws of physics that say.

02:35:48:46 - 02:35:49:13

Eric Weinstein

Look, the.

02:35:49:13 - 02:36:08:56

Eric Weinstein

Rules of the universe will conform to what particle theorists currently know how to handle. Nature seems to know things we don't know how to do in the time is ended for us to tell nature you can't have this or you must have that because we don't know how to handle you otherwise. Tough luck. It's the forces are different.

02:36:08:56 - 02:36:33:54

Eric Weinstein

The opportunities are different. Something called the *Petit Salom* theory of grand unification is tied to the Einstein theory. And what I want to is to say, Can I get people, lawyers, guns and money to investigate this so that we can go traverse the cosmos? I don't know how to the engineering any more than the person who invented the neutron was that Chadwick was the one who found it.

02:36:34:26 - 02:36:50:06

Eric Weinstein

He wasn't least Meitner who figured out the chain reaction. And she wasn't Enrico Fermi, who figured out how to do it experimentally. That wasn't Trinity, which was the Manhattan Project, and they weren't Teller and Ulam So it's not on. Eric to figure out how to do the engineering project. I need people.

02:36:51:09 - 02:37:10:39

Joe Rogan

What could you imagine would be involved in figuring out a way to harness that and actually utilize it and actually go into dimensionally? What what would you have to do? What kind of power would have to be generated? Like what would be involved?

02:37:11:20 - 02:37:18:30

Eric Weinstein

So what wouldn't be involved is getting an entire planet to put a tiny dent in space time, because that's not.

02:37:18:30 - 02:37:18:57

Eric Weinstein

Going to work.

02:37:19:35 - 02:37:27:50

Eric Weinstein

It would be a question of saying, I know about more degrees of freedom. Are those degrees of freedom accessible? And to give you an idea of what's involved.

02:37:28:53 - 02:37:29:27

Eric Weinstein

If you take.

02:37:29:27 - 02:37:34:13

Eric Weinstein

A proton with two up quarks in it downcourt, so put to use an a, D inside of a ball. You call it.

02:37:34:14 - 02:37:34:42

Eric Weinstein

Proton.

02:37:35:20 - 02:37:53:54

Eric Weinstein

You're tempted to say, okay, those are hard little balls inside. I want to pull one out. It doesn't work. The equations have something that used to be called [infrared slavery](#), but we're not allowed to say the word slavery because of diversity. Equity include. I'm going to say slavery because I'm here. You cannot pull a cork out of a proton.

02:37:54:21 - 02:38:05:29

Eric Weinstein

So what looks like a degree of freedom is not accessible to you. In the equations you see up quarks and down. Of course, you don't see protons and neutrons, but the consequence of the edge of the.

02:38:05:43 - 02:38:06:23

Eric Weinstein

Equations.

02:38:06:45 - 02:38:32:56

Eric Weinstein

Is protons and neutrons, right? So when you look at the equations, you can't tell is that accessible or inaccessible to bring it back to the UFO point? The reason UFOs matter to me is if they're here, then these degrees of freedom are accessible, and if they're not here, then it's probably protons being filled with up quarks and down quarks that we can't engineer the consequences of quark structure inside of the atom.

02:38:33:55 - 02:38:46:42

Eric Weinstein

Industrially zero. We've been at this since you're born. Went 67. The year after you're born, we find quarks. We have zero industrial applications.

02:38:46:42 - 02:38:47:00

Eric Weinstein

All right.

02:38:47:51 - 02:38:57:03

Eric Weinstein

That means you have to think about both possibilities. One, that these things are actionable if they're right. So first all, Eric can be wrong. And I'm happy to be wrong. If I'm.

02:38:57:03 - 02:38:59:06

Eric Weinstein

Wrong, where I can be right.

02:38:59:25 - 02:39:11:20

Eric Weinstein

If I'm right, then it splits into second leg level of the decision tree. Maybe the new degrees of freedom are things we can play with at the engineering level, and maybe they're inaccessible just the way we can't play with up quarks and down quarks directly.

02:39:13:08 - 02:39:13:51

Eric Weinstein

If we can.

02:39:13:51 - 02:39:24:14

Eric Weinstein

Play it, then we've got so many new toys you have no idea. New forces, new matter, new possibilities to flit in and out between dark and light.

02:39:24:14 - 02:39:28:30

Joe Rogan

But from an engineering perspective, how would you make any of this happen?

02:39:30:00 - 02:39:43:46

Eric Weinstein

You would build something based on new plans that did something that nothing else could do. So to give an example, in the late fifties, we thought we knew electromagnetism, cold. We'd been playing it with it since.

02:39:44:18 - 02:39:44:51

Eric Weinstein

Time, right?

02:39:46:12 - 02:39:50:24

Eric Weinstein

Two guys named ARONOFF and Bohm said, Here's a crazy experiment.

02:39:51:36 - 02:39:53:11

Eric Weinstein

Take a tube.

02:39:53:27 - 02:40:17:54

Eric Weinstein

That's perfectly insulated, almost, and run current through it, and then pass an electron beam from like a cathode ray tube and reflect it off mirrors and see when it comes back and interferes with itself how it interfered. If it's perfectly insulated, it shouldn't be able to tell whether there's current running through the center of the solenoid of that tube.

02:40:19:10 - 02:40:31:26

Eric Weinstein

Turns out when you turn on the tube and you run current through it, the electron beam can detect whether there's current running through it, through magic. Technically, "magic" here means something called holonomy.

02:40:32:22 - 02:40:33:21

Eric Weinstein

We Didn't know that the electromagnetic field are not where electromagnetism really happens. It's something called the electromagnetic potential. It's a precursor that actually determines the universe. It determines the electromagnetic fields. But this weird thing where somehow the current inside a perfectly insulated tube is influencing the world outside of it was like, Holy smokes, we've been living with this stuff for how long?

02:40:58:30 - 02:40:59:47

Eric Weinstein

We had no idea how it works.

02:41:00:32 - 02:41:01:13

Eric Weinstein

The way you do.

02:41:01:13 - 02:41:25:04

Eric Weinstein

This is we get together with a bunch of people and we'd say, if Eric is correct or if somebody else is correct and you started to play with this extended model of both general relativity and the standard model, what are some experiments we could run that you think would have no actual content? Just the way the [Aharonov Bohm experiment](#) looks like it's not going to do.

02:41:25:04 - 02:41:25:30

Eric Weinstein

Anything.

02:41:26:24 - 02:41:51:41

Eric Weinstein

With the [Casimir effect](#) or finding out that beta decay, radioactive decay knows it's left from its right. These are all hugely surprising discoveries. I don't know how to do that, and it's one of the reasons I keep talking to Brian Keating, who's an experimentalist, because what you see here in the studio is 100% theorists. You only invite theorists from physics, you don't invite experimentalists.

02:41:52:15 - 02:41:52:49

Eric Weinstein

I don't know how.

02:41:52:49 - 02:42:09:46

Eric Weinstein

To talk to the experimentalists, but that's why I go down to the University of California, San Diego, and play down there because I want to talk to people who are like, how do how do we build this? You're the engineers of physics. Tell me what tell me what I'm saying in terms that we can build something and actually see if it has.

02:42:09:46 - 02:42:13:19

Joe Rogan

Concept and what could it be in terms of like building something.

02:42:13:21 - 02:42:34:33

Eric Weinstein

Imagine, for example, that you look at the equivalence principle, right? So the equivalence principle says that the inertial mass, how much mass something appears to have when it's moving, how resistant it is to force. That's the same according to Einstein, as the gravitational force right, the gravitational mass. So gravitational mass equals inertial mass.

02:42:35:04 - 02:42:36:14

Eric Weinstein

There are like a whole bunch of different flavors of mass that happen to all be equal according to different principles.

02:42:42:54 - 02:42:43:39

Eric Weinstein

According to something called [spontaneous symmetry breaking](#), mass is generated by the interaction with the Higgs field in general. It's not a number the way we thought it was coded into an equation. It's something we would call vacuum expectation value through a Yukawa coupling. Never mind. It's that thing about the molasses causes the mass to feel heavier, even though the mass of the cup hasn't changed because it's requiring more and more force to push.

02:43:14:33 - 02:43:36:21

Eric Weinstein

If what we have is a bunch of different kinds of mass, we might be able to break some of these things like the equivalence principle. We might be able to generate negative mass, which is not technically excluded but is incredibly hard to think about. We might be able to do things the only way we mass always positive is by putting in artificial conditions.

02:43:37:17 - 02:43:58:30

Eric Weinstein

If you have a bigger theory, you start to realize how you would do these things naturally. So for example, we might be able to dial the mass of things differently by actually engineering the thing that we call the Higgs field. The Higgs field is the only thing that doesn't spin, that is fundamental when we spin spacetime.

02:43:58:58 - 02:44:03:54

Joe Rogan

And they've detected the Higgs boson on, a large and Large Hadron Collider. Right?

02:44:03:55 - 02:44:05:04

Eric Weinstein

100%. Is this.

02:44:05:04 - 02:44:06:05

Eric Weinstein

2012 I think.

02:44:06:16 - 02:44:19:22

Joe Rogan

So. But this is an enormous collider, right? I mean, to be able to generate the Higgs, it had to go through how many kilometers. And it's an enormous.

02:44:19:24 - 02:44:20:37

Eric Weinstein

It's a piece of equipment. Right.

02:44:20:40 - 02:44:27:45

Eric Weinstein

But That's in part because it's a stupid piece of equipment. What we're really doing is banging rocks together, except the rocks are called protons.

02:44:28:22 - 02:44:38:20

Joe Rogan

So you're thinking there could be an engineering solution where you could generate something like that, but from a much smaller footprint, 100%.

02:44:38:20 - 02:44:57:03

Eric Weinstein

That's a possibility, because right now what we're doing is we're using electromagnetism. The only force that we actually have engineering power over is electromagnetism. Like when we do chemistry. So you fertilize your lawn, you're using electron orbitals based on electromagnetism between the proton and the electron in an atom or molecule.

02:44:59:54 - 02:45:22:51

Eric Weinstein

We know how to interfere with the weak force or the or the gravitational force. Both of those are so weak that they're impossible in the strong force is crazily nuclear and super short range. So we've got control of one out of four forces. I can tell you what I believe the additional forces are, but what I need is I need people who are closer to engineering, experiment, and standard theory.

02:45:22:57 - 02:45:24:48

Eric Weinstein

I mean, I'm not even a physicist, Joe So.

02:45:25:17 - 02:45:25:37

Eric Weinstein

Right.

02:45:26:02 - 02:45:40:12

Joe Rogan

But I'm what I'm curious about is like what caused this shift in you to think about UFO in UFO reports as being credible? Because we're talking theoretically and you're talking about your understanding dimensions.

02:45:40:12 - 02:46:03:30

Eric Weinstein

I thought it was not I thought it was a smokescreen that we were using to do aerospace engineering projects. I thought it was like [Operation Fortitude](#) or an [Operation Bodyguard](#). And so it's like, okay, please don't bother me with your sci-fi stories. It's space opera, you know, for the same reason that I don't go into a Scientology center and spend all my time thinking about Xenu, I'm not going to spend all my time worried about space opera.

02:46:03:30 - 02:46:09:10

Eric Weinstein

I mean, what changed? Meeting an enormous number of very sober, very grown up people who seem to be changed, altered, and believe that this is real. I have met an enormous number of people now who had personal firsthand, like sober people who've had a crazy firsthand encounters. I don't understand how they're doing this as actors. Very often it's unwanted. It ruins their lives. It's sad, You know, I ended up in San Marino that Lue Elizondo, his invitation and Lou couldn't come. So I ended up speaking in Lou's Place that a UFO.

02:46:41:43 - 02:46:42:19

Eric Weinstein

Me was crazy.

02:46:43:10 - 02:47:05:11

Eric Weinstein

But I met so many people who were just like Eric. You know, let me explain my experience to you. And I'm just not prepared for these highly detailed stories that have so much similarity. One to the next. You know, like the Skinwalker Ranch thing on the History Channel is looks incredibly junky, put out by Prometheus Entertainment. I know Brandon FUGAL the owner of the ranch, and I know Eric Bard. We keep talking via phone. Eric Bard is like almost the only other person who has some idea of what differential forms our tensor analysis is. He's a sober, normal human being sitting out there on a ranch trying to figure out what the hell he's looking at.

02:47:26:45 - 02:47:30:12

Eric Weinstein

I don't think he's lying to me and I don't think Brandon is lying to me. And then you hear their stories and like the Gary Nolan thing, I was completely unprepared. You dealt with Gary?

02:47:36:59 - 02:47:37:24

Eric Weinstein

No.

02:47:38:13 - 02:47:39:23

Joe Rogan

I watched him on Lex, though.

02:47:39:55 - 02:47:55:18

Eric Weinstein

I think Gary told me a story or is like dealing with a subject. He's a medical guy and that's how he got involved with this. And, you know, somehow the medical the medical person that he is is talking to a subject who says, you know, I encountered a spinning disk in the sky or whatever, and the ball of light comes on.

02:47:55:37 - 02:47:59:16

Eric Weinstein

Brother, another one of these stories is like, you know, the ball of light entered my body and I was in pain. But I was okay and exited and whatever. And then Gary looks at the person and there's a path of necrosis, exactly where the person describes this thing. It's exiting like.

02:48:12:00 - 02:48:15:00

Eric Weinstein

Wow. You're like, tell me what the level of conspiracy is here that would be necessary to get of this indirect evidence. And this is the basic puzzle of UFOs, zero responsible adult direct evidence in the public domain. Zero. So far as I can.

02:48:29:54 - 02:48:32:29

Eric Weinstein

Tell, more indirect evidence than you can possibly imagine with sober, normal people claiming things. I can't believe firsthand stuff. And then it gets weirder and worse from that. I would love to keep this just to metallic flying objects. But like, no, it's always going to be like, no, they go into the.

02:48:54:10 - 02:48:56:49

Eric Weinstein

Water and then, you.

02:48:56:49 - 02:48:57:41

Eric Weinstein

Know, the next level are.

02:48:57:41 - 02:49:00:34

Eric Weinstein

Cattle mutilations, like, Oh, please don't bring in glaze.

02:49:01:01 - 02:49:05:43

Eric Weinstein

Oh, yeah, the stapes, you know, the smallest bone in the body, the three bones that make mammals, mammals.

02:49:06:57 - 02:49:07:49

Eric Weinstein

You know, one of them.

02:49:07:49 - 02:49:29:04

Eric Weinstein

Seems to be frequently missing. And like Paul Hellyer and Graham said and and Ben Rich, then there's this like crazy level where the former Canadian defense minister believes that there's a Galactic Federation, that humans are in contact and they is head of the Israeli. It's like, enough, I can't handle it.

02:49:29:04 - 02:49:30:32

Eric Weinstein

I don't know what we're looking at. And I'd love to keep it at something sober. And I see zero direct evidence. And if we're going to go on the direct evidence, Ian is right. It's bullshit. Tough luck. But I don't know how this amount of indirect evidence occurs because I don't think the government is capable of faking this.

02:49:48:09 - 02:50:09:32

Eric Weinstein

On the other hand, if we go by the indirect evidence, how is it that none of us have like even the center of mass coordinates of this tic tac, you'll never hear talking about the tic tac or the Zimbabwe kids or whatever? Why? Because since the mid-seventies, we've been able to do CGI in Star Wars that looks much more realistic than any video I've ever seen.

02:50:09:32 - 02:50:10:46

Eric Weinstein

So you can show me any video and I don't care. It's just not interesting to me. We don't have center of mass coordinates for this tic tac that's claimed by the U.S. government over the Nimitz.

02:50:20:27 - 02:50:26:04

Eric Weinstein

Please go, because it's sensitive. We don't. Stop it. Shut up! Hush.

02:50:26:04 - 02:50:28:01

Joe Rogan

So that don't have it. They won't.

02:50:28:01 - 02:50:28:28

Eric Weinstein

Release.

02:50:28:28 - 02:50:31:24

Eric Weinstein

They claim it's not released. It can't be released to the public.

02:50:31:37 - 02:50:34:04

Eric Weinstein

Right? I'm like, so downsample.

02:50:34:04 - 02:50:34:10

Eric Weinstein

It.

02:50:34:10 - 02:50:37:33

Eric Weinstein

Directly. It's not even our ship people.

02:50:37:33 - 02:50:47:06

Eric Weinstein

You're claiming it's something you can't understand. Then you have the 3D coordinates and I can't play with it in a model on, like, Google Earth sketch up or something.

02:50:48:16 - 02:50:55:17

Eric Weinstein

Go f yourselves. You're just stovepipe. This need to know. I have a need to know. I'm trying to do science.

02:50:55:17 - 02:50:57:37

Joe Rogan

Is that the most compelling one to you? The Tic tac.

02:50:59:15 - 02:50:59:40

Eric Weinstein

Take your pick.

02:51:00:00 - 02:51:04:13

Joe Rogan

It has the most. The most qualified people watching it.

02:51:04:21 - 02:51:05:58

Eric Weinstein

Yeah, but I don't I don't want to get involved with Go Fast or Gimbal or this or that or the Phoenix lights or the Belgium. It's like.

02:51:14:51 - 02:51:16:17

Eric Weinstein

Stop teasing me.

02:51:17:43 - 02:51:23:42

Eric Weinstein

This is the Meredith Baker problem. When I was a 14 year old guy, I thought Meredith Baker was the hottest thing in the world.

02:51:23:45 - 02:51:29:54

Eric Weinstein

I want to out with her when it's a girl, you know? Yeah, okay. Yeah. And every time I asked.

02:51:29:54 - 02:51:33:09

Eric Weinstein

Her out, she was like, I really want to go out with you, but I really have to wash my hair.

02:51:33:09 - 02:51:36:59

Eric Weinstein

Or I really to hang out with me. I was like, This is not going very well.

02:51:38:45 - 02:51:46:49

Eric Weinstein

At some point somebody pulled me aside and said, Eric, you're Jewish. She's Mormon. Get the hint. She she she likes you. But there was nothing.

02:51:46:49 - 02:51:49:03

Eric Weinstein

Going to happen. Okay, I get it.

02:51:49:28 - 02:51:56:11

Eric Weinstein

This is Meredith Baker. You don't want for some reason to tell me what's actually going on. Then don't waste my time. Don't spend my credibility.

02:51:56:18 - 02:52:05:16

Joe Rogan

Do you think that they don't want to release the information because they're still trying to digest it themselves and they don't want it to get out publicly and get into the hands of I'm trying.

02:52:05:43 - 02:52:06:30

Eric Weinstein

To figure this out.

02:52:06:30 - 02:52:15:23

Joe Rogan

I believe that if there was something that was beyond our understanding, you want that data to be released.

02:52:15:23 - 02:52:17:09

Eric Weinstein

Can we have a glass of.

02:52:17:09 - 02:52:19:53

Eric Weinstein

Something so that I can hide behind the fact that I had a.

02:52:19:58 - 02:52:20:22

Eric Weinstein

Sip of.

02:52:20:22 - 02:52:25:37

Joe Rogan

Alcohol? I'm going to take a leak again and we'll come back with ice and alcohol for Eric. Perfect. Currently to take.

02:52:25:37 - 02:52:25:48

Eric Weinstein

You.

02:52:26:43 - 02:52:27:22

Joe Rogan

Cheers, sir.

02:52:27:25 - 02:52:27:48

Eric Weinstein

Cheers.

02:52:28:28 - 02:52:29:49

Joe Rogan

All right, now you get your excuse.

02:52:29:52 - 02:52:44:42

Eric Weinstein

You came. Let's talk crazy, all right. Oh, that's good. That is good. Thank you. Glen Moran. More Angie, as I said, and has.

02:52:44:42 - 02:52:45:59

Eric Weinstein
The spell I thought was more.

02:52:45:59 - 02:52:46:24

Eric Weinstein
Energy.

02:52:46:55 - 02:52:51:10

Joe Rogan
Yeah, I say glenmorangie glenmorangie.

02:52:51:39 - 02:53:00:30

Eric Weinstein
I called meringue, but I don't think that's right. I think it's more a glenmorangie. I thought it was Glenmorangie So Where were we?

02:53:00:36 - 02:53:02:04

Eric Weinstein
You want to know what I think is really going?

02:53:02:04 - 02:53:03:12

Eric Weinstein
Yeah. What it was really going on.

02:53:04:19 - 02:53:14:45

Eric Weinstein
One possibility is we did a lot of bad stuff and we cannot get out of The fact that if we release what it is that we actually know and what has been going on, there's going to be a lot of consequence.

02:53:15:09 - 02:53:16:49

Joe Rogan
Bad stuff as in.

02:53:18:27 - 02:53:29:24

Eric Weinstein
Maybe people got killed. Maybe people were made crazy when they weren't crazy because they saw things. So if you think about humor, deconfliction.

02:53:29:40 - 02:53:33:10

Eric Weinstein
Deconfliction, you know, if you have a blue-on-blue situation, that means that two official representatives of the US government are stumbling over each other. You've got local law enforcement like the first scene of The Matrix is—you suddenly got.

02:53:47:06 - 02:53:48:17

Eric Weinstein

Really fucking intimidating.

02:53:48:39 - 02:53:52:48

Eric Weinstein

Down, scared who comes up.

02:53:52:48 - 02:53:53:38

Joe Rogan

Doesn't give you what it.

02:53:53:38 - 02:53:58:03

Eric Weinstein

Really is. News. Oh wow. Nicely done.

02:53:58:03 - 02:54:03:06

Joe Rogan

This alerted Russia to Biden's Ukraine visit for deconfliction purposes.

02:54:03:27 - 02:54:04:46

Eric Weinstein

Wow. Jamie. Hey.

02:54:05:02 - 02:54:07:57

Joe Rogan

Don't blow up this city. Biden's going to be there.

02:54:08:20 - 02:54:09:55

Eric Weinstein

And the.

02:54:10:12 - 02:54:16:26

Eric Weinstein

There are three systems that stop the first scene in the Matrix where the agents show up and local law enforcement is like.

02:54:16:46 - 02:54:21:46

Eric Weinstein

I think we can handle one little girl, right? No, Lieutenant, your men are already dead.

02:54:22:28 - 02:54:31:31

Eric Weinstein

That's a deconfliction situation. We have [three things](#). I think Case Explorer, RISSafe and.

02:54:34:22 - 02:54:34:58

Eric Weinstein

God.

02:54:35:16 - 02:54:36:30

Eric Weinstein

SAFETNet.

02:54:37:10 - 02:54:37:55

Eric Weinstein

And we don't know about.

02:54:37:55 - 02:54:50:29

Eric Weinstein

These things because this is only for grown ups in the government. So they have to, like, file what it is that they're doing. And then, oh, we've got an undercover agent who's posing as a Colombian drug lord.

02:54:50:45 - 02:54:52:13

Eric Weinstein

Don't bust him because we have.

02:54:52:13 - 02:54:59:18

Eric Weinstein

Got like ten invested in this thing. So I tried to use the system. I called up, I think, Case Explorer for South Florida.

02:54:59:18 - 02:54:59:33

Eric Weinstein

And.

02:55:00:14 - 02:55:01:17

Eric Weinstein

Got into a half an hour.

02:55:02:43 - 02:55:18:28

Eric Weinstein

Case exploring. So okay, wonder how you found Troy RSA safe. I think that's the one. I don't want to keep looking. The police website. Yeah, he's going to get in trouble. Okay, Flags, I'll do it.

02:55:18:28 - 02:55:32:16

Eric Weinstein

So this is how they deconflict blue-on-blue. But you see, you and I are also blue. We're having a conversation and we may be stumbling on something the government doesn't want us to know, which is what happened when COVID maybe spilled out. Yeah, you see.

02:55:33:14 - 02:55:38:07

Joe Rogan

Officer safety event, deconfliction, system safeguarding enforcement through information sharing.

02:55:38:26 - 02:55:38:42

Eric Weinstein

Right.

02:55:38:42 - 02:55:46:21

Eric Weinstein

So this is how they play. Keep away from the rest of us where they tell each other what they're doing and the rest of us can't know.

02:55:46:21 - 02:55:49:21

Eric Weinstein

What's going on. Now, when you say blue on blue.

02:55:50:22 - 02:55:58:26

Eric Weinstein

There's a situation that I want to give a name to because it doesn't have a name which I'm going to call [Baby-on-cobalt](#) and cobalt-on-baby, baby and cobalt are two forms of blue. Cobalt is government, and baby is like civilians, like you and me. What happens? A civilian stumbles on one of these operations. They're not allowed to use these systems.

02:56:12:18 - 02:56:12:37

Eric Weinstein

All right.

02:56:12:52 - 02:56:35:13

Eric Weinstein

I called up the South Florida. I think Case Explorer had a half an hour conversation. They were telling me all sorts of stuff. And I said, I'd like to hear about Jeffrey Epstein, who's calling. I'm a private citizen. This call will be terminated in 5 seconds. And then they hung up on me. So I realize, okay, ordinary human beings cannot use these systems.

02:56:35:13 - 02:56:48:57

Eric Weinstein

I think a lot of what's going on is that we keep tripping over government operations in the cobalt sector, but we're baby blue and they don't have any system for figuring out how to get rid of a civilian who stumbles on it, like a drug smuggling operation. I'm like, okay.

02:56:53:38 - 02:57:13:03

Eric Weinstein

So Jeffrey Epstein traffics your daughter. What do you do if he's an intelligence asset you don't know. You just want to creep away from your kid. So You file a complaint or whatever. Now you've got a situation where they don't know what to do because you've got a civilian and you've got some sort of super secret dark thing that isn't supposed to exist.

02:57:13:03 - 02:57:13:44

Eric Weinstein

My claim is that "Conspiracy theorist" is basically cobalt-on-baby. In other words, the government warning a private citizen, Get away from that thing. Okay, We will start to destroy your reputation if you do not cease and desist. But there's no plan. So if you were the guy who figured out D-Day, you say, well, these are there's a huge increase in the inflatable balloons.

02:57:35:45 - 02:57:46:48

Eric Weinstein

I think that they might be tanks. There's no troops under that army designation. You'd be a threat to this incredible operation because you have free speech and nobody knows how to shut you up.

02:57:46:49 - 02:57:47:14

Eric Weinstein

Right.

02:57:47:22 - 02:58:11:54

Eric Weinstein

So consider that none of us know the answer to what does the government do when private citizens start to figure out statecraft narratives are bullshit. So, for example, [Jeff Sachs](#) was [called in to supervise the investigation into the origin of COVID at The Lancet](#), and he puts in place all of the people who were involved with this through [Peter Daszak](#).

02:58:11:54 - 02:58:31:58

Eric Weinstein

He later figures out, Oh my God, I just put the foxes in charge of the henhouse and he blows the whistle. So what if we have like a since the 1970s, a 45 year old workaround of the [Biological Weapons Convention](#) in Wuhan, We've created this thing called [One Health](#) and the [EcoHealth Alliance](#). We took over as a hippie charity.

02:58:32:33 - 02:58:53:13

Eric Weinstein

And if you ever take a look at the [Board of Advisors of EcoHealth Alliance](#), it's wildly overpowered, including my old mentor, who was the head of the Sloan Foundation and the ex-head of the National Science Foundation. None of you guys look at the board of directors crazy. We keep tripping on these official statecraft narratives. That's they won't let us question the Zelinski stuff. They won't let us question the origin of COVID. They won't let us question the vaccines. They won't let us question whether there are therapeutics. These are all cobalt-on-baby things. "It's horse dewormer, what's wrong with you people? You're all lunatics. You're your pathological losers." Okay, I get it. You're just destroying my Wikipedia entry because I keep asking questions.

02:59:13:49 - 02:59:17:33

Eric Weinstein

Because actually, you need to have a timeout. You're out of control.

02:59:17:33 - 02:59:18:16

Eric Weinstein

I'm fine.

02:59:19:04 - 02:59:28:51

Eric Weinstein

But you're going to turn this into pathologize. When you pathologize people who've seen the truth, now you've got a real problem. You gaslit American citizens because you couldn't do your effing job.

02:59:29:16 - 02:59:29:51

Eric Weinstein

Really?

02:59:29:51 - 02:59:37:04

Eric Weinstein

That's interesting. Did You kill him. Did you do [wetwork](#)? Did you do [digital wetwork](#)? What did we just find out from the Twitter files, right?

02:59:38:00 - 03:00:00:12

Eric Weinstein

How many times did I say I'm being throttle? I'm being manipulated. The government doesn't want to take responsibility. We have this. What is it, GEC that's from the State Department. We have CISA inside of Department of Homeland Security. These people are creating fake conversations on Twitter. They're creating fake reports about the Biden laptop to influence the election. We didn't have a free and fair election.

03:00:00:12 - 03:00:09:14

Eric Weinstein

It had nothing to do with ballot stuffing or miscount. So I believe that partially why we're not talking is is that we've done so many bad things around UFOs.

03:00:09:21 - 03:00:09:32

Eric Weinstein

That.

03:00:09:32 - 03:00:09:59

Eric Weinstein

We don't want to.

03:00:09:59 - 03:00:17:52

Eric Weinstein

Come clean. Oh, that's interesting. Okay. So that's one thing. Two if.

03:00:18:27 - 03:00:31:15

Eric Weinstein

There's imagine that there's enormous update coming, like your life is partially a lie. I think many of us have figured out that we originally believe that it was Lee Harvey Oswald acting alone, and now we're not quite so sure.

03:00:32:04 - 03:00:33:46

Eric Weinstein

All right? I don't know.

03:00:34:30 - 03:00:38:45

Eric Weinstein

Do you know that it was Lee Harvey Oswald? Certainly the [Warren Report](#) doesn't hold a lot of water with me anymore.

03:00:41:07 - 03:00:47:56

Eric Weinstein

A lot of us are going to have to deal with the fact that a lot of what we've been taught is crazy, is not crazy. Like the fact.

03:00:47:56 - 03:00:48:50

Eric Weinstein

That this.

03:00:49:33 - 03:01:04:04

Eric Weinstein

Virus seems to have come out of a lab where we were trying to figure out how to put a few inclusive insight into humanized coronavirus. And we're leaving in place the exact architecture

that got us into this mess. Without hearings. Without hearings? There's no way we would do this without hearing.

03:01:06:19 - 03:01:26:20

Eric Weinstein

So what we're seeing is we're seeing an explosion, a collision between social media, empowered humans who are smart, trying to figure out the story, the government stonewalling us so that we can't figure out our own lines, like what did my children get injected or infected with something that came out of your stupidity? Because Ralph, Baric and, Peter Daszak can't do their goddamn jobs.

03:01:26:25 - 03:01:36:48

Eric Weinstein

Maybe we can have a tribunal about the fact that you infected planet Earth and you decreased human life expectancy by causing us to fight a different COVID advance, you know, infection every year?

03:01:36:48 - 03:01:40:12

Eric Weinstein

Maybe. These are hugely consequential issues.

03:01:40:48 - 03:02:04:39

Eric Weinstein

And I believe that UFOs are, in part, a hugely consequential issues for reasons that may have to do with the fact that this is of the fake version. It's not Overlord, it's Bodyguard or Fortitude-like, I don't know, but we've certainly gaslit and I think we're not prepared to take responsibility for ruining the lives of ordinary Americans who were smart and honest because we couldn't do our jobs in the intelligence and defense communities.

03:02:04:39 - 03:02:24:18

Joe Rogan

What do you think is responsible for the shift in communication about this stuff now? Because in the past no one would acknowledge it, no one would talk about it. Now they're talking about it fairly openly and they're discussing it. When I think about things like that, I go, Well, there's the cynic in me. This is a third saying this, and it's probably horseshit.

03:02:24:28 - 03:02:26:51

Joe Rogan

They're probably covering up some drones that they've created.

03:02:27:19 - 03:02:27:45

Eric Weinstein

They are.

03:02:28:26 - 03:02:29:11

Joe Rogan

You think? Well.

03:02:29:38 - 03:02:43:13

Eric Weinstein

Yes. In other words, the UFO phenomenon is multiple things. We know it's a cover story for things like the stealth bomber. We also know that it's a cover it's a cover story for our inability to take action against surveillance overflights of dirigibles and balloons.

03:02:46:12 - 03:02:47:42

Eric Weinstein

We also know that it's people mis-seeing things.

03:02:49:33 - 03:03:10:30

Eric Weinstein

Like I've seen two UFOs recently that fooled other people. But I was able to figure out partially one with the help of Mick West, who is my antagonist. But also we're sort of we're frenemies kind of, and other one was like a mylar balloon that looked like a spherical fireworks display off the coast between Malibu and Catalina.

03:03:10:37 - 03:03:11:54

Joe Rogan

The way it's being reflected by the sunlight?

03:03:12:14 - 03:03:24:25

Eric Weinstein

Yeah You know, the thing people don't understand about Mylar balloons is that at night of Mylar balloons, a very confusing object to encounter, because all you're seeing is like randomly scattered light. And it's like, oh, my God, you know, this is like the Phenix lights. And I have.

03:03:24:25 - 03:03:25:08

Joe Rogan

To make sense.

03:03:25:10 - 03:03:34:08

Eric Weinstein

I have like video of people in line at a Thai restaurant saying, Oh, my God, I've never seen anything like this. And of course, I go across the street to, investigate that says, Happy birthday.

03:03:34:26 - 03:03:35:07

Joe Rogan

Hmm.

03:03:35:15 - 03:03:37:26

Eric Weinstein

So there's no question that it's a certain.

03:03:37:26 - 03:03:38:07

Eric Weinstein

Amount of.

03:03:38:24 - 03:03:40:24

Eric Weinstein

People wanting to see things that aren't there.

03:03:40:26 - 03:03:41:54

Joe Rogan

Yes, that's a big attraction.

03:03:41:54 - 03:03:45:41

Eric Weinstein

Yep So this desire thing, you have to moderate your desire.

03:03:45:41 - 03:03:46:04

Eric Weinstein

Yes.

03:03:46:58 - 03:03:54:48

Eric Weinstein

It's certainly a cover story. It's certainly stuff we can't explain.

03:03:55:55 - 03:03:56:42

Eric Weinstein

But the claim really coming from inside the beast is we've seen stuff that is so clear that we know that there's something there. And Eric, we just can't show it to you. And by the way, the reason that it seems to be government restricted, first of it's very hard to take good video with the phone. And if you've noticed this.

03:04:14:54 - 03:04:15:53

Eric Weinstein

They're getting better at it.

03:04:16:48 - 03:04:28:44

Eric Weinstein

I felt like I now spend my flights. I take the window seat and I sit there with my camera glued to the window under stop action, whether there's a second slo.

03:04:28:44 - 03:04:31:46

Eric Weinstein

Mo or not slo mo, the time lapse.

03:04:32:51 - 03:04:36:14

Eric Weinstein

The I'm up in the sky for a long time. There's basically nothing up there.

03:04:37:33 - 03:04:39:27

Joe Rogan

But trying to find things on your phone.

03:04:39:45 - 03:04:40:35

Eric Weinstein

But in part.

03:04:40:35 - 03:04:58:57

Eric Weinstein

It's like I do this thing where I take license plates and every time I see a license plate with three letters like NSA or MIT, I take a picture of it. So huge number of these things because I'm trying to train my brain. Here's random noise looks like. Like in other words, it's not telling you to do something.

03:04:59:22 - 03:05:16:13

Eric Weinstein

If it says BTC, I shouldn't go out and buy a bunch of bitcoin right? People don't realize that you have to train yourself because you're going to see lots of patterns once you start looking for them. In finance, I used to build random number generators that had the of the markets and it would generate pictures in the financial professors.

03:05:16:13 - 03:05:23:52

Eric Weinstein

Professionals would say, well, we've got to buy. This is a classic [head and shoulders pattern](#) and there's going to break out. It's like I generated this out of a simulator written in Python.

03:05:25:28 - 03:05:29:33

Eric Weinstein

So people are just they want to believe so much that they're going to lie.

03:05:29:34 - 03:05:30:12

Eric Weinstein

It's an issue.

03:05:30:12 - 03:05:33:07

Joe Rogan

Yeah, it's an issue with Bigfoot. It's an issue with everything.

03:05:33:07 - 03:05:37:37

Eric Weinstein

It's an issue with all of us. It's an issue with me, too. I have desires and I have to keep my desires in check.

03:05:37:37 - 03:05:42:21

Joe Rogan

Yeah. Everyone I have horrible, horrible with the unknown. Horrible with UFOs.

03:05:42:21 - 03:05:42:46

Eric Weinstein

Horrible.

03:05:42:49 - 03:05:48:23

Eric Weinstein

We have to camp and decamp. And that's what I think. What you do is great, which is you sort of believe. And then you say.

03:05:48:30 - 03:05:48:46

Eric Weinstein

Oh.

03:05:48:57 - 03:05:51:37

Joe Rogan

I give up, I change, right? I go back and forth.

03:05:51:37 - 03:05:54:52

Eric Weinstein

Well, that's what I do. Now, at the end of.

03:05:54:52 - 03:06:20:25

Eric Weinstein

The day, once you've pulled out all the mundane things, the question is, is there a residue left of things that actually are mind blowing? I can't tell you until I actually see stuff that somebody is willing to say, We captured this, it looks like this. But I can tell you that I am assured repeatedly by people who seem incredibly sober, who do not seem to be great actors, that they've seen amazing things, we have that is as clear as you can imagine. And we can't release it. And then you have this question of is there anyone smart who's trained in this very small number of areas, who's.

03:06:33:00 - 03:06:39:14

Eric Weinstein

Looked at this, or are you just going to like, eyeball it and pretend that it violates physical law when you don't even know physical?

03:06:39:14 - 03:06:41:20

Eric Weinstein

You don't know physical law!

03:06:41:20 - 03:06:47:36

Eric Weinstein

So far as I know, Eric W Davis is the top person who knows what a tensor is on this project!

03:06:47:52 - 03:06:49:19

Eric Weinstein

Are you are you kidding me?!?

03:06:49:39 - 03:06:55:57

Eric Weinstein

Try to imagine you're trying to do the Manhattan Project with with the K-Pop groups.

03:06:55:57 - 03:06:57:39

Joe Rogan

It's that big of a difference.

03:06:58:49 - 03:07:00:55

Eric Weinstein

People will say, well, we have electrical engineers like, I don't care!

03:07:02:20 - 03:07:09:39

Eric Weinstein

I'm talking quantum field theory, so I'm talking differential geometry. General relativity. And people are tired of like, you're an elitist. You're not, Oh, go fuck.

03:07:09:39 - 03:07:15:10

Eric Weinstein

You know, I shouldn't say that. Please edit this off what you said. Really? So I know, I know.

03:07:15:14 - 03:07:16:03

Joe Rogan

It was very soft. Go.

03:07:16:17 - 03:07:16:49

Eric Weinstein

But it's just like.

03:07:17:40 - 03:07:18:27

Joe Rogan

One of the kindest.

03:07:18:27 - 03:07:21:26

Eric Weinstein

Ever. He was no anger.

03:07:21:27 - 03:07:25:12

Eric Weinstein

Trying to be an adult. But it's been three years. You've been wasting my time.

03:07:25:24 - 03:07:25:46

Eric Weinstein

Yeah.

03:07:25:49 - 03:07:31:17

Eric Weinstein

You say the word "stovepipe" as if it means something. Shut up and show us what you've got. We're your team.

03:07:32:00 - 03:08:00:46

Joe Rogan

So I like your theory that they're covering up for some stuff that is. I mean, if really people have been harmed and I mean, this is one of the claims of back engineering, these things that's always fascinated me is there was Bob Lazar. So there's a previous person who was working on the job. They died, they tried to do something and there was some sort of an explosion and it was limited into it.

03:08:00:57 - 03:08:06:46

Joe Rogan

I think you and him together would be the greatest podcast of all time. Would you be interested in doing.

03:08:06:46 - 03:08:08:18

Eric Weinstein

It because you'd be able.

03:08:08:18 - 03:08:10:03

Joe Rogan

To tell, Oh Yeah, well, we'll dose you.

03:08:10:03 - 03:08:11:21

Eric Weinstein

Yeah, but let me say. So what do you want?

03:08:11:22 - 03:08:13:17

Joe Rogan

I don't know. Mushrooms. We got.

03:08:13:37 - 03:08:14:52

Eric Weinstein

Want to. I want a line of Sonoran Desert Toads that every time you answer a question wrong, you've got to lick the toad.

03:08:21:07 - 03:08:23:25

Joe Rogan

But you would be able to tell whether or not it's nonsense.

03:08:23:42 - 03:08:27:27

Eric Weinstein

Yes or no. I'm not the best person to be better at it than to be better than you.

03:08:27:28 - 03:08:31:19

Eric Weinstein

For sure. For sure. But you want to know. Look, Shawn, Caroline, Shawn.

03:08:31:19 - 03:08:32:20

Eric Weinstein

Caroline, don't get along.

03:08:32:20 - 03:08:34:13

Joe Rogan

You need to be here for this, all right?

03:08:34:13 - 03:08:34:53

Eric Weinstein

You know.

03:08:35:15 - 03:08:35:54

Eric Weinstein

I'll show up.

03:08:35:54 - 03:09:00:05

Joe Rogan

Specifically and I'll show up. You're going to. Ready, man, This is it. You and him together would be so fascinating. His story hasn't fucking changed since 1989, man. It's if he's telling the truth.

If he really was this propulsion expert from Los Alamos labs who they brought in because they were kind of trying to figure out what the fuck is going on and compartmentalized so no one can talk to anyone.

03:09:00:05 - 03:09:20:24

Joe Rogan

So no real science can be done. And they're saying, tell me what you know, like, let's figure this out. And he gets to it and almost immediately he's like, This is nothing that we know how to do. This is nothing that we're making. This is something from some it's something that's not even designed for human form. It's designed as a physical vehicle.

03:09:20:24 - 03:09:22:39

Joe Rogan

Yeah, it's designed for something much smaller than humans.

03:09:22:58 - 03:09:40:19

Eric Weinstein

I know nothing about Bob Laser. I've seen something about element 115, which I don't understand is like he predicted. Yes, they're indexed number of protons. So I can predict that, you know the elements have yet to discover are going to be in the same numerically.

03:09:40:19 - 03:09:44:13

Eric Weinstein

I don't get that That's interesting. Yeah but I think the.

03:09:44:13 - 03:09:47:56

Eric Weinstein

Claim is different. The claim is, is that this element must have some property or that.

03:09:48:16 - 03:10:00:23

Joe Rogan

He said it's a stable version of this element and that in where ever these beings are from, they have access to stable version of this element that we don't have access to here.

03:10:00:23 - 03:10:03:45

Eric Weinstein

So let me make an analogy. Gold I don't know if you know this about gold.

03:10:04:51 - 03:10:06:12

Eric Weinstein

What we call gold.

03:10:06:39 - 03:10:21:25

Eric Weinstein

Is the single stable version of gold. There are a bunch of isotopes that are all radioactive that turn into other stuff. So like, I have to pay you in gold. If I choose a gold that isn't the one that works.

03:10:22:19 - 03:10:23:07

Eric Weinstein

It's completely.

03:10:23:07 - 03:10:23:38

Eric Weinstein

Unstable.

03:10:23:38 - 03:10:25:13

Joe Rogan

So you gave me unstable gold.

03:10:25:13 - 03:10:26:25

Eric Weinstein

I know. I Give you that. What happens.

03:10:26:52 - 03:10:26:58

Eric Weinstein

Is.

03:10:27:00 - 03:10:28:03

Joe Rogan

You die if you touch it.

03:10:28:03 - 03:10:30:00

Eric Weinstein

Well, certainly you'll certainly.

03:10:30:00 - 03:10:33:09

Eric Weinstein

Get some radiation, but you'll also find that there's much less gold.

03:10:33:37 - 03:10:37:37

Eric Weinstein

Every time you check on your mount. My precious. Oh, wow. Right. Whoa.

03:10:37:49 - 03:10:45:05

Eric Weinstein

But what I'm trying to get at is that it may be a claim that there's an island of stability. Like with gold. There's one isotope that's.

03:10:45:05 - 03:10:45:59

Eric Weinstein

Stable, right?

03:10:47:24 - 03:11:00:39

Eric Weinstein

I don't know anything about that. I'm not the guy for that. But I can. I can. Here's the thing, Joe. I can tell you what I know and what I don't know. And I could certainly probe him. The thing that I'm uncomfortable about, I don't know if you saw my interaction with Halper off.

03:11:00:59 - 03:11:01:40

Joe Rogan

No, I did not.

03:11:02:43 - 03:11:08:00

Eric Weinstein

So I interview help put off, and we're talking about this stuff and it goes to remote viewing.

03:11:08:04 - 03:11:13:30

Eric Weinstein

I'm going to do remote viewing now. But if you think about it, when you get.

03:11:13:30 - 03:11:17:40

Eric Weinstein

Like a face call from your wife who's on traveling on business or something.

03:11:17:52 - 03:11:26:38

Eric Weinstein

Through you're traveling on business, doesn't matter. That's remote viewing. Mm hmm. So you don't realize it, but something completely.

03:11:26:38 - 03:11:32:31

Eric Weinstein

Mundane to you, like a video call is a version of this insane sounding.

03:11:32:31 - 03:11:32:51

Eric Weinstein

Thing.

03:11:32:56 - 03:11:43:53

Joe Rogan

It's just done through a device, much like a camera lens. Sees things much like your eyes see things. You're just doing it physically. It's doing it through a device so it.

03:11:43:53 - 03:11:45:43

Eric Weinstein

Yeah. So when you launch here.

03:11:45:55 - 03:11:48:27

Eric Weinstein

How put off say that he made money in the market.

03:11:48:55 - 03:11:52:40

Eric Weinstein

That he needed to raise money for school. So instead of doing a bake.

03:11:52:40 - 03:11:58:19

Eric Weinstein

Sale he did remote viewing in the market I noticed one eyebrow just went up. So Sean Connery.

03:11:58:19 - 03:11:59:40

Joe Rogan

So what do you think about that?

03:12:00:27 - 03:12:09:27

Eric Weinstein

We did not have a comfortable interaction. He was respectful. But I, I certainly communicated that for a guy who's trying to prove that this stuff is real.

03:12:09:27 - 03:12:10:49

Eric Weinstein

Yeah. Wouldn't you.

03:12:10:51 - 03:12:17:49

Eric Weinstein

Like to invite me to your private island if this stuff works, rather than making exactly \$26,000 or whatever the target amount.

03:12:17:49 - 03:12:18:14

Eric Weinstein

Was?

03:12:18:41 - 03:12:20:36

Joe Rogan

Right? Why wouldn't you keep going with that?

03:12:20:54 - 03:12:33:14

Eric Weinstein

Right. It's like he's like, Well, I'm too busy. It's like, well, I understand being too busy to make money because I've certainly exhibited that behavior. But if making money is the best way of advertising that this stuff is real.

03:12:34:12 - 03:12:38:24

Eric Weinstein

Why wouldn't you actually do it?

03:12:38:24 - 03:12:41:18

Eric Weinstein

So that was a very uncomfortable interaction that I had with him.

03:12:41:54 - 03:13:01:19

Joe Rogan

That doesn't necessarily mean that he doesn't do it. You know, there could be this thought that and this is, you know, what people would say about psychic ability as well. There could be that thought that some people feel that abusing their power or using the power for purpose. I totally would somehow or another believes it's effective.

03:13:01:19 - 03:13:05:25

Eric Weinstein

I so much want to make money from Geometric Unity and so.

03:13:05:25 - 03:13:07:04

Eric Weinstein

But do it with magic. Well.

03:13:07:30 - 03:13:23:25

Eric Weinstein

But there's something about not in my father's house. You don't want to be the money changer in the temple. I'm happy to make money hand over. And I'm pro capitalism, but like selling Geometric Unity makes me feel sort of sick to my stomach.

03:13:23:25 - 03:13:24:28

Eric Weinstein

And I think about it. I mean.

03:13:24:33 - 03:13:25:40

Eric Weinstein

I'm not so pure that I don't.

03:13:25:46 - 03:13:26:20

Eric Weinstein

Actually wish.

03:13:26:20 - 03:13:30:37

Eric Weinstein

But what I'm trying to say is you're trying to do something that's supposed to bring people together and.

03:13:30:37 - 03:13:32:58

Eric Weinstein

You have a world in which we're losing.

03:13:32:58 - 03:13:54:19

Eric Weinstein

All support for blue sky stuff. So I think in Hal's case, I just felt sad that I, I threw a bunch of proto shade that people are assembled into doubting, I think how was sincere. But I think what he was saying didn't make sense.

03:13:54:37 - 03:13:55:55

Joe Rogan

The remote viewing part of it.

03:13:56:02 - 03:13:59:15

Eric Weinstein

Yes. And so I felt bad about like.

03:13:59:15 - 03:14:03:45

Joe Rogan

What if it's possible? What if it's just not possible most of the time?

03:14:03:52 - 03:14:14:24

Eric Weinstein

Well, for example, let's imagine he claims that they sent people to the bottom of the sea and submarines were able to remote view. And so the water is acting as a screen.

03:14:15:03 - 03:14:15:24

Eric Weinstein

We're like.

03:14:15:25 - 03:14:18:46

Eric Weinstein

Like can't get to the bottom of the Marianas Trench, for.

03:14:18:46 - 03:14:21:07

Eric Weinstein

Example. But neutrinos can.

03:14:21:45 - 03:14:43:03

Eric Weinstein

So if you imagine that there was some particle that could penetrate and be received, we have telescopes for photons, for gravitons, which is large, and for neutrinos, which is like was an ice cube or polar bear. So you imagine that there's some field that can penetrate the oceans that could be received. I can come up with the sci fi.

03:14:43:03 - 03:14:50:49

Joe Rogan

Story, right? So you would imagine that these neutrinos are containing information you could attach to everything all over the world.

03:14:50:50 - 03:14:51:52

Eric Weinstein

I'm not saying that that's what.

03:14:52:13 - 03:14:52:39

Eric Weinstein

I know you.

03:14:52:39 - 03:15:00:18

Eric Weinstein

Said. I'm saying, yeah, if you wanted to say Eric a gun to your head, we we believe in remote viewing. Tell me a fairy tale.

03:15:00:25 - 03:15:01:04

Eric Weinstein

Right. I could.

03:15:01:04 - 03:15:01:42

Eric Weinstein

Come up with fairy.

03:15:01:42 - 03:15:03:22

Joe Rogan

Tales, and that could be one of them.

03:15:03:22 - 03:15:04:02

Eric Weinstein

Hmm. Hmm.

03:15:04:44 - 03:15:11:40

Joe Rogan

Do you think that it's possible that there are states of consciousness that can be achieved.

03:15:12:23 - 03:15:13:22

Eric Weinstein

Through.

03:15:14:52 - 03:15:38:54

Joe Rogan

Some form of meditation or some for some form of training, the mind to get into a very specific focus that would allow you to access information that is otherwise unavailable? I don't I don't have any experience in that. I haven't done it right. So I would imagine it can't done because I can't do it or haven't done it.

03:15:39:23 - 03:16:07:12

Joe Rogan

But is it possible that there are states of mind that can be achieved through whether it's all topic breathing or whether it's meditation? There's states of mind that that are measurably achievable, that are very different from the current consciousness brilliant to people are just talking. Is it possible that there's a way that some people have of occasionally tapping in to information that's unavailable to you are right now, so let's.

03:16:07:12 - 03:16:10:35

Eric Weinstein

Do a junior version and then get to your question. Okay. Junior version.

03:16:10:35 - 03:16:15:41

Eric Weinstein

Is, is there a way that we can like look inside your body without opening.

03:16:15:41 - 03:16:17:07

Eric Weinstein

Your body up to figure out whether you.

03:16:17:07 - 03:16:19:55

Eric Weinstein

Have pancreatic cancer and MRI's are.

03:16:20:20 - 03:16:31:28

Eric Weinstein

So tomography and the radon transform. The point is any sufficiently advanced mathematics or physics seems like deep black magic.

03:16:31:28 - 03:16:33:05

Joe Rogan

Yeah. Indistinguishable from magic.

03:16:33:05 - 03:16:46:08

Eric Weinstein

Exactly. So it's an Arthur C Clarke problem. No, if you ask me, I'm very freaked out about this cat mutilation because people I know swear by it and they say this is absolutely, you know, come see the autopsy.

03:16:46:08 - 03:16:52:30

Joe Rogan

There's been some weird ones for sure. Okay. They're fascinating. But I mean, if you're going to come all the way here to fuck with our cows.

03:16:52:53 - 03:16:54:34

Eric Weinstein

Well, no, the issue is.

03:16:57:34 - 03:16:58:30

Joe Rogan

They don't do it to people.

03:16:58:30 - 03:16:58:42

Eric Weinstein

This.

03:16:58:49 - 03:17:00:01

Eric Weinstein

Point. The step is.

03:17:00:28 - 03:17:01:53

Eric Weinstein

Yeah, but this is weird.

03:17:01:53 - 03:17:09:45

Eric Weinstein

Yeah, but the step is, again, people think mammals are defined like live birth and breasts and, you know.

03:17:10:07 - 03:17:10:28

Eric Weinstein

No.

03:17:11:06 - 03:17:24:19

Eric Weinstein

It's three bones in the ear, if I'm not mistaken. And those three bones to do with Insect of Orient ancestors who probably needed their ears detached from their jaws so they could hear high pitched whining. That's a.

03:17:24:19 - 03:17:30:50

Eric Weinstein

Theory. We don't know if it's true. Whoa. Okay. Now, those three little bones that mean so much.

03:17:32:04 - 03:17:45:21

Eric Weinstein

What they do is they transmit sound through the tympanic membrane to the organ of Corti so that the cilia in this rolled up seashell in your ear, vibrate at particular frequencies. So when I'm talking to you and I say.

03:17:46:01 - 03:17:48:05

Eric Weinstein

Joe, that's absolutely ridiculous.

03:17:48:09 - 03:17:58:17

Eric Weinstein

What what I'm doing is I'm stimulating different hair follicles in your organ of Corti to vibrate different times. Or if I get a wise man say.

03:17:58:48 - 03:18:00:55

Eric Weinstein

That's tone three.

03:18:00:55 - 03:18:20:34

Eric Weinstein

Have frequencies above back to same tone. Those things are perceived as pitch. I could imagine something caring about the idea of how do I communicate thoughts through the tympanic membrane using the stapes. Does it sound exotic? Yes. Does that sound like bullshit?

03:18:21:14 - 03:18:22:10

Eric Weinstein

Absolutely.

03:18:23:00 - 03:18:43:13

Eric Weinstein

However It's not outside of the realm using the scientific method, which is you imagine that there's intelligence on the other end of this thing and it's going use every trick in the book because it's smarter than we are to figure out how to communicate with us. Now, have I gone out into the desert? Have I prayed? Have I tried to get these things to talk to?

03:18:43:13 - 03:18:47:25

Eric Weinstein

I have, right. I'm an atheist.

03:18:48:37 - 03:18:58:10

Eric Weinstein

But these things have a religious effect on people. They view them as angels. They view them as transcendent beings. They think that physical.

03:18:58:17 - 03:18:58:37

Eric Weinstein

And.

03:18:58:40 - 03:19:17:04

Eric Weinstein

The book of Ezekiel is about this stuff. It's like, okay, it's only my self-respect. It's not, you know, I'm going to run an experiment because it's cheap. Why wouldn't I do that? Why wouldn't I do that? Heartfelt every Friday, Joe, you should come over to our family for Shabbat dinner. We pray we may be atheist, but not on Friday night.

03:19:17:11 - 03:19:18:25

Eric Weinstein

Friday night, we believe.

03:19:19:29 - 03:19:19:48

Eric Weinstein

Right.

03:19:20:33 - 03:19:35:34

Eric Weinstein

And my claim is that there are plenty of opportunity is using the scientific method. If something is much smarter than us and is able to communicate these things, maybe it said to Hal, Look, we can't interfere with you because we have a prime directive, but we.

03:19:35:34 - 03:19:37:31

Eric Weinstein

Can give you indirect.

03:19:37:31 - 03:19:37:55

Eric Weinstein

Hints.

03:19:38:18 - 03:19:40:10

Eric Weinstein

You know? What do I know? I don't know.

03:19:40:10 - 03:20:00:57

Eric Weinstein

Anything. Do I think it's likely? No. I think Hal is probably not correct. Right. But is it impossible to communicate with somebody below the bottom of the sea? No, it's not impossible. Even using neutrinos, it's not impossible. But is there any mechanism that implements it? None that I'm aware of. Do we listen for neutrino events? 100%. [1987A](#) the supernova. I believe that the photons and the neutrinos were screams at us and it arrived almost at the same time because the neutrinos we now know have a tiny mass. So they wouldn't be traveling at quite the speed of light.

03:20:14:45 - 03:20:15:55

Eric Weinstein

Now the point is, let's imagine that we had Neil deGrasse Tyson on. He's not having any of this shit.

03:20:21:30 - 03:20:37:03

Eric Weinstein

He's he's locked in to because he's not really a physicist at a practicing level. He has to worry about his respectability. He is 100% one of the most brilliant at scientific exposition I've ever seen in my life. But he can't think he's not ready to do great science because great science an element of irresponsibility to it. And what we don't understand, I think about it is, is that when we decide that everybody has to do good science, it's like you doom yourself. Many of the greatest scientists of all time were borderline quacks.

03:21:01:17 - 03:21:23:36

Eric Weinstein

The belief, for example, that Watson and Crick had that DNA had to be a helix. I mean, Jim Watson is somebody I know and I dealt with for days straight, the reason he beat Rosalind Franklin is that she couldn't spend one day not being a good scientist. She was a good scientist, and he admitted he was not okay, but he was convinced it had to be Helix.

03:21:23:36 - 03:21:44:56

Eric Weinstein

And from her perspective, it's like, oh, you want to be Linus Pauling who figured out the alpha helix and proteins. So you're going to take Linus work and you're going to superimpose it on DNA and explain my maltese cross. And it's not about male versus female. Absolutely Jim Watson claims that if Rosalind Franklin had spent one afternoon thinking it was a helix, she would have gotten it before he did.

03:21:46:04 - 03:22:14:02

Eric Weinstein

It's an extremely generous, kind, feministic belief. She was a good scientist. He admits. He was not a good scientist, but he was a great scientist. And that's the big difference. Great scientists engage in Quackery. Kary Mullis taking LSD getting stoned out of his mind, coming up with the polymerase chain reaction is an example of great science, right?

03:22:14:24 - 03:22:23:00

Eric Weinstein

Richard Feynman claiming that a particle takes every possible path that can simultaneously does not make sense. But it's great science. It's not good science.

03:22:23:40 - 03:22:48:55

Joe Rogan

So it's almost like guitar playing. You can be very technically proficient or you can figure out a way to do something someone hasn't done before and do it in a way. You're using creativity and science together.

03:22:50:25 - 03:22:50:49

Eric Weinstein

Okay.

03:22:51:32 - 03:22:52:30

Joe Rogan

Does this make sense?

03:22:52:44 - 03:22:53:38

Eric Weinstein

If you look at, for example, [Jeff Beck](#)'s version of [Drown In My Own Tears](#) with [Jools Holland](#).

03:23:01:12 - 03:23:16:26

Eric Weinstein

That is one of the greatest vocal performances I've ever heard. I cried. I pulled over to the side of the road and wept when heard that thing, because he died. And I was just like, Yeah, whatever. Jeff Beck died. I know he's supposed to be the greatest is, you know, blah, blah. But it's like I have no time for.

03:23:16:40 - 03:23:20:09

Joe Rogan

I got to drive him once. What? When I was a limo driver.

03:23:20:09 - 03:23:23:36

Eric Weinstein

Hold up! Yeah. Wait. Break from UFOs.

03:23:23:36 - 03:23:25:13

Eric Weinstein

Joe, you have to tell me you're Jeff Beck.

03:23:25:13 - 03:23:43:53

Joe Rogan

So I was supposed to drive [Stevie Ray Vaughan](#) was. Trayvon refused to take a limo. Steve Raven would always take cabs. Oh, isn't that wild? And that was a giant Steve Raven fan because my boxing was a huge fan and he was a he would always play that song. Oh, God, there's a bunch of them. But is it Ireland?

03:23:43:53 - 03:23:46:58

Joe Rogan

Is that this is this one song.

03:23:46:58 - 03:23:47:49

Eric Weinstein

Never heard of this.

03:23:47:54 - 03:24:02:11

Joe Rogan

Oh, my God. This guy. This. This guy used to hit the bag and play this one song by Stevie Ray Vaughan. And I can't remember what fucking song it was, but I became fascinated with Stevie Ray Vaughan because of my friend. And as I was driving limos, I had an opportunity to.

03:24:02:20 - 03:24:04:37

Eric Weinstein

I was going out to go to pick up Stevie Ray Vaughan. This is.

03:24:04:37 - 03:24:10:49

Joe Rogan

Insane. But as he was with Jeff Beck, I'm like, That's pretty cool. So I drove Jeff Beck, but it was to.

03:24:10:49 - 03:24:14:18

Eric Weinstein

Me like I was an idiot in the lead over there. No.

03:24:14:40 - 03:24:40:24

Joe Rogan

Yeah. I also got a chance to pick up Annie Lennox's security guy was this fascinating dude. He was a lot of fun. And so I got to see. I was, like, as close to you. Are is to Annie Lennox. And this was when the Eurythmics were huge and she was in this restaurant. And I swear to God, dude, her voice was like a like a cable wire when she would talk.

03:24:40:31 - 03:24:41:04

Eric Weinstein

Yeah, it.

03:24:41:04 - 03:24:58:40

Joe Rogan

Would. It would almost like she had a nuclear voice. Like, even just her talking, you would. You would like knowing how beautiful her voice was when she sang, he was like, Oh, my God, she's like an athlete. Like, she's like an athlete target. I love her just the way her voice was carrying in this conversation like, this is amazing.

03:24:58:40 - 03:25:05:49

Joe Rogan

Her voice is incredible. And that was really oh, wow. That's like a trained skill, like a ballerina with her vocal chords.

03:25:05:49 - 03:25:06:34

Eric Weinstein

I believe before it was trained, it was just.

03:25:08:06 - 03:25:08:31

Eric Weinstein

I have the same feeling about Eva Cassidy and Annie Lennox. It's just that these people are not part of reality.

03:25:14:17 - 03:25:30:01

Joe Rogan

Yeah. Yeah. Well, is a gymnast a part of reality? I mean, they develop that ability. I mean, I think that's what it is. I think we're seeing the final product. We're not understanding that there's this long and some people have more physical gifts than others. Others do. But that's with gymnasts as well.

03:25:30:01 - 03:25:32:15

Eric Weinstein

I think. You ever heard.

03:25:32:15 - 03:25:39:16

Eric Weinstein

Eva Cassidy get sick and things Monday and something about the sickness causes her voice to do something that no voice has ever done?

03:25:39:18 - 03:25:40:55

Eric Weinstein

Oh, no. Oh, dude.

03:25:40:57 - 03:25:42:03

Eric Weinstein

This is like heroin.

03:25:42:36 - 03:25:46:49

Eric Weinstein

Wow. Jeff Beck is more vocal than these people.

03:25:47:15 - 03:25:53:13

Eric Weinstein

This version of Drowning in My Own Tears, which is a cover. Ray Charles did a cover version of it, and he figured out what the song was supposed.

03:25:53:42 - 03:26:02:15

Joe Rogan

Okay, yeah, hit me. Whatever.

03:26:02:15 - 03:26:46:22

Speaker 6

And then it hit me the what?

03:26:46:22 - 03:26:50:06

Joe Rogan

A bad motherfucker. What a bad motherfucker.

03:26:50:06 - 03:26:52:28

Eric Weinstein

By the way, I just want to say.

03:26:53:33 - 03:26:55:28

Eric Weinstein

That you're not going to want me to say, but fuck you.

03:26:57:01 - 03:27:17:25

Eric Weinstein

I was hanging out with his bass player [Tal Wilkenfeld](#), and she got covid in. And I heard that you sent a nurse with an I.V. with all of this sort of stuff to get to work and felt this unbelievable bass player that just friend. Yeah, but she's like an she's like a next level human being.

03:27:17:25 - 03:27:18:19

Joe Rogan

She is. I love her.

03:27:18:19 - 03:27:18:50

Eric Weinstein

She's great.

03:27:18:52 - 03:27:19:19

Eric Weinstein

I know.

03:27:19:30 - 03:27:23:33

Eric Weinstein

But like, you know, you take a lot.

03:27:23:33 - 03:27:32:49

Eric Weinstein

Of shit from stupid shit that you do. What a big heart you have and nobody even knows what you do for people around you. And I just want to say thank you okay, That was.

03:27:33:28 - 03:27:33:35

Eric Weinstein

An.

03:27:33:41 - 03:27:34:35

Eric Weinstein

Authorized thing.

03:27:34:35 - 03:27:36:09

Eric Weinstein

I want to get back to you. Think. Okay.

03:27:36:19 - 03:27:37:47

Eric Weinstein

The Jeff Beck thing this year.

03:27:37:49 - 03:27:38:27

Eric Weinstein

Oh, my God.

03:27:38:42 - 03:27:40:24

Eric Weinstein

Right. Like she's 12 years old.

03:27:40:57 - 03:27:41:18

Joe Rogan

Of this.

03:27:49:21 - 03:27:49:37

Eric Weinstein
State.

03:27:51:46 - 03:27:53:54

Eric Weinstein
This is Costa Rica. Wow.

03:27:54:52 - 03:28:08:16

Joe Rogan
I like how they have the little Indian rugs on stage. That's pretty dope.

03:28:08:16 - 03:28:17:27

Eric Weinstein
So Incubus with my kinds of gear and Brandon Boyd, and that was Costa Rica where they were getting blown away and she couldn't even properly because there.

03:28:17:47 - 03:28:18:45

Eric Weinstein
Was getting blown at.

03:28:18:46 - 03:28:23:02

Joe Rogan
Her. I met her at the store. She's friends with Tony Hinchcliffe as I became friends with her.

03:28:23:04 - 03:28:27:06

Eric Weinstein
Yes. Like she doesn't want to hang out with music people. She wants to hang with scientists and the.

03:28:27:10 - 03:28:32:58

Joe Rogan
Community she loves hanging out comics. Yes, that with us all the time. She's calls, she's cool. She's really cool to talk to.

03:28:32:58 - 03:28:40:13

Eric Weinstein
But Incubus, interesting person is like they're really into science. They're the most down to earth rock stars. Jeff Beck.

03:28:40:49 - 03:28:41:42

Eric Weinstein
So, you.

03:28:41:42 - 03:28:42:43

Eric Weinstein

Know, in terms of.

03:28:44:25 - 03:28:46:31

Eric Weinstein

Vocal.

03:28:46:31 - 03:29:10:56

Eric Weinstein

I did not understand what this guy was able to do multi-dimensional with that whammy bar and using the slide as a plectrum. This guy developing techniques not to not to flash you, not to give my mom, Steve, play a million notes a second. But he was just like, I'm going to spend my entire life not becoming a rock star, but becoming the ultimate technician because of the things I feel in my soul that I want to share with you people.

03:29:11:38 - 03:29:27:39

Eric Weinstein

And I didn't get this. The only way I found talent is that I thought like, okay, I was always thinking I'd get around to Jeff Beck, and then he died and it's like, okay, whatever. I'm too busy. And I start feeling shitty about it. I thought, what happened to his bassist? And they found out she followed me and I was.

03:29:27:39 - 03:29:28:48

Eric Weinstein

Completely.

03:29:29:51 - 03:29:35:54

Eric Weinstein

Unprepared for like these people who are channeling the Universe directly through music.

03:29:35:54 - 03:29:38:54

Eric Weinstein

Yeah, that's right. Yeah, that's what it is, right?

03:29:40:14 - 03:29:43:59

Joe Rogan

That's what it is. When when someone like a Gary Clark Junior plays guitar, there's like.

03:29:43:59 - 03:29:48:25

Eric Weinstein

Who you introduced me to at the store where I never met him. You know, It's just like.

03:29:49:03 - 03:29:50:24

Joe Rogan

He's not a fucking man.

03:29:50:24 - 03:29:55:06

Eric Weinstein

Well, music, science and humor are.

03:29:55:06 - 03:30:06:01

Eric Weinstein

My three things that I use to measure human intelligence. You can't use an IQ test to get up in the stratosphere. These are the three things that actually discriminate humor.

03:30:06:46 - 03:30:09:16

Eric Weinstein

Music and science, the like.

03:30:09:39 - 03:30:23:27

Eric Weinstein

In general, I can assure you that when you order a sandwich, it's subway. If you do so, you don't do it in any particularly special way. But let me just say this. I saw you work up this thing about professional wrestling. This guy over many nights.

03:30:23:27 - 03:30:27:28

Eric Weinstein

He because he kept inviting me to the store. And, you know.

03:30:28:35 - 03:30:42:39

Eric Weinstein

I like this whole controversy about you and and money. It really hurt me because I've never seen anybody as non bigoted as you and I've hung out with you drunk and this stuff would come out and it's just like bullshit.

03:30:43:04 - 03:30:43:21

Eric Weinstein

But I.

03:30:43:21 - 03:30:53:47

Eric Weinstein

Did have this like envy, which is I want to be the gays and get you to work up Actually, what's going on with Jews and money and take the William Tell shot.

03:30:54:27 - 03:30:56:27

Eric Weinstein

Where you get past.

03:30:56:27 - 03:31:00:39

Eric Weinstein

This sort of dime store stupid shit and actually like.

03:31:01:04 - 03:31:01:35

Eric Weinstein

Basically.

03:31:02:11 - 03:31:08:38

Eric Weinstein

The thing about Jews and money is the Jews that had money survived and the Jews that didn't have money.

03:31:08:38 - 03:31:09:52

Eric Weinstein

Died in the camps.

03:31:10:35 - 03:31:20:09

Eric Weinstein

And every diaspora community, whether it's the overseas Chinese, where you have the Parsis in India, where you have the Gujarat is in the east of Africa.

03:31:21:00 - 03:31:23:18

Eric Weinstein

The isn't money, Joe, it's liquidity.

03:31:23:45 - 03:31:38:16

Eric Weinstein

All of us diaspora communities have to have liquidity or when things turn bad we get screwed right? And there is some routine. What I found about you in the gays in professional wrestling thing, you just for people who.

03:31:38:16 - 03:31:41:36

Eric Weinstein

Don't know, I was.

03:31:41:36 - 03:31:45:32

Eric Weinstein

Sitting there at the Comedy Store and Joe says, I was watching professional wrestling and it is.

03:31:45:32 - 03:31:46:58

Eric Weinstein

So gay.

03:31:46:58 - 03:31:48:46

Joe Rogan

God is definitely not how I set it up.

03:31:48:46 - 03:31:49:04

Eric Weinstein

Wait a.

03:31:49:04 - 03:31:49:31

Eric Weinstein

Second.

03:31:49:37 - 03:31:50:18

Joe Rogan

At all.

03:31:50:56 - 03:31:54:03

Eric Weinstein

In the audience. That freaks out. That is exactly.

03:31:54:03 - 03:31:55:35

Joe Rogan

Not how it was set up. And then.

03:31:55:35 - 03:31:57:43

Eric Weinstein

You turned around and looked at us and you said.

03:31:57:55 - 03:31:58:46

Eric Weinstein

Wait a minute.

03:31:59:00 - 03:32:00:05

Eric Weinstein

I didn't say it was.

03:32:01:21 - 03:32:03:19

Eric Weinstein

You did that. Yeah, right.

03:32:03:28 - 03:32:04:15

Eric Weinstein

And it was like this.

03:32:04:42 - 03:32:05:15

Eric Weinstein

Where we wait.

03:32:05:15 - 03:32:11:45

Eric Weinstein

What? He just turned all the negative energy in the room on us for our latent homophobia. And then it was.

03:32:11:45 - 03:32:15:45

Eric Weinstein

Like we all had it and we realized.

03:32:15:45 - 03:32:30:37

Eric Weinstein

We had it. And then if I was sitting next to a gay guy and I started the evening homophobic, I guarantee you by the end of that act, act, which you figured out over multiple times that I saw, we were sitting there ready to hug each other. And I want you to do the same thing for us Jews.

03:32:30:37 - 03:32:34:44

Eric Weinstein

I want you I want you to figure out your fucking money and.

03:32:34:44 - 03:32:46:48

Eric Weinstein

Jewish thing and do for us what you did for the gays because that was a transformative experience. When I saw Chappelle take that shot on behalf of Khanya, I have to take a kind of detour.

03:32:47:22 - 03:32:49:21

Eric Weinstein

Okay?

03:32:49:21 - 03:33:05:33

Eric Weinstein

People do not understand what happened with Kenya. And I want to talk about this from a Jewish perspective. Can you in 2018, for some reason, Candace Owens, of all people, was like my fan, and she called me up. So I'm meeting with Kanye, which is my dream.

03:33:05:33 - 03:33:16:48

Eric Weinstein

I want you to be there. Like, what? All right. I show up. Kanye is the most kind, creative, mentally ill, wonderful.

03:33:17:07 - 03:33:19:22

Eric Weinstein

Generous person you could imagine.

03:33:19:37 - 03:33:20:36

Joe Rogan

That's a great way to put it.

03:33:21:18 - 03:33:26:13

Eric Weinstein

Okay. Kanye is like, can you come over tomorrow?

03:33:26:13 - 03:33:41:34

Eric Weinstein

Can you come out to Calabasas? We're like, hanging out, meeting Kanye as if this makes any effing sense. By the way, he's got an India that is the most ghetto lawyer thing I've ever seen. So if you say anything, this meeting, we'll take your child will take your left testicle. You will have.

03:33:41:34 - 03:33:42:19

Eric Weinstein

Nothing. I Look.

03:33:42:36 - 03:33:55:28

Eric Weinstein

I am not signing this bill. You're not meeting. Kanye's like, Fine, It's only Calabasas. I'll take an Uber home if you, like, they call it Kanye. Look, don't let it. Don't make him sign. Just come through as I come through him. And I'm, like, hanging out with Kanye.

03:33:55:49 - 03:33:57:51

Eric Weinstein

Like, Geek and the.

03:33:57:57 - 03:34:01:40

Eric Weinstein

Rap God and, like, he's got this videographer who's.

03:34:01:40 - 03:34:03:32

Eric Weinstein

Like, filming everything, and I'm like.

03:34:03:48 - 03:34:23:36

Eric Weinstein

I cannot deal with this person. Send them away. So he sends them away. And Kanye and I have this heart to heart. And let me tell you something, this is uncomfortable to say. I cannot imagine a kinder, more creative, more gentle, more loving, more inclusive person who invites me on the spot to a listening party for his new tracks.

03:34:24:07 - 03:34:25:40

Eric Weinstein

And I say, I have to get home to pee. And the.

03:34:25:40 - 03:34:33:00

Eric Weinstein

Kids, he's like, Will you understand this? Kanye is I'm I'm dropping it. It's like, I don't care. It's my wife, my kids. I got to get home.

03:34:33:32 - 03:34:36:09

Eric Weinstein

So he's like, okay, come to Wyoming. So he's inviting me to.

03:34:36:09 - 03:34:43:33

Eric Weinstein

Wyoming with like, Dude, I'm a meth person. Cut it out. He's like, You have to come to Wyoming. All right.

03:34:44:58 - 03:35:02:54

Eric Weinstein

We start talking about the concept of slavery in Jewish and black tradition. Now, part of the reason that Jews and blacks have very high tension is because we have very similar experiences. We both have a really deep relationship to slavery. In our case, it's Passover. In their case, you know, it's the history.

03:35:02:54 - 03:35:05:43

Eric Weinstein

We all know.

03:35:05:43 - 03:35:19:22

Eric Weinstein

And I said, can you there are three levels of slavery in Jewish thought. There's chattel slavery. We're actually enslaved. Then there's cultural slavery where we're a diaspora community and other people's lands, and then there's self slavery. We can't get past ourselves.

03:35:19:37 - 03:35:21:34

Eric Weinstein

Kanye West We're grooving all this stuff.

03:35:22:10 - 03:35:27:16

Eric Weinstein

Having this hard apartheid. We're walking around Calabasas and people are yelling out of car windows like, you know.

03:35:27:16 - 03:35:29:11

Eric Weinstein

Kanye, we love you. And like every.

03:35:29:11 - 03:35:36:59

Eric Weinstein

Time they do it, I remember that there's a crippled. The Crips have issued an alert from Long Beach that if Kanye strays out of Calabasas, he's to be taken out.

03:35:37:49 - 03:35:39:36

Eric Weinstein

Yeah. When was this? I don't know.

03:35:39:36 - 03:35:41:56

Eric Weinstein

Look up. Crips alert and Kanye 2018.

03:35:42:03 - 03:35:48:09

Eric Weinstein

Okay. So is it okay there are three levels we're reviving, blah, blah, blah. And I get this.

03:35:48:09 - 03:35:52:01

Eric Weinstein

Call from Kanye the next day because I'm not.

03:35:52:01 - 03:35:56:16

Eric Weinstein

Yes, he forgot. It was like, I'm just thinking I'm going to be.

03:35:56:16 - 03:36:01:48

Eric Weinstein

Killed in a drive by shooting because I can't get home to my wife because I'm hanging out with Kanye. And then nothing makes sense.

03:36:01:48 - 03:36:04:26

Eric Weinstein

In the world. Wow. Okay. Jesus Christ.

03:36:04:28 - 03:36:05:43

Eric Weinstein

Now I get this.

03:36:05:43 - 03:36:08:42

Eric Weinstein

Call from kind of like, Oh, Eric, I can't tell you.

03:36:08:42 - 03:36:11:43

Eric Weinstein

How amazing this all is. I was just at TMZ Z.

03:36:12:19 - 03:36:12:57

Eric Weinstein

And.

03:36:14:11 - 03:36:20:11

Eric Weinstein

I was explaining the theory about slavery and how this whole thing works and Jews and Passover. And I was explaining how much I love Hitler.

03:36:20:25 - 03:36:24:14

Eric Weinstein

But what did you say?

03:36:24:43 - 03:36:25:53

Eric Weinstein

Explaining how much I love Hitler.

03:36:26:25 - 03:36:28:31

Eric Weinstein

So I'm.

03:36:28:31 - 03:36:30:36

Eric Weinstein

I missed the meaning. Remember something.

03:36:31:12 - 03:36:33:59

Eric Weinstein

And I realize, okay, Kanye is.

03:36:33:59 - 03:36:38:00

Eric Weinstein

Focused on this spiritual Sunday thing and I realize what this.

03:36:38:13 - 03:36:43:10

Eric Weinstein

Is. Jesus, Jesus loves everybody. No matter how horrible.

03:36:43:10 - 03:36:44:29

Eric Weinstein

You are, Jesus loves you.

03:36:45:18 - 03:36:45:30

Eric Weinstein

Okay?

03:36:45:55 - 03:37:07:37

Eric Weinstein

And Kanye is thinking, what would Jesus do? And I'm realizing, like I'm thinking at top speed, like he's talking about Hitler at TMZ or whatever. I said, I want you to listen to me. He's like, Yeah, I said, I want you to run to TMZ. They don't want to destroy. I guarantee it, because you're a long term property that matters.

03:37:07:37 - 03:37:13:01

Eric Weinstein

And there's no reason that they would want to destroy you. And I want you to beg them not to release what you said.

03:37:14:15 - 03:37:14:36

Eric Weinstein

Don't.

03:37:14:36 - 03:37:16:39

Eric Weinstein

Don't question me. Just do.

03:37:16:39 - 03:37:19:39

Eric Weinstein

It.

03:37:19:39 - 03:37:28:17

Eric Weinstein

He runs to TMZ and they don't release this thing. And I guarantee you that they have the videotape.

03:37:28:17 - 03:37:31:35

Eric Weinstein
So when you hear that the Jews.

03:37:32:34 - 03:37:37:06

Eric Weinstein
And I love Dave Chappelle, but this thing he did on Saturday night was not right.

03:37:38:04 - 03:37:41:54

Eric Weinstein
Okay. Yes. Jews are so.

03:37:41:54 - 03:37:49:32

Eric Weinstein
Fucking traumatized that we are supersensitive to anything that makes it possible for people to tell.

03:37:49:32 - 03:37:50:09

Eric Weinstein
You to stop.

03:37:50:09 - 03:38:01:54

Joe Rogan
You for a second. Sure. He has to do that. That's his job. His Job is to make fun of something that's in the Zakk. I hear you. That is in the Zakk.

03:38:01:55 - 03:38:03:09

Eric Weinstein
I know you're going to say that the fact.

03:38:03:09 - 03:38:23:15

Joe Rogan
That Kanye West is being accused of this anti-Semitism and Dave Chappelle is hosting Saturday Night Live. Yeah, he's got this fake letter and he goes that Kanye West is how you buy some time. That shit was fucking hilarious. There's nothing not running on that. That was fucking hilarious.

03:38:23:15 - 03:38:25:17

Eric Weinstein
So I'm going to go toe to toe with you on this one.

03:38:25:17 - 03:38:25:37

Eric Weinstein
You don't think.

03:38:25:37 - 03:38:26:15

Joe Rogan

That was funny?

03:38:26:15 - 03:38:27:07

Eric Weinstein

Oh, not only.

03:38:27:07 - 03:38:37:30

Eric Weinstein

Was it funny, Dave Chappelle is a fucking William to hell level artist. He took his bow at an incredible distance. He hit an apple off of somebody's head.

03:38:37:30 - 03:38:39:09

Joe Rogan

So what is wrong with that? Ah.

03:38:40:28 - 03:38:51:19

Eric Weinstein

The issue is that it opens up this issue for people who are not at Dave Chappelle's level. Okay, so you made a joke about pizzas Italian.

03:38:51:19 - 03:38:52:44

Eric Weinstein

So you have to let me tell you.

03:38:52:44 - 03:38:54:18

Joe Rogan

Peter, your joke too. No, no.

03:38:54:37 - 03:38:57:54

Eric Weinstein

No, no, no Listen. No, no, no, no, no, no, no, no, no. That your.

03:38:57:54 - 03:38:58:26

Eric Weinstein

Problem.

03:38:58:26 - 03:38:58:48

Eric Weinstein

Joe.

03:38:59:07 - 03:38:59:42

Eric Weinstein

To be honest.

03:38:59:42 - 03:39:00:57

Eric Weinstein

With you, is that you and.

03:39:02:13 - 03:39:12:50

Eric Weinstein

Dave Chappelle are held by such hierarchy and such high regard by me, and I completely defended you 100%. This man has nothing to do with anti-Semitism. 100.

03:39:12:50 - 03:39:13:40

Joe Rogan

Percent. Well, thank you.

03:39:14:11 - 03:39:25:51

Eric Weinstein

You know. You don't need me. Appreciate. There's nothing. I love you. I love you. I love you. Here's to some bullshit. I love you, too. I know you don't need to.

03:39:25:51 - 03:39:28:19

Eric Weinstein

Defend me because there's no there's not a trace of it in.

03:39:28:19 - 03:39:28:44

Joe Rogan

You so.

03:39:28:44 - 03:39:29:54

Eric Weinstein

Himself. But, hey, we.

03:39:30:21 - 03:39:30:50

Eric Weinstein

All do it.

03:39:30:50 - 03:39:31:55

Joe Rogan

Okay? Please. Okay.

03:39:32:54 - 03:39:37:28

Eric Weinstein

I view you guys as the marksmen. You're the surgeons.

03:39:37:28 - 03:39:42:57

Eric Weinstein

You're the fucking neurosurgeons who can between two neurons and cut the bad one and leave.

03:39:42:57 - 03:39:43:30

Eric Weinstein

The good one.

03:39:44:06 - 03:39:59:33

Eric Weinstein

That is to me. I know that you guys think it's about mockery, it's about having fun, blah, blah, blah. I've been through the comedy. There is an aspect to Carlin's comedy, for example, or Richard Pryor or Lenny Bruce's that is.

03:39:59:33 - 03:40:01:58

Eric Weinstein

Timeless and immortal because.

03:40:03:01 - 03:40:04:46

Eric Weinstein

Comedy is so much more than getting a.

03:40:04:46 - 03:40:05:33

Eric Weinstein

Belly laugh.

03:40:06:27 - 03:40:10:51

Eric Weinstein

It's at a different level. I expect you.

03:40:10:51 - 03:40:14:16

Eric Weinstein

Guys to work to keep. I want you.

03:40:14:16 - 03:40:29:13

Eric Weinstein

To keep workshopping that thing till it finds its actual highest level. I'll tell you the joke about pizzas, money and juice right? I used to go to the Harvard School in Los Angeles, which was the top.

03:40:29:29 - 03:40:30:48

Eric Weinstein

Most exclusive.

03:40:31:37 - 03:40:49:12

Eric Weinstein

Episcopalian school in L.A. and it was sandwiched between these two beautiful, muscular Aryan men. And they would make the following joke. Hey, Eric, what's the difference between pizzas and Jews? The pizza doesn't scream when you put it in an oven.

03:40:49:47 - 03:40:53:25

Eric Weinstein

All right, This is a terrible joke.

03:40:53:27 - 03:41:16:33

Eric Weinstein

It's a terrible joke. And I lived it every fucking day. Okay, What is welling up right now on Twitter with Elon purchasing? This is a huge amount of antisemitism and what we need as a country, as you and I both know, and we've both been in the same fight, is we need a massive coming together. We need to laugh, we need to break bread together, we need to marry each other and have babies.

03:41:16:51 - 03:41:18:19

Eric Weinstein

So that we're virtually.

03:41:18:19 - 03:41:24:59

Eric Weinstein

Indistinguishable from each other. Eventually, we need love, and partially with the function of humor.

03:41:24:59 - 03:41:25:26

Eric Weinstein

Is.

03:41:25:49 - 03:41:32:09

Eric Weinstein

Is to facilitate that. This is how Jon Stewart reported the news. Hey, I'm the fake news. But he was actually reporting what the real.

03:41:32:09 - 03:41:33:01

Eric Weinstein

Right. Okay.

03:41:33:12 - 03:41:33:36

Joe Rogan

Okay.

03:41:34:01 - 03:41:48:10

Eric Weinstein

It is my reverence for Dave Chappelle, which says that he felt he fell short of his mark. He took the shot and he hit the apple. He didn't hit the but he made it look like everybody could do that. And now we've got an enormous number of anti-Semites.

03:41:48:37 - 03:41:49:06

Eric Weinstein

Who are.

03:41:49:49 - 03:42:02:42

Eric Weinstein

Focused on this thing right. I was on your show years ago. We asked this question about Jews in physics, and I made a joke of it. You said, like, why are there so many Jews in physics? And I said, Well, I guess we're lucky at physics. I'm done with that too.

03:42:03:41 - 03:42:05:27

Eric Weinstein

We have taken.

03:42:05:27 - 03:42:10:57

Eric Weinstein

This language about underrepresentation into our into our souls through this diversity equity.

03:42:10:57 - 03:42:11:27

Eric Weinstein

Inclusion.

03:42:11:54 - 03:42:13:53

Eric Weinstein

And if you ask about underrepresentation, you have to.

03:42:13:53 - 03:42:14:29

Eric Weinstein

Ask about.

03:42:14:29 - 03:42:19:08

Eric Weinstein

Overrepresentation and you know who's overrepresented Jews. And now we're calling it the Jewish question.

03:42:19:08 - 03:42:22:58

Eric Weinstein

Why are there so many fucking Jews, Jews, Jews? Because we're.

03:42:22:58 - 03:42:23:38

Eric Weinstein

Fucking great.

03:42:23:38 - 03:42:25:53

Eric Weinstein

At physics and we're great at comedy.

03:42:26:25 - 03:42:43:33

Eric Weinstein

And I'll tell you something, you want to get rich. I know that you're rich and you're a comic but in general, is comedy a good way to get make money? No, it's a terrible way to make money. And how many people are there? Like Jews everywhere we've got Jews were poor Jews were rich. This is that Jews are basically humans turned up to 11.

03:42:43:53 - 03:43:04:33

Eric Weinstein

We're on all extremes. We're more criminal than other people were. Less criminal than other people. We are in such danger at the moment because everything is breaking down. And when you can't figure out what's causing you a problem, people are always going to blame diasporic communities. They're going to blame overseas Chinese, they're going to blame good treaties. They can blame parties, they're going to blame Jews.

03:43:05:11 - 03:43:06:46

Eric Weinstein

And we are vulnerable right now.

03:43:07:13 - 03:43:12:43

Eric Weinstein

And the issue wasn't that Chappelle Great? Do we have anyone better than Chappelle? He's a genius.

03:43:14:22 - 03:43:14:58

Eric Weinstein

Straight up.

03:43:14:58 - 03:43:30:45

Eric Weinstein

Gangster genius. Amazing what we're looking for is routines. The elevator's beyond what Dave Chappelle turned in. I'm not claiming that Chappelle didn't make a hilarious routine. I'm claiming something different. I'm claiming that right.

03:43:30:45 - 03:43:33:41

Eric Weinstein

Now we need to heal. We need.

03:43:33:41 - 03:43:51:55

Joe Rogan

You Don't think this humor helps us heal? You don't know. I believe it was funny and that that of all no one laughing at that is laughing because they're anti-Semitic. People are laughing. It's just because it's a brilliant thing. It's funny. He's he's poking at the bear in the room Yeah. That Kanye West fucked up and he's like.

03:43:51:59 - 03:43:55:13

Eric Weinstein

Remember, remember I want you to remember Owen. Benjamin. Sure. Okay.

03:43:55:30 - 03:44:12:46

Eric Weinstein

I think Owen Benjamin is brilliant. He did so many great routines, really insightful, incredibly clever, made me laugh, and he went down a bad path at some point. And I'm sad about because I think he's a genius. I think the best of Owen Benjamin is fantastic.

03:44:13:10 - 03:44:15:25

Joe Rogan

What do you think causes people to go down bad paths.

03:44:15:27 - 03:44:40:53

Eric Weinstein

Because they don't know what's controlling them? They don't know what's going wrong. I'll tell you, the Jewish strategy straight up is we over contribute, we over succeed, we over contribute. You Wonder who built America as a superpower? It's Edward Teller. It's Stanislaw Lem. It's Robert Oppenheimer. When you allow Jews into your country, we pay more taxes, we do more philanthropy, we make tons of fucking money.

03:44:41:04 - 03:44:56:24

Eric Weinstein

We do some criminal shit that's stupid. We've exploited people, which is unfair. It's a complicated equation, but that's our equation for survival. On balance, we over contribute, over, succeed. And we love you. You know, we want to be strong.

03:44:56:24 - 03:44:57:07

Eric Weinstein

We're loyal.

03:44:58:12 - 03:45:09:54

Eric Weinstein

And right now people are scared that there's something that is DNA during our entire society. Joe Right. We're not ourselves. We're not strong we're not confident. We can't be masculine. We can't have children.

03:45:10:22 - 03:45:11:24

Eric Weinstein

Who we hit.

03:45:11:24 - 03:45:34:37

Eric Weinstein

We're tiptoeing around trans in the suspicion for who is keeping us from having normal interaction. There's always going to be Jews. You wonder why I'm only. Yeah, you wonder why I'm all over the Epstein thing. Because maybe it is Israel. And if it is Israel, it's not Israel. It's like a tiny department inside of the Mossad, and maybe it's our own intelligence services, but I'll be goddamned if it isn't a Jew who isn't going to be pushing this.

03:45:34:37 - 03:45:50:33

Eric Weinstein

Now. I've been invited to South America, for example, by a very prominent dual national between the United States and Israel. Like when he come down to my ranch, Eric, where we we have fun with with Cinder and Luminoso, The Shining.

03:45:50:33 - 03:45:53:02

Eric Weinstein

Path, it's like, what does that mean?

03:45:53:47 - 03:46:06:27

Eric Weinstein

I'm being intimidated, Joe. I'm being threatened because obviously Jeffrey Epstein looks a lot like Ellie Cohn, the super spy of Israel who held orgies in his Damascus.

03:46:06:27 - 03:46:08:24

Eric Weinstein

Apartment right now.

03:46:08:24 - 03:46:14:13

Eric Weinstein

I don't know. Jeffrey Epstein may be a U.S. intelligence product. It may be a joint product. He may be an Israeli. I don't.

03:46:14:13 - 03:46:14:27

Eric Weinstein

Know.

03:46:15:12 - 03:46:28:37

Eric Weinstein

But I can tell you this it's not the Jews who are behind Jeffrey Epstein. And I will be goddamned if I won't be pushing that because I'm going to stand up for 12 year old girls, whoever they are. This is an immoral human being. I've been on this since the beginning. It's not.

03:46:28:37 - 03:46:31:31

Eric Weinstein

Fair. So we do.

03:46:31:31 - 03:46:35:31

Eric Weinstein

Do this thing where in some sense you have to understand.

03:46:36:23 - 03:46:36:57

Eric Weinstein

How.

03:46:37:26 - 03:46:53:20

Eric Weinstein

How traumatized we are as a people. When I hear we aren't oppressed because we drive fancy cars, it's like my first cousin once removed, died on the train out of Kiev when the Germans invade, froze to death. My cousin is a Mengele twin who forgave.

03:46:53:20 - 03:46:53:58

Eric Weinstein

Mengele.

03:46:54:03 - 03:47:02:00

Eric Weinstein

Which is what Kanye was trying to do. He was trying to say, I'm Jesus. I can tell that Hitler deserved love and deserved admiration. And it's like.

03:47:02:25 - 03:47:04:30

Eric Weinstein

Well, look up Eva corps, right?

03:47:04:31 - 03:47:12:21

Eric Weinstein

You have this tiny, tiny Jewish person as my cousin who forgave Mingle. If there's anybody worse than Hitler, it might be Mengele.

03:47:13:22 - 03:47:15:25

Eric Weinstein
Right?

03:47:15:25 - 03:47:23:20

Eric Weinstein

Connie was in the wrong scene. He wasn't equal to the thing he was taking. It wasn't his to forgive Hitler and to celebrate Hitler.

03:47:23:20 - 03:47:27:14

Eric Weinstein

He's not Jesus. But I feel terrible about what happened to you.

03:47:27:46 - 03:47:31:46

Eric Weinstein

And I'll tell you, one of the reasons I feel terrible about it.

03:47:31:46 - 03:47:32:36

Eric Weinstein

Because all.

03:47:32:36 - 03:47:34:26

Eric Weinstein

Of us were enjoying Conyers mental.

03:47:34:26 - 03:47:37:31

Eric Weinstein

Illness, his genius comes straight.

03:47:37:31 - 03:47:38:20

Eric Weinstein

Out of his mental.

03:47:38:20 - 03:47:38:49

Eric Weinstein

Illness.

03:47:40:35 - 03:47:46:21

Eric Weinstein

And we loved because he was so unfiltered, so real. So when I see Rihanna holding him up.

03:47:46:21 - 03:47:48:25

Eric Weinstein

My feeling is, no, it's not for you to hold him up.

03:47:49:03 - 03:47:51:23

Eric Weinstein

I tried to save Connie. I didn't even say.

03:47:51:23 - 03:47:53:29

Eric Weinstein

Anything about it. Right.

03:47:54:03 - 03:48:18:05

Eric Weinstein

Connie, I think, turned on me. He stopped returning my phone calls because he felt manipulated. But the fact the matter was I wanted Connie to persist and I didn't want his comment. I love Hitler and TMZ to take him out because I thought he was a force for good. So, yes, there may be Jews that are exploiting him financially, but they're also Jews who trying to save him, as I believe Lex tried to do a million times.

03:48:18:05 - 03:48:18:28

Eric Weinstein

Yes.

03:48:18:52 - 03:48:19:44

Eric Weinstein

And it's like.

03:48:21:18 - 03:48:21:39

Eric Weinstein

Hey.

03:48:22:04 - 03:48:23:02

Eric Weinstein

We love each other.

03:48:23:02 - 03:48:27:57

Eric Weinstein

We're ultimately we're all family. And the thing that I want out.

03:48:27:57 - 03:48:37:53

Eric Weinstein

Of humor is I want our best comedians to be a level or two above where they already are. So that was my complaint about about Dave Chappelle. It wasn't the Dave Chappelle wasn't funny is funny as hell.

03:48:38:47 - 03:48:41:16

Eric Weinstein

It's like I beyond that.

03:48:42:25 - 03:48:51:57

Eric Weinstein

You should have done a routine that brought us all 100% together. And what you did was, is that you did a routine because you tried to get it at this level.

03:48:52:37 - 03:48:54:01

Eric Weinstein

My opinion of Dave Chappelle.

03:48:54:01 - 03:48:54:55

Eric Weinstein

Is that he's way up.

03:48:54:55 - 03:48:55:10

Eric Weinstein

Here.

03:48:55:53 - 03:49:24:55

Joe Rogan

Let me explain how a monologue works. There's a big difference between a monologue and a standup set. If Dave was going to do a standup set on that, okay, he would work that at multiple different clubs a night and he would do it over months. Yeah, it would be something that he would experiment one way. He would add things to it.

03:49:25:31 - 03:49:32:06

Joe Rogan

He would he would subtract the shit that he didn't like anymore. It takes time. It takes time.

03:49:32:06 - 03:49:34:58

Eric Weinstein

Well, that's what you invited me to see. Yes, Right.

03:49:35:18 - 03:49:37:28

Joe Rogan

You've seen it. So you knew and how it goes.

03:49:37:28 - 03:49:38:20

Eric Weinstein

You showed it to me.

03:49:38:20 - 03:49:40:51

Joe Rogan

Yeah, but you saw it in actual practice.

03:49:41:12 - 03:49:55:12

Eric Weinstein

100%. And I can't tell you how much more I value watching you as an intellect. Would you often run away from it? Just the comedian. I watched you look at the crowd as feedback and change your act and change your act and change your act.

03:49:55:17 - 03:49:57:05

Eric Weinstein

Until it's just saying.

03:49:57:19 - 03:50:20:16

Joe Rogan

Well, thank but you're while you're doing that, you're just you're trying to find the beats. It's a rare art form where you're practicing it in front of people. And the difference between monologue, which Dave has to prepare for in a very short amount of time versus a set like Give. You want him to have a very complex and nuanced take on a subject.

03:50:20:18 - 03:50:38:09

Joe Rogan

It's going to take time. He'll take a little time to figure out and I mean, I can only speak for myself, but my process is months like I have some bits and then they they start off great and then they die and then they come back and then they fucking keep get better. And some bits the I have to abandon them.

03:50:38:09 - 03:51:02:56

Joe Rogan

They just did not work and then not growing whatever it is. And you know until you try it in front of an audience and I try a bunch of different ways and sometimes I try and I'm like, Oh my God, what the fuck am I got myself into? And I have to pull myself out of that. But it's because there's this experimental aspect to doing the live stand up in front of these crowds and after a while and listening to us talk on podcasts, a lot of fans now know most people don't.

03:51:03:10 - 03:51:26:34

Joe Rogan

Most people have no idea what's going on, which is good because you just want them to have fun. So but there's a thing going on where you're trying to sculpt it. If he wanted to take that subject and advance it like this, Dave Chappelle, you know, Coral Belt and jujitsu level, because that's what he is like, he would figure out a way to do it, and he would have it in a way that wouldn't be objectionable.

03:51:26:34 - 03:51:42:10

Joe Rogan

And I don't I don't I didn't find it objectionable. I thought it was a hilarious take on something that was current, it was in the news, it was a thing. He was just mocking the fact that Kanye was being he was not diminishing it in any way. He was making light out of. There was a target. He hit it.

03:51:43:06 - 03:51:44:40

Joe Rogan

That's how it is like that's.

03:51:44:58 - 03:51:45:12

Eric Weinstein

Issue.

03:51:45:16 - 03:52:05:47

Eric Weinstein

What you're saying. And my response to this and that's what I say to my fellow Jews, I say, look, I don't want more. I don't want less Joe Rogan or less Dave Chappelle. I trust these people. I want more. I want to go to the uncomfortable place so that we can all actually open it up. Just like if you were doing MDMA assisted therapy right?

03:52:05:47 - 03:52:10:19

Eric Weinstein

Yeah. The idea is if you don't actually touch the thing that's uncomfortable, which is like.

03:52:10:42 - 03:52:13:58

Eric Weinstein

Why are you so fucking successful and so much more in control?

03:52:14:36 - 03:52:17:49

Eric Weinstein

It's like, I want to go through that and I trust.

03:52:17:49 - 03:52:18:57

Eric Weinstein

You guys, both of you.

03:52:19:57 - 03:52:36:27

Eric Weinstein

And there are probably a few other people that I trust to do it, but it's not many in the point being is that when other people were like quick to say, you know, this is anti-Semitic, this is uncomfortable, this is this. I had a different response, which is and I think you're teaching me, it's not the monologue that you want.

03:52:36:27 - 03:52:38:40

Eric Weinstein

You want the routine that is workshopped and perfect.

03:52:38:41 - 03:52:41:31

Joe Rogan

Yeah, the routine takes a long time.

03:52:41:33 - 03:52:57:32

Eric Weinstein

Maybe I didn't have that, but I would say the following. I believe that ultimately, and I don't want to make it the job of the comedian, but ultimately that is what it is, is teach us how to live with each other and love each other when we have these deep suspicions of each other.

03:52:57:39 - 03:52:57:52

Eric Weinstein

Right?

03:52:57:54 - 03:53:06:48

Eric Weinstein

Because we do have these deep suspicion that right now everything that our government is doing, which is holding back more and more and more information, makes us suspicious.

03:53:06:57 - 03:53:09:14

Eric Weinstein

Who's really behind this? What's really going. Right. Right.

03:53:09:52 - 03:53:20:04

Eric Weinstein

And that's this is a recipe for another Holocaust. Because if you're asking, well, who's really behind this? I guarantee you one of the answers is.

03:53:20:04 - 03:53:26:43

Eric Weinstein

Always it's those guys we are counting on you. And I just.

03:53:26:43 - 03:53:44:58

Eric Weinstein

Want you to know that and how much love we have in this way. It's a it's not an obligation to stand up for you when you come under fire. The whole and weird thing. It's like I posted one picture with my armor and like, any questions, you know, you guys are essential. It's not it's not just that it's fun to go out because it is fun.

03:53:46:03 - 03:54:01:31

Eric Weinstein

But the point is, Jon Stewart was doing a real job reporting the news when nobody could report the news in a large, large measure, comedy or MDMA, something like that is necessary for us to examine our bullshit.

03:54:02:31 - 03:54:03:00

Eric Weinstein

And.

03:54:03:37 - 03:54:09:21

Eric Weinstein

It's not a task for you. Because if I say that you're like, Dude, you're loading too much. I'm too. I know how comedians think.

03:54:09:52 - 03:54:28:27

Joe Rogan

No, it's not that. It's that you really only want to take on subjects that you find fascinating in that moment. Like when you write out ideas, it has to be genuine. It has to be a thing where you're trying to work something.

03:54:28:30 - 03:54:29:18

Eric Weinstein

Be an assignment.

03:54:29:34 - 03:54:38:57

Joe Rogan

Yeah, I don't understand a lot of anti-Semitism and I don't understand a lot of racism. I don't understand it. It doesn't make sense because it.

03:54:38:58 - 03:54:39:52

Eric Weinstein

Seems natural to.

03:54:39:52 - 03:55:03:43

Joe Rogan

You. It's all but it's also there's too many fascinating from all walks of life. Every idea that you would categorize people by what geography they're from or what color their skin is, that to me seems so ridiculous, so stupid that I don't entertain it. I know it's not a thing. That's what it says around my head. So to even to workshop it and defend it to me, it's like, Oh my God, there's so many more interesting about people.

03:55:04:06 - 03:55:24:30

Joe Rogan

What's interesting to me about people is the individual human beings take and the accumulation of all of our takes together when we to work through this thing. What is this thing that we're

experiencing together? What is this? What is culture? What is the learned history of all the human beings that ever lived before us? Like, what is the purpose of our existence here?

03:55:24:41 - 03:55:46:42

Joe Rogan

What is the the actual size of the cosmos that we're existing in? Like all these different things is finite nature of our existence. What is good about community and love and friendship? What is good about all those things? All of those things are interesting to me. But when it gets to like sexual orientation or color, it's like, who cares?

03:55:46:42 - 03:55:47:15

Joe Rogan

I don't care.

03:55:47:38 - 03:55:48:48

Eric Weinstein

What it's about. You said.

03:55:49:12 - 03:55:49:55

Eric Weinstein

There's no.

03:55:50:27 - 03:55:51:39

Eric Weinstein

I don't I didn't want to.

03:55:51:39 - 03:56:01:12

Eric Weinstein

Defend it on any particular thing. My point was I've never seen any bigotry at all because of this radical love. I'm sorry for saying, like.

03:56:02:11 - 03:56:02:45

Eric Weinstein

I know that.

03:56:02:45 - 03:56:04:21

Eric Weinstein

You love all walks of life.

03:56:04:49 - 03:56:06:14

Eric Weinstein

And you don't need.

03:56:06:14 - 03:56:08:40

Eric Weinstein

Anyone to say that. So it was almost embarrassed.

03:56:08:40 - 03:56:11:18

Eric Weinstein

To say it. But like, to me.

03:56:13:04 - 03:56:31:39

Eric Weinstein

We're in an emergency situation, whether you can feel it or not. Like if you look at there's a guy named what is it? Oh, he's figured out Leather Apron Club, which is both the name for the Junto that Benjamin Franklin established, which is something that we revere. And Leather Apron was the name for Jack the Ripper. So it's very clever.

03:56:31:39 - 03:56:41:18

Eric Weinstein

Martin Bailey Right. But he like he tracks like how many Jewish people does Joe Rogan have on his program, you know, and it's.

03:56:41:47 - 03:57:04:55

Eric Weinstein

Incredibly important that all of us were in a position to do this who don't have to necessarily worry about like our next paycheck at a company, help everyone come together because right now our government is helping us come together. We're all sort of vaguely suspicious of each other, and nobody wants the assignment, in my opinion.

03:57:05:33 - 03:57:07:03

Eric Weinstein

Of like doing work.

03:57:07:17 - 03:57:28:28

Joe Rogan

It's also a very dumb distraction to be distracted by our differences is so foolish. It's just so unnecessary. Like our differences are what empowers us. Because if it wasn't for all the different cultures that exist in the United States, it's one of the reasons why it's so fascinating here is because this is a country of immigrants. You know, with me, it's my grandparents.

03:57:28:28 - 03:57:42:25

Joe Rogan

And you with other people. They're direct descendants or they've come over here from somewhere else. Everyone here is from somewhere else. And we're all interacting with each other. And look at what's been created here. Look at the amount.

03:57:42:28 - 03:57:47:04

Eric Weinstein

And we've succeeded for the most part, after a tremendous number of missteps.

03:57:47:06 - 03:57:47:38

Joe Rogan

Yes.

03:57:47:54 - 03:57:59:20

Eric Weinstein

Right. And so partially what you and I are both intimidated by, which is like, look, we're not even done with the work, but look how far we've come. And look, we're a shining example of this is to everyone.

03:57:59:20 - 03:58:03:34

Eric Weinstein

And this is like, I wish I could.

03:58:03:48 - 03:58:08:04

Eric Weinstein

Communicate, you know, how much fear I have right now as a Jewish person.

03:58:08:20 - 03:58:11:07

Eric Weinstein

On Twitter with the well of.

03:58:11:07 - 03:58:34:13

Eric Weinstein

Hatred that I feel coming up, which has been suppressed and you want to know what I want? I want the anti-Semites to speak up. I want to hear them. I want them to have free speech. But you have two choices. In a society like this. You can either try to control what people think and what they say, or you can have a cultural penalty for saying something that is horrible.

03:58:34:57 - 03:58:42:10

Eric Weinstein

And I want us to have free speech with a cultural penalty for these things as opposed having to regulate.

03:58:42:43 - 03:58:43:04

Eric Weinstein

What you.

03:58:43:04 - 03:59:00:46

Eric Weinstein

Can and cannot say. And this issue, like I don't know, is a Daryl DAVIES, you know, these incredibly commendable, courageous people who weighed right into the belly of the beast and bring love. You know, this was the thing that I wanted for Khanya. He was trying to say something else.

03:59:00:48 - 03:59:03:21

Eric Weinstein

I don't want him destroyed. I don't want him.

03:59:03:21 - 03:59:15:18

Eric Weinstein

To continue to destroy himself where he's hanging out with Milo and Nick Fuentes and all this nonsense. He was trying to say, Jesus told us to love each other, right? And he was fucking up the message.

03:59:15:41 - 03:59:25:37

Eric Weinstein

Right? And the issue is, I don't want a Jewish black rift in the middle of America. We don't want any rifts.

03:59:25:39 - 03:59:31:58

Joe Rogan

Right? Right. Not just Jewish, but any rifts at all. And if we take it to you or your the thing that you were talking about.

03:59:31:58 - 03:59:32:12

Eric Weinstein

Sure.

03:59:33:00 - 03:59:52:58

Joe Rogan

In the beginning with the fear of what's going on right now with Russia and Ukraine, in the absence of this idea that we're supposed to be opposed to other people. Right? That people that we don't even fucking know. Right. Why would there be any conflict at all in Russia, in Ukraine? Why would there be any? Because they're.

03:59:52:59 - 03:59:53:33

Eric Weinstein

So between.

03:59:53:33 - 03:59:54:05

Joe Rogan

Us and they're.

03:59:54:05 - 03:59:55:21

Eric Weinstein

Almost the same thing.

03:59:55:21 - 03:59:58:39

Joe Rogan

What is going on? Someone is controlling people. Well, exactly.

03:59:58:39 - 04:00:00:52

Eric Weinstein

There's a name that we don't understand.

04:00:00:52 - 04:00:02:03

Eric Weinstein

And, you know, then you're.

04:00:02:04 - 04:00:06:09

Joe Rogan

Not part of it whether you like it or not. Not only so it's not only then by psychosis.

04:00:06:09 - 04:00:13:12

Eric Weinstein

And I can tell you, I have so much Ukrainian trauma because my family ran away from like pogroms.

04:00:13:24 - 04:00:13:44

Eric Weinstein

Right.

04:00:14:38 - 04:00:23:00

Eric Weinstein

Do I support Ukraine 100% because they were invaded by Russia? Hello. Do I support this at the level that I want World War three to happen?

04:00:23:06 - 04:00:23:36

Eric Weinstein

No.

04:00:23:56 - 04:00:24:55

Joe Rogan

No one should want that.

04:00:24:55 - 04:00:26:16

Eric Weinstein

No one should want that. And so.

04:00:26:16 - 04:00:28:44

Eric Weinstein

You're trying to have this complicated thing which is like.

04:00:28:58 - 04:00:29:42

Eric Weinstein

Look, there's.

04:00:29:42 - 04:00:35:15

Eric Weinstein

Serious shit in our past, but you're being hurt by a power. But we partially antagonized.

04:00:35:34 - 04:00:38:47

Eric Weinstein

I'm trying to hold. Is a lot of money involved? Oh, my.

04:00:38:47 - 04:00:40:28

Eric Weinstein

God. And not only that, a lot.

04:00:40:28 - 04:00:41:15

Joe Rogan

Of money involved.

04:00:41:15 - 04:01:01:57

Eric Weinstein

And this is this thing was the thing where I didn't understand why, since, like he says, there's nothing you can tell me about Hunter Biden. It's like Burisma. There is money that flows through Ukraine because it is a place where there are chemical labs and biological labs and there's baksheesh and payment and, all this kind of stuff. And my feeling is we're not allowed to know.

04:01:01:57 - 04:01:04:24

Eric Weinstein

We're not allowed to pull it apart. We're just supposed to say.

04:01:05:02 - 04:01:08:36

Joe Rogan

You know, So on the other side of the ideological fence, you're not even allowed examine.

04:01:08:36 - 04:01:18:45

Eric Weinstein

Right. And my feeling is crazy. This is my child. I'm on this planet. You're going to potentially create a nuclear holocaust over something where you're getting paid in a way that I'm not.

04:01:18:45 - 04:01:19:53

Eric Weinstein

And if we.

04:01:19:53 - 04:01:41:33

Eric Weinstein

Don't fundamentally figure out how to love each other and to coexist and to celebrate each other, and this is another thing about like, I'll tell you, a Jewish thing. We have this one story we repeat every year in the Passover story, which is our name for Egypt, is Mizrahim Mizrahim means the narrow places and it's literally like the birth canal.

04:01:42:46 - 04:01:48:23

Eric Weinstein

It's the second birth of the Jewish people. And right now, all of Earth is mizrahim.

04:01:48:39 - 04:01:49:24

Eric Weinstein

This is the womb.

04:01:50:22 - 04:02:11:20

Eric Weinstein

And you say like, you know somebody, not you, but somebody says, Well, the Jews considered themselves the chosen people. Do you know why we're chosen? We view ourselves as chosen not because we're the best of the is. We're responsible. We believe that we are responsible for this planet. And we unleashed we Jews, Edward Teller and Stanislav, all on both Jews.

04:02:11:51 - 04:02:36:03

Eric Weinstein

Unleash the power of the sun on the planet, which is dooming us to a very bad and and I believe that we are chosen in the sense that it is our responsibility, not our privilege, not our this, none of that, not that we're on top, but our responsibility to shepherd the birth of the human race into an interstellar species and like.

04:02:36:05 - 04:02:40:26

Eric Weinstein

Does that sound far reaching? Does that sound crazy? 100% to my ears, that sounds nuts.

04:02:41:42 - 04:02:42:48

Eric Weinstein

But ultimately.

04:02:43:39 - 04:03:01:22

Eric Weinstein

In my opinion, we feel responsible not for ourselves, not to save ourselves, but for the entire planet. And I hope that other cultures feel the same responsibility, that they feel chosen in the same way. But right. If you want to ask me, I forgo all sorts of financial opportunity because I feel like.

04:03:01:39 - 04:03:02:45

Eric Weinstein

We unleashed.

04:03:03:09 - 04:03:09:23

Eric Weinstein

Holy hell on earth. That may be a civilization ending thing. And what are we going to do about it if.

04:03:09:23 - 04:03:10:19

Eric Weinstein

We are open?

04:03:10:19 - 04:03:33:32

Eric Weinstein

We have to realize that what we unleashed to take care of Hitler and Naziism, the barbarity of Japan, like the rape of Nanking, we now have to deal with for all time. And this is like really important to us. We need shepherd civilization to safety. And if you think about the Passover story, it's a tremendous question.

04:03:33:32 - 04:03:57:50

Eric Weinstein

Why repeat this one that seems bizarre, Like you're enslaved in Egypt, you follow some crazy leader, you go through the Red Sea, you wander the desert for 40 years and you find the promised land. This is the story of where we are exactly at this minute. It's not like an old fashioned, stupid fairy tale. It's like you've been telling the story every year for a reason.

04:03:57:50 - 04:04:20:24

Eric Weinstein

Because the people who waited for the bread to rise. That's why we eat unleavened bread, died. And the people who understood early. Okay, this sounds completely crazy, but you're going to have to make a break for it through the Red Sea. Wander around in pain before actually get to safety. That is the story of right now. And this to bring it back to the UFOs.

04:04:20:56 - 04:04:24:30

Eric Weinstein

My feeling about this is I'm largely this.

04:04:24:30 - 04:04:26:58

Eric Weinstein

Program right now not.

04:04:26:58 - 04:04:42:57

Eric Weinstein

To promote a book. I don't have a patron yet. Maybe one day. Who knows There's nothing I'm promoting other than the fact that right now we are in so much mortal danger as a human species. Think about everything that you love, whether it's drowning my own tears or Box B minor mass, or the works of.

04:04:42:57 - 04:04:46:46

Eric Weinstein

Shakespeare, write forever and.

04:04:47:16 - 04:04:48:27

Joe Rogan

Back to the Stone Age.

04:04:48:27 - 04:04:51:52

Eric Weinstein

I refuse. And this is what I've.

04:04:51:52 - 04:04:53:22

Eric Weinstein

I've had such a hard time.

04:04:53:22 - 04:04:55:06

Eric Weinstein

It's like. Well, you're you're so arrogant.

04:04:55:06 - 04:05:18:59

Eric Weinstein

You're so you're insane. You're crazy. It's like, No, I know what time it is. And I love you. I love all you people. We're getting out of here and we're going to do it, and we're not going to embrace any of this kind of stupid division. It's now time. It's like this is Shackleton's story. Shackleton stepped up when any normal human being would say, Look, take whatever resources you have and have a good time because you're done.

04:05:19:49 - 04:05:20:36

Eric Weinstein

Like, no.

04:05:21:07 - 04:05:22:01

Eric Weinstein

You know, we're down.

04:05:22:26 - 04:05:24:09

Eric Weinstein

It's the ninth inning.

04:05:24:09 - 04:05:32:53

Eric Weinstein

This is a bad situation. This is the time that legends are made and we're sitting around worried about like, Can I get the Tesla with Gullwing doors?

04:05:32:53 - 04:05:34:48

Eric Weinstein

It's like fuck that shit.

04:05:36:00 - 04:05:57:01

Eric Weinstein

Now is the time for legends.

And whether you know that that this is the time or not, we have to come together. And that's one of the reasons that like that. I wanted you to understand how much I appreciated what you've done for underprivileged groups people who are hurting. People don't really understand how big your heart is because you hide it.

04:05:57:54 - 04:06:10:01

Eric Weinstein

And that's one of the things I wanted for the Jewish people and I wanted from you, which is like more Chappelle, more Joe Rogan, more humor, more love. Let's get through this thing. Let's stop blaming each other.

04:06:10:21 - 04:06:14:56

Joe Rogan

Let's stop blaming each other and let's go again, wrap this up. We're like four.

04:06:14:56 - 04:06:15:19

Eric Weinstein

Hours.

04:06:16:03 - 04:06:29:56

Joe Rogan

Dude, we've been rambling. You've been rambling. You've been saying some brilliant things, though, and I appreciate you very much and appreciate you coming on here always. And I don't

think we got any closer to understanding what the fuck UFOs are, but I understand more of it.
Thank you.

04:06:30:18 - 04:06:46:57

Eric Weinstein

Amen brother

Joe Rogan

Appreciate you very much

Eric Weinstein

Appreciate it

Joe Rogan

Good bye, everybody.