

Project Topic or Idea (add suggestions below)	Type of project	URL	IRB approval required	Time Frame to Complete	Product	Status	Leader	Collaborators	Add your name if interested, send email to AllergyGoAway@gmail	Resources
What are Recommended Digital Health Applications (DIGA) and Therapeutics in the Field of Allergy/Immunology?	online		No	2 mo	2024 abstract for ACAAI or AAAAI	ongoing	Dimov			https://docs.google.com/document/d/1F3mNgDqM9hr50G/
Public perception of one allergic condition - which one? AR, Asthma, FA?			No	6 mo		planning, find validated questionnaire		Dimov		ACTION: public perception of obesity, 3 questionnaires - employee, physicians, patients.
Pineapple-related adverse food reactions in a retrospective chart review	Restrospective review, case series	https://docs.google.com/document/d/1F3mNgDqM9hr50G/	Yes, done	1 mo	2021 abstract - done, Planned case series for JACI or Annals	Presented as an abstract, waiting for publication	Dimov	Dr Mahapatra		
Available tests for mold-produced mycotoxins in the USA and their clinical relevance to the practice of allergy/immunology	Review	https://docs.google.com/document/d/1F3mNgDqM9hr50G/	No	1 mo	2018 ACAAI/abstract published in Annals, Planned: Annals letter	Letter to editor of JACI, JACI-IP, Annals. Informed consent needed from pt as per JACI IP guidelines. Curreus is an option	Perez, Dimov, Lewjain Sakr, Shayan			
Untersins anaphylaxis due to SCIT - a case series, 4 cases	Case series	https://docs.google.com/document/d/1F3mNgDqM9hr50G/	Yes, completed	1-3 months	Annals. Informed consent needed from pt as per JACI IP guidelines. Curreus is an option	Planned: letter for JACI-IP	Malika, Dimov	Eidelman, Shayan		
Copper allergy with ParaGuard Copper LID	Case report		No		Informed consent needed from pt as per JACI IP guidelines. Curreus is an option		Malika			
Cholinergic urticaria, triggered by organ as per Gyn	Case report		No		Informed consent needed from pt as per JACI IP guidelines. Curreus is an option		Malika			
Pork cat syndrome	Case report		No		Not for Annals unless PI		Malika			https://www.jacionline.org/article/S0091-6749(12)02645-0/
PEG positive test and COVID vaccine reaction	Case report		No				Malika			
Red Tide on Google Trends and Twitter: respiratory symptoms related to algae bloom ("red tide") in Florida	Online Project, Google trends		No			red tide, shortness of breath, N				
A content analysis of peanut OIT discussions on social media: Using Twitter and Reddit to understand patterns and perceptions of peanut OIT use	Online Project	https://docs.google.com/document/d/1F3mNgDqM9hr50G/	No	1 mo	ACAAI poster and case report for Annals	early draft, pending Dr E info	Dimov	Dimov, Eidelman, Dimov		https://www.ncbi.nlm.nih.gov/pubmed/30472676 https://www.ncbi.nlm.nih.gov/pubmed/30466105 https://www.ncbi.nlm.nih.gov/pubmed/30458469
Fixed drug eruption after influenza vaccine	Case report	https://docs.google.com/document/d/1F3mNgDqM9hr50G/	No	1 mo			Lewjain Sakr			
What do patients with asthma want to know? Google Trends insights into U.S. general population interest can help structure patient education initiatives	Online Project	https://goo.gl/fucd3	No	3 mo	AAAAI Poster https://www.jaci-inpractice.org/ https://www.annallergy.org/	ongoing	Dimov	Mina, George		
There is an App for That: Multiplatform Apps for Allergic Rhinitis Patient Education	Online Project	https://docs.google.com/document/d/1F3mNgDqM9hr50G/	No	1-2 months	AAAAI Poster https://www.jaci-inpractice.org/ https://www.annallergy.org/	ongoing	Dimov			
Educational content and the use of social media at US departments of allergy/immunology	Online Project	https://docs.google.com/document/d/1F3mNgDqM9hr50G/	No	1 mo	AAAAI Poster https://www.jaci-inpractice.org/ https://www.annallergy.org/	ongoing	Dimov	Mina, George		Educational content and the use of social media at US departments of surgery; primarily utilized for promotional content http://bit.ly/2B4X2Rd
H. pylori infection in chronic urticaria - incidence and results of treatment. "Investigating the etiology of chronic urticaria and the role of H. pylori, vitamin D, anti-IgE receptor antibodies and relevant laboratory parameters	Retrospective study		Yes	2 mo	2024 AAAAI	data collected	Dimov			
Etiology of chronic urticaria and the role of vitamin D, anti-IgE receptor antibodies "	Retrospective chart review		Yes	6 mo	AAAAI Poster, Peer reviewed journal			Dimov		http://buff.ly/1oldeu1
Hydroxychloroquine for chronic urticaria	Case report		No	1-2 mo	AAAAI poster, journal case report - JACI-IP, Annals https://www.jaci-inpractice.org/content/authorinfo#dip1385680 https://www.annallergy.org/content/authorinfo	submitted to 2023 AAAAI	Dr Heydari	Dimov		
2 synchronous gastric CA's, 1 carcinoid, recurrence suspected when urticaria appeared. Elevated S-HIAA initially in urine but attributed to diet, recheck normal, no recurrence of CA. teaching point: diet can cause falsely elevated S-HIAA.	Prospective study		Yes	3 months	AAAA/ACAAI Poster, Peer reviewed Journal		Dimov	Eidelman, Daim, Syeda, Mina, George	Lewjain Sakr	
Rate of acceptance of pneumococcal vaccine in patient with asthma seen at AIJ clinic. CDC recommends that all adults with asthma receive a pneumococcal vaccine.	Retrospective review	https://docs.google.com/document/d/1F3mNgDqM9hr50G/	Yes	2 mo			Dimov			
Brain fog in allergy			Yes				Dimov			
Kussmaul's disease - atopic parotitis	Case report		No	2 mo		Pending MRI	Lewjain Sakr	Perez, Dimov		https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5393950/ https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5079326/
Correlation of visual contrast sensitivity with mycotoxin levels in patient with self-reported mold sensitivity	Prospective study		Yes	6-12 mo	Poster, peer reviewed journal			Perez		https://www.cdc.gov/niosh/hhe/reports/pdfs/2005-0135-311
EoE patients in allergy clinic and GI clinic	Case series		Yes	1-2 mo	Abstract, article	planning data collection, CM applied for Twitter developer API, apply for Sympplr hashtag; https://www.sympplr.com/submit-hashtag/	Dimov	Sikandar Khan		http://www.jmir.org/2014/5/e137 http://bit.ly/1x0mVFA Steps: 1. Twitter API search for both asthma and #asthma, 2. feed data in Cytoscape, 3. Consider Sympplr for #asthma and S Signals
Do Asthma Patients Tweet? Analyzing Twitter Use of Patients with Asthma Offers Insight into Their Questions, Concerns and Needs	Online Project	https://goo.gl/cuGd1	No	1-2 months	AAAAI Poster https://www.jaci-inpractice.org/ https://www.annallergy.org/		Cristian	Dimov, Shayan	Raj	
Public perception of one allergic condition - which one? AR, Asthma, FA?	Online Project		No	6 mo		planning, find validated questionnaire	Cristian	Dimov		ACTION: public perception of obesity, 3 questionnaires - employee, physicians, patients.
Survey of use of Internet, applications, and social media in the professional life of allergy fellows	Online Project		No	6 mo		planned	Cristian	Dimov		

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Hand dem in a surgeon, three-pronged approach	Case report		No		2019 ACAAI, submitted	done, final review by Dr Edelman	Shayan	Dimov	AllergyGoAway@gmail			
Adenoid hypertrophy in adults - case series	Case series			1-2 mo	2018 AAAAI poster, Clinical Communication in JACI in Practice: http://www.jaci-inpractice.org/content/authorinfo/doi/10.1016/j.jaci.2018.09.012	done	Shayan	Dimov				
Twitter use for public education on PIDD, CRS, CAP	Online Project		No		2018 Peer reviewed Journal	completed, ready for manuscript writing	Shayan	Dimov, Edelman				
Incidence of insufficient response to pneumococcal immunizations and selective antibody deficiency with normal immunoglobulins (SADN) among patients with chronic sinusitis and recurrent otitis media	retrospective review		Yes	2 mo	Meeting abstract, article for JACI or Annals		A Lugo	Dimov	Giovana Jaen	http://goo.gl/swcdn http://www.jacionline.org/article/S0091-6749(10)02000-2/fulltext		
Who are the top allergists on Twitter and what can we learn from them?								Dimov				
September and May Epidemics of Asthma Exacerbations in Kids in North America - 80% are due to rhinovirus. Prove surge in online searches via Google Trends, make the case for front page education info in state soc, AAAAI, ACAAI, allergy office, TV/radio appearances	Online Project		No	July 1, 2018	2018 AAAAI poster, Clinical Communication in JACI in Practice: http://www.jaci-inpractice.org/content/authorinfo/doi/10.1016/j.jaci.2018.09.012	planned		Dimov	Giovana Jaen	https://twitter.com/MathewBowdish/status/956232214806		
Digital Footprint of Allergists	Online Project		No	July 1, 2018	2018 AAAAI poster, Peer reviewed Journal	planned		Dimov		http://www.symplur.com/healthcare-hashtags/saveallergysots/		
Who Are the Most Influential Allergists on Twitter?	Online Project		No	July 1, 2018	2018 AAAAI poster, Peer reviewed Journal	planned		Dimov		Digital Footprint of Neurological Surgeons: surgeons lacked controllable online presence within their first page of Google search results http://bit.ly/2aa5QgS Who Are the Most Influential Emergency Physicians on Twitter? http://bit.ly/2qa8BkQ Effective use of Twitter and Facebook in pathology practice. - PubMed - NCBI http://bit.ly/2D8pVOG		
Effective use of Twitter and Facebook in allergy practice - review article	Online Project		No	12/2018		planned		Dimov				
Examining Public Perceptions on Allergy Topics: Analysis of Twitter Response	Online Project		No	09/2018		planned		Dimov		http://bit.ly/2GD2aH7		
Save Immunotherapy in US - Influence of Twitter hashtag #saveallergysots	Online Project		No	2 mo	AAAAI poster	planned		Dimov - will write plan		http://www.symplur.com/healthcare-hashtags/saveallergysots/		
Compare #SaveAllergyShots vs #EpiGate	Online Project		No	2 mo				Dimov		https://docs.google.com/document/d/1BNu8I1hd5bhsPSLhuAYJhNA7wIOPIH_xbMy3IRbY/edit Symplur, NY: http://buff.ly/2cci455 Hypothesis: pt-driven SoMe campaigns achieve results vs. physician/pt-support orgs-driven campaigns		
Patient-based Online Allergy Practice Searches: Are Facebook, Google and Yelp Good Enough?			No			completed, ready for manuscript writing		Dimov	Nisha, Raj	http://buff.ly/10mSLae http://content.healthaffairs.org/content/35/4/697.abstract		
Twitter: an opportunity for public health campaigns: asthma, food allergy, etc.	Online Project		No		AAAAI Poster	completed, ready for manuscript writing		Dimov	Mosaab and Adam	http://buff.ly/VVgDeT http://bit.ly/1xXmvFA http://www.biomedcentral.com/1741-7015/13/68 http://www.jaci-inpractice.org/article/S2213-2198(15)00315-3/abstract		
Review of apps for asthma	Online Project		No	1-2 mo	AAAAI Poster, Journal			Dimov	Kruti Yagnik			
The role of a "rash selfie" and self-coloring book in allergy clinic evaluation of rashes	Case series		Yes		ACAAI poster			Dimov, Edelman	How to evaluate this approach?			
Large eso diverticulum on CT as explanation for chronic cough	Case report		No		ACAAI or AAAAI poster			Dimov	Kevin Lorenz			
Large hiatal hernia as the reason for chronic cough	Case report		No		ACAAI or AAAAI poster			Dimov	Ana Graneiro			
Positive serology for several parasites and eosinophilia - Toxocara, Strongyloides, Filariasis	Case report		No		ACAAI or AAAAI poster	planned		Dimov	Matthew Wall			
Update- Twitter use by Allergists	Online Project		No	2-3 months	ACAAI Poster, Peer reviewed Journal			Dimov	Ivancevich, Perkins	http://cran.r-project.org/web/packages/twiterR/index.html		
Twitter: an opportunity for public health campaigns: asthma, food allergy, etc.	Online Project		No	1-2 month	AAAAI Poster, Peer reviewed journal			Dimov		http://buff.ly/U7dgS		
Wikipedia Emerges as Trusted Internet Source for AI Information	Online Project		No	2-3 months	AAAAI Poster, Peer reviewed journal			Dimov		http://buff.ly/1DterG5		
Evaluate the content of Twitter conversations (tweets) labeled #asthma #allergy #foodallergy	Online Project		No	1-2 month	AAAAI Poster			Dimov	Ivancevich, Perkins	http://www.ncbi.nlm.nih.gov/pubmed/24832138 http://bit.ly/1xXmvFA		
Urlicia, CU and toxoplasma infection	case report		No	1-2 month	ACAAI poster			Dimov	Matthew Wall			
Research project - Educational app for asthma	Prospective trial		Yes	3-6 months	Meeting abstract, article for JACI or Annals			Dimov	Cristian	http://buff.ly/1f6hgQ		https://www.ncbi.nlm
Do asthma patients tweet? Examining the Twitter Use of Asthma Patients	Online study		No					Dimov	Ivancevich, md.milac@gmail.com	http://buff.ly/1pCFK6a		
Study involving residents/medical students			Yes	3-6 months	Published Study			Dimov		http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3242206/		
Transfer of food allergens through sports game objects			Yes	3-6 months	Published Study			Dimov				
Change in allergy-related search terms	Online project		No	3-6 months		completed, ready for manuscript writing		Dimov	Sofja	ACAAI abstract		
IPad use for AI patient education in AI clinic	Survey, completed			3-6 months	Published article in Journal of Graduate Medical Education or Academic Medicine			Dimov		ACAAI abstract		
Quality Improvement Project. Education for residents on allergy	Survey, educational intervention, re-survey		Yes	3-6 months	Poster/Abstract			Dimov	Rajagopalan			
Chocolate Allergy Linked to Cockroaches: review skin test results, if positive, call to ask patients if they have symptoms with chocolate	Chart review with prospective follow-up interview		Yes	3-6 months	Poster, peer reviewed journal			Dimov	Alison Kohn	http://abcnews.go.com/blogs/lifestyle/2012/03/bugging-out/		
Review of websites for allergy info: often inaccurate, personal blogs the worst source of misinformation	Online		No	1-2 months				Dimov		Review of websites for SIDS info: often inaccurate reut. rs/P2PTCp		
Utility of a AI interest group blog	Online		No	3 months	Poster, peer reviewed journal			Dimov	Matthew Wall	List of some FA blogs: http://fablogcon.com/speakers-2014/ http://buff.ly/1aQvWLa		
Has incidence of nasal septal perforation increased with INS OTC sprays?	Retrospective study		Yes	3-6 mo	AAAAI poster			Dimov	Mukesh Kumar S			
Meat allergy in a septagenarian. Possible variant of mammalian meat allergy syndrome	Case report	https://docs.google	No	1-2 mo	AAAAI poster	planning		Eidelman	Adrian Lugo - Alugo4@gmail.com	Adrian - https://www.sciencedirect.com/science/article/pii/S2213219818304495?via=ih.J30Ih4b		
Decreasing likelihood of adverse complications by controlling asthma in pregnant patients	Cohort Study			2-3 years	AAAAI poster or published study					https://www.aafa.org/asthma-during-pregnancy/ https://www.aaaai.org/conditions-and-treatments/library/asthma-library/asthma-and-pregnancy		
Successful treatment of eosegenic pruritis with omalizumab	Case report or Cohort study							Lewjain Sakr				