Article work list - Physics

Select name to jump to suggestions and sources for:	Enter name or username to RESERVE an article. Remove name when done.
Ruth R. Benerito	
Katharine Burr Blodgett	
Caroline Herzenberg	
Carolyn Beatrice Parker	
Katharine Way	
Leona Woods	
Rosalyn Sussman Yalow	
Mária Telkes	**Mmc73**

Did you complete any of the tasks below? If so, please write DONE next to each completed task to avoid redundancies.

Ruth Benerito

Edits: Add sources and citations
Follow naming conventions
Add wiki-links to educational institutions

Expand lead: explain cross-linking simply, mention her role in reviving the US cotton industry post-WWII, her other scientific innovations and their impacts, her position at the USDA, and key honors and awards.

- "Ruth Rogan Benerito". *Association for Women in Science (AWIS)*. https://awis.org/historical-women/ruth-rogan-benerito/
- Nelson, Valerie J. (October 13, 2013). "Ruth Benerito dies at 97; chemist credited with wrinkle-free cotton". *Los Angeles Times*. https://www.latimes.com/local/la-me-ruth-benerito-20131013-story.html
- "Saving the U.S. Cotton Industry". *Agricultural Research Magazine*. USDA Agricultural Research Service. February 2009. https://agresearchmag.ars.usda.gov/ar/archive/2009/feb/cotton0209.pdf
- Martin, Douglas (October 7, 2013). "Ruth Benerito, Chemist of Permanent Press Renown, Dies at 97". *The New York Times*. https://www.nytimes.com/2013/10/08/business/ruth-benerito-cotton-chemist-of-permanent-press-renown-dies-at-97.html?hp&_r=0

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- "Ruth Benerito". *Visionlearning: Scientists and Research*. *https://www.visionlearning.com/en/library/Scientists-and-Research/58/Ruth-Benerito/205/*
- Charlton, Karen Mazurkewich (1999). *Notable Women Scientists*. New York: Facts on File. p. 38. ISBN 9780816037976. https://archive.org/details/notablewomenscie00pame/page/38/mode/2up?q=Benerito

Merge and Reorganize Sections: Combine “personal life” and “education” sections into Early life and education section and remove unnecessary details, create career and research section and merge (and expand on) career information in current education and contributions sections in chronological subsections: (i.e. Early career and initial research, Development of wrinkle-free and resistant fabrics, Additional innovations, Academic roles and retirement), rename “awards” section “awards and honors”)

- "Saving the U.S. Cotton Industry". *Agricultural Research Magazine*. USDA Agricultural Research Service. February 2009. https://agresearchmag.ars.usda.gov/ar/archive/2009/feb/cotton0209.pdf
- Martin, Douglas (October 7, 2013). "Ruth Benerito, Chemist of Permanent Press Renown, Dies at 97". *The New York Times*. https://www.nytimes.com/2013/10/08/business/ruth-benerito-cotton-chemist-of-permanent-press-renown-dies-at-97.html?hp&_r=0
- Nelson, Valerie J. (October 13, 2013). "Ruth Benerito dies at 97; chemist credited with wrinkle-free cotton". *Los Angeles Times*. https://www.latimes.com/local/la-me-ruth-benerito-20131013-story.html

Add new sections: personal life, selected patents and publications

- Martin, Douglas (October 7, 2013). "Ruth Benerito, Chemist of Permanent Press Renown, Dies at 97". *The New York Times*. https://www.nytimes.com/2013/10/08/business/ruth-benerito-cotton-chemist-of-permanent-press-renown-dies-at-97.html?hp&_r=0
- Nelson, Valerie J. (October 13, 2013). "Ruth Benerito dies at 97; chemist credited with wrinkle-free cotton". *Los Angeles Times*. https://www.latimes.com/local/la-me-ruth-benerito-20131013-story.html

Add details: briefly describe the impact of the Great Depression on her graduate studies and career, summarize focus of her PhD dissertation in one simple sentence, add year she married Frank Benerito, note gender context (rare for woman to get phd in hard sciences and go into textile science), clarify timeline and details about her early teaching roles (and simultaneously pursuit of her Master’s and PhD), stopped teaching in 1997, her and husband’s death details, update awards/honors list, add key patents and publications to new section

- Martin, Douglas (October 7, 2013). "Ruth Benerito, Chemist of Permanent Press Renown, Dies at 97". *The New York Times*. https://www.nytimes.com/2013/10/08/business/ruth-benerito-cotton-chemist-of-permanent-press-renown-dies-at-97.html?hp&_r=0

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- Nelson, Valerie J. (October 13, 2013). "Ruth Benerito dies at 97; chemist credited with wrinkle-free cotton". *Los Angeles Times*. https://www.latimes.com/local/la-me-ruth-benerito-20131013-story.html
- "Ruth Benerito". *Visionlearning: Scientists and Research*. *https://www.visionlearning.com/en/library/Scientists-and-Research/58/Ruth-Benerito/205/*

Enhance wrinkle-resistant cotton research: provide brief historical context: rise of synthetic fabrics, decline of cotton, and prior unsuccessful attempts at wrinkle-resistance; clarify her role: she wasn't the sole inventor, she led USDA research into new processes that improved durability, clarify cross-linking explanation by breaking into steps or using an analogy, add she was awarded 1969 U.S. Patent No. 3,432,252 ("Method for Producing Resilient Cotton Fabrics through Partial Esterification") but correct inaccuracy: "Benerito is most famous for her work relating to the use of mono-basic acid chlorides in the production of cotton, with which she had 55 patents," which incorrectly implies all 55 were for acid chlorides, note that she later refined the process into permanent press, explain broader impacts of chemical processes she developed (her processes enabled fabrics that were wrinkle-, stain-, and flame-resistant, with wider applications in medical dressings, military uniforms, and durable textiles, reduced the need for ironing and made clothing/household textiles easier to maintain (a transformative change in daily domestic life), helped to revive cotton industry.

- "Saving the U.S. Cotton Industry". *Agricultural Research Magazine*. USDA Agricultural Research Service. February 2009. https://agresearchmag.ars.usda.gov/ar/archive/2009/feb/cotton0209.pdf
- Martin, Douglas (October 7, 2013). "Ruth Benerito, Chemist of Permanent Press Renown, Dies at 97". *The New York Times*. https://www.nytimes.com/2013/10/08/business/ruth-benerito-cotton-chemist-of-permanent-press-renown-dies-at-97.html?hp&_r=0
- "Ruth Benerito: Chemist who helped create wrinkle-free cotton". *The Independent*. October 13, 2013. https://www.independent.co.uk/news/obituaries/ruth-benerito-chemist-who-helped-create-wrinklefree-cotton-8890245.html
- Charlton, Karen Mazurkewich (1999). *Notable Women Scientists*. New York: Facts on File. p. 38. ISBN 9780816037976. https://archive.org/details/notablewomenscie00pame/page/38/mode/2up?q=Benerito
- "Ruth Benerito". *Lemelson Center for the Study of Invention and Innovation – Smithsonian Institution*. *https://lemelson.mit.edu/resources/ruth-benerito*
- Nelson, Valerie J. (October 13, 2013). "Ruth Benerito dies at 97; chemist credited with wrinkle-free cotton". *Los Angeles Times*. https://www.latimes.com/local/la-me-ruth-benerito-20131013-story.html
- "Ruth Benerito". *Visionlearning: Scientists and Research*. *https://www.visionlearning.com/en/library/Scientists-and-Research/58/Ruth-Benerito/205/*
- Benerito, R. R. (1966). "A New Theory of Resiliency in Cotton". *Textile Research Journal*. 36 (3): 209–214. doi:10.1177/004051756603600309. https://journals.sagepub.com/doi/abs/10.1177/004051756603600309

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Expand on her later innovations including: development of radiofrequency cold plasmas for non-toxic cotton cleaning/dyeing (replaced traditional mercerization thereby reducing environmental hazards and adopted by textile industry in Japan), invented/patented processes for creating and etching glassy polymeric cellulosic materials with broad applications for lab equipment, wood, and paper industries, note she had over 55 patents and more than 200 publications by retirement

- "Ruth Benerito". *National Inventors Hall of Fame*. *https://www.invent.org/inductees/ruth-benerito*
- Charlton, Karen Mazurkewich (1999). *Notable Women Scientists*. New York: Facts on File. p. 38. ISBN 9780816037976. https://archive.org/details/notablewomenscie00pame/page/38/mode/2up?q=Benerito
- "Dr. Ruth Rogan Benerito". *Tulane University – Newcomb College Women's Exhibit*. *https://exhibits.tulane.edu/exhibit/tulanewomen/academicwomen/dr-ruth-rogan-benerito/*
- "Ruth Benerito". *Lemelson Center for the Study of Invention and Innovation – Smithsonian Institution*. *https://lemelson.mit.edu/resources/ruth-benerito*
- Nelson, Valerie J. (October 13, 2013). "Ruth Benerito dies at 97; chemist credited with wrinkle-free cotton". *Los Angeles Times*. https://www.latimes.com/local/la-me-ruth-benerito-20131013-story.html
- "Ruth Benerito". *Visionlearning: Scientists and Research*. *https://www.visionlearning.com/en/library/Scientists-and-Research/58/Ruth-Benerito/205/*
- "Ruth R. Benerito Inventions, Patents and Patent Applications". *Justia Patents*. https://patents.justia.com/inventor/ruth-r-benerito
- "AAAS Council Meeting, 1986" (August 1, 1986). *AAAS* News. https://www.science.org/doi/pdf/10.1126/science.233.4763.575

Sources:

- "Saving the U.S. Cotton Industry". *Agricultural Research Magazine*. USDA Agricultural Research Service. February 2009. https://agresearchmag.ars.usda.gov/ar/archive/2009/feb/cotton0209.pdf
- Martin, Douglas (October 7, 2013). "Ruth Benerito, Chemist of Permanent Press Renown, Dies at 97". *The New York Times*. https://www.nytimes.com/2013/10/08/business/ruth-benerito-cotton-chemist-of-permanent-press-renown-dies-at-97.html?hp&_r=0
- Baum, Rudy (February 17, 2014). "Ruth R. Benerito". *Chemical & Engineering News*. American Chemical Society. 92 (7). https://cen.acs.org/articles/92/i7/Ruth-R-Benerito.html
- "Ruth Benerito: Chemist who helped create wrinkle-free cotton". *The Independent*. October 13, 2013. https://www.independent.co.uk/news/obituaries/ruth-benerito-chemist-who-helped-create-wrinklefree-cotton-8890245.html
- "Ruth Benerito". *National Inventors Hall of Fame*. *https://www.invent.org/inductees/ruth-benerito*

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- Charlton, Karen Mazurkewich (1999). *Notable Women Scientists*. New York: Facts on File. p. 38. ISBN 9780816037976. https://archive.org/details/notablewomenscie00pame/page/38/mode/2up?q=Benerito
- "Ruth Benerito". *Science History Institute*. December 2017. *https://www.sciencehistory.org/education/scientific-biographies/ruth-benerito/*
- "Dr. Ruth Rogan Benerito". *Tulane University – Newcomb College Women's Exhibit*. *https://exhibits.tulane.edu/exhibit/tulanewomen/academicwomen/dr-ruth-rogan-benerito/*
- "Ruth Rogan Benerito". *Association for Women in Science (AWIS)*. https://awis.org/historical-women/ruth-rogan-benerito/
- "Ruth Benerito". *Lemelson Center for the Study of Invention and Innovation – Smithsonian Institution*. *https://lemelson.mit.edu/resources/ruth-benerito*
- "Ruth Rogan Benerito". *Newcomb Alumnae Association – Tulane University*. *https://newcombalumnae.tulane.edu/node/3241*
- "Ruth Benerito". *Lemelson-MIT Prize Winners*. Massachusetts Institute of Technology. https://lemelson.mit.edu/award-winners/ruth-benerito
- Nelson, Valerie J. (October 13, 2013). "Ruth Benerito dies at 97; chemist credited with wrinkle-free cotton". *Los Angeles Times*. https://www.latimes.com/local/la-me-ruth-benerito-20131013-story.html
- "Ruth Benerito". *Visionlearning: Scientists and Research*. *https://www.visionlearning.com/en/library/Scientists-and-Research/58/Ruth-Benerito/205/*
- "Ruth R. Benerito Inventions, Patents and Patent Applications". *Justia Patents*. https://patents.justia.com/inventor/ruth-r-benerito
- Benerito, R. R. (1966). "A New Theory of Resiliency in Cotton". *Textile Research Journal*. 36 (3): 209–214. doi:10.1177/004051756603600309. https://journals.sagepub.com/doi/abs/10.1177/004051756603600309
- "AAAS Council Meeting, 1986" (August 1, 1986). *AAAS* News. https://www.science.org/doi/pdf/10.1126/science.233.4763.575

Katharine Burr Blodgett

Edits: Add sources and citations

Expand Lead section: add significance and applications of invisible glass invention, her development of the Langmuir–Blodgett technique (include brief description of what it is and why it matters), her role as first female scientist at GE, holder of 8 patents, key awards/honors, and scientific legacy

- Roberts, Jacob (2014). "The Invisible Woman". *Science History Institute Magazine*. https://www.sciencehistory.org/stories/magazine/the-invisible-woman/
- Lost Women of Science (2026). "Layers of Brilliance". *Podcast episode*. https://www.lostwomenofscience.org/podcast-episodes/layers-of-brilliance---episode-one-the-chemical-genius-of-katharine-burr-blodgett#transcript
- "Katharine Burr Blodgett". *Edison Tech Center*. https://edisontechcenter.org/Blodgett.html
- "Irving Langmuir and Katharine Burr Blodgett". *Science History Institute: Scientific Biographies*.

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https://www.sciencehistory.org/education/scientific-biographies/irving-langmuir-and-katharine-burr-blodgett/

- "The Invisible Glass Legacy of Katharine Burr Blodgett". *University of Cambridge, Department of Physics.* https://www.phy.cam.ac.uk/news/the-invisible-glass-legacy-of-katharine-burr-blodgett/
- "Women's History Month 2020: Women Scientists Shaping Energy". *U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy*. March 2020. https://www.energy.gov/eere/articles/womens-history-month-2020-women-scientists-shaping-energy
- *"Katharine Burr Blodgett Award"*, Society of Chemical Industry: *Awards & Recognition – Honours* (est. 2020) https://www.soci.org/awards/honours/katharine-burr-blodgett-award
- *"Gas-mask research"*, in University of Chicago Laboratory Gazette, accessed via Capub Library, "*mvol-0002-0011-0008*" (University of Chicago Library). https://campub.lib.uchicago.edu/view/?docId=mvol-0002-0011-0008#page/20/mode/1up/search/gas
- *"Katharine Burr Blodgett Award"*, Royal Society of Chemistry (RSC), *Colloid & Interface Science Interest Group Prizes* https://www.rsc.org/standards-and-recognition/prizes/interest-group-prizes/katharine-burr-blodgett-award
- *"Katharine Burr Blodgett Medal and Prize recipients"*, Institute of Physics (IOP): Gold Medals and Prizes https://www.iop.org/about/awards/gold-medals/katharine-burr-blodgett-medal-and-prize-recipients

Merge early life and education sections and add missing details: graduated from high school at 15, add extracurricular activities at Bryn Mawr, graduated second in her class from Bryn Mawr, specify she received her bachelor's degree in chemistry in 1917, detail master's research (worked at Ryerson Physical Laboratory, research aimed to improve the efficacy of gas masks used during the two World Wars, performed in cooperation with the government's Chemical Warfare Service, research published post-censorship in 1919), specify she received her master's in physics in 1918, highlight her doctoral thesis "A method of measuring the mean free path of electrons in ionized mercury vapor" and research contributions at Cavendish Laboratory (made significant breakthroughs in smoke screening technologies, making the vaporization of oil more efficient—a critical innovation that would make smoke screening more effective during World War II)

- Lost Women of Science (2026). "Layers of Brilliance". *Podcast episode*. https://www.lostwomenofscience.org/podcast-episodes/layers-of-brilliance---episode-one-the-chemical-genius-of-katharine-burr-blodgett#transcript
- Schott, Margaret (2019). "The Remarkable Life and Work of Katharine Burr Blodgett (1898–1979)". *ACS Axial: Physical Chemistry*. American Chemical Society. https://axial.acs.org/physical-chemistry/the-remarkable-life-and-work-of-katharine-burr-blodgett-1898-1979

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- "The Invisible Glass Legacy of Katharine Burr Blodgett". *University of Cambridge, Department of Physics.* https://www.phy.cam.ac.uk/news/the-invisible-glass-legacy-of-katharine-burr-blodgett/
- Bridges, Elizabeth (2024). "The Women Behind the Science: Katharine Burr Blodgett". *ISIS Neutron and Muon Source*. https://www.isis.stfc.ac.uk/Pages/The-women-behind-the-science-Katharine-Burr-Blodgett--.aspx

Enhance Work at GE section: Explain scientific jargon with simple definitions and analogies, clarify the chronological progression of her research by highlighting key innovations and their significance, emphasize the significance of her 1938 non-reflective glass invention (her most famous achievement) by highlighting specific techniques and applications (i.e. use in 1939 Gone With the Wind for clearer cinematography, military applications, later applied to consumer products like eyeglasses), describe research contributions during World War II, note 1963 retirement

- Roberts, Jacob (2014). "The Invisible Woman". *Science History Institute Magazine*. https://www.sciencehistory.org/stories/magazine/the-invisible-woman/
- "Katharine Burr Blodgett". *Edison Tech Center*. https://edisontechcenter.org/Blodgett.html
- "Irving Langmuir and Katharine Burr Blodgett". *Science History Institute: Scientific Biographies*. https://www.sciencehistory.org/education/scientific-biographies/irving-langmuir-and-katharine-burr-blodgett/
- "The Invisible Glass Legacy of Katharine Burr Blodgett". *University of Cambridge, Department of Physics.* https://www.phy.cam.ac.uk/news/the-invisible-glass-legacy-of-katharine-burr-blodgett/
- Bridges, Elizabeth (2024). "The Women Behind the Science: Katharine Burr Blodgett". *ISIS Neutron and Muon Source*. https://www.isis.stfc.ac.uk/Pages/The-women-behind-the-science-Katharine-Burr-Blodgett--.aspx
- "Katharine Burr Blodgett". *EBSCO Research Starters: History*. https://www.ebsco.com/research-starters/history/katharine-burr-blodgett
- "This Month in Physics History: March 1939 – Katharine Blodgett Patents 'Invisible' Glass". *APS News*. American Physical Society. March 2007. https://www.aps.org/archives/publications/apsnews/200703/history.cfm
- Nissa, Josefin. (2020). *Interacting with biological membranes using organic electronic devices*. https://www.diva-portal.org/smash/get/diva2:1510555/FULLTEXT01.pdf
- "Katharine Burr Blodgett Collection". *General Electric Historical Collection*. Schenectady Digital Collections. https://cdm16694.contentdm.oclc.org/digital/api/collection/p16694coll20/id/15621/download
- "Katharine Burr Blodgett Collection". *General Electric Historical Collection*. Schenectady Digital Collections.

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https://cdm16694.contentdm.oclc.org/digital/api/collection/p16694coll20/id/15621/download

Create and populate Legacy section: highlight the lasting influence of her contributions to both science and technology, modern applications of non-reflective glass, posthumous honors and recognition

- Lost Women of Science (2026). "Layers of Brilliance". *Podcast episode*. https://www.lostwomenofscience.org/podcast-episodes/layers-of-brilliance---episode-one-the-chemical-genius-of-katharine-burr-blodgett#transcript
- "Katharine Burr Blodgett". *Edison Tech Center*. https://edisontechcenter.org/Blodgett.html
- "Irving Langmuir and Katharine Burr Blodgett". *Science History Institute: Scientific Biographies*. https://www.sciencehistory.org/education/scientific-biographies/irving-langmuir-and-katharine-burr-blodgett/
- "The Invisible Glass Legacy of Katharine Burr Blodgett". *University of Cambridge, Department of Physics.* https://www.phy.cam.ac.uk/news/the-invisible-glass-legacy-of-katharine-burr-blodgett/
- Bridges, Elizabeth (2024). "The Women Behind the Science: Katharine Burr Blodgett". *ISIS Neutron and Muon Source*. https://www.isis.stfc.ac.uk/Pages/The-women-behind-the-science-Katharine-Burr-Blodge
- "Katharine Burr Blodgett". *EBSCO Research Starters: History*. https://www.ebsco.com/research-starters/history/katharine-burr-blodgetttt--.aspx
- "This Month in Physics History: March 1939 – Katharine Blodgett Patents 'Invisible' Glass". *APS News*. American Physical Society. March 2007. https://www.aps.org/archives/publications/apsnews/200703/history.cfm
- "Women's History Month 2020: Women Scientists Shaping Energy". *U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy*. March 2020. https://www.energy.gov/eere/articles/womens-history-month-2020-women-scientists-shaping-energy
- *"Gas-mask research"*, in University of Chicago Laboratory Gazette, accessed via Capub Library, "*mvol-0002-0011-0008*" (University of Chicago Library). https://campub.lib.uchicago.edu/view/?docId=mvol-0002-0011-0008#page/20/mode/1up/search/gas

Add missing patents to list.

- "Katharine Burr Blodgett". *National Inventors Hall of Fame*. https://www.invent.org/inductees/katharine-burr-blodgett
- "This Month in Physics History: March 1939 – Katharine Blodgett Patents 'Invisible' Glass". *APS News*. American Physical Society. March 2007. https://www.aps.org/archives/publications/apsnews/200703/history.cfm
- "Katharine B. Blodgett – Inventor patents", Google Patents https://patents.google.com/?inventor=Katharine+B+Blodgett

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Sources:

- Roberts, Jacob (2014). "The Invisible Woman". *Science History Institute Magazine*. https://www.sciencehistory.org/stories/magazine/the-invisible-woman/
- Lost Women of Science (2026). "Layers of Brilliance". *Podcast episode*. https://www.lostwomenofscience.org/podcast-episodes/layers-of-brilliance---episode-one-the-chemical-genius-of-katharine-burr-blodgett#transcript
- "Katharine Burr Blodgett". *Edison Tech Center*. https://edisontechcenter.org/Blodgett.html
- Schott, Margaret (2019). "The Remarkable Life and Work of Katharine Burr Blodgett (1898–1979)". *ACS Axial: Physical Chemistry*. American Chemical Society. https://axial.acs.org/physical-chemistry/the-remarkable-life-and-work-of-katharine-burr-blodgett-1898-1979
- "Irving Langmuir and Katharine Burr Blodgett". *Science History Institute: Scientific Biographies*. https://www.sciencehistory.org/education/scientific-biographies/irving-langmuir-and-katharine-burr-blodgett/
- "The Invisible Glass Legacy of Katharine Burr Blodgett". *University of Cambridge, Department of Physics.* https://www.phy.cam.ac.uk/news/the-invisible-glass-legacy-of-katharine-burr-blodgett/
- Bridges, Elizabeth (2024). "The Women Behind the Science: Katharine Burr Blodgett". *ISIS Neutron and Muon Source*. https://www.isis.stfc.ac.uk/Pages/The-women-behind-the-science-Katharine-Burr-Blodgett--.aspx
- "Katharine Burr Blodgett". *National Inventors Hall of Fame*. https://www.invent.org/inductees/katharine-burr-blodgett
- "Katharine Burr Blodgett". *EBSCO Research Starters: History*. https://www.ebsco.com/research-starters/history/katharine-burr-blodgett
- "This Month in Physics History: March 1939 – Katharine Blodgett Patents 'Invisible' Glass". *APS News*. American Physical Society. March 2007. https://www.aps.org/archives/publications/apsnews/200703/history.cfm
- Nissa, Josefin. (2020). *Interacting with biological membranes using organic electronic devices*. https://www.diva-portal.org/smash/get/diva2:1510555/FULLTEXT01.pdf
- Risen, Clay (2021). "Five Women Inventors You Didn't Learn About in History Class". *Smithsonian Magazine*. https://www.smithsonianmag.com/innovation/five-women-inventors-you-didnt-learn-about-in-history-class-180979844/
- "Women's History Month 2020: Women Scientists Shaping Energy". *U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy*. March 2020. https://www.energy.gov/eere/articles/womens-history-month-2020-women-scientists-shaping-energy
- "Katharine Burr Blodgett Collection". *General Electric Historical Collection*. Schenectady Digital Collections. https://cdm16694.contentdm.oclc.org/digital/api/collection/p16694coll20/id/15621/download

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- *"Gas-mask research"*, in University of Chicago Laboratory Gazette, accessed via Capub Library, "*mvol-0002-0011-0008*" (University of Chicago Library). https://campub.lib.uchicago.edu/view/?docId=mvol-0002-0011-0008#page/20/mode/1up/search/gas
- *"Katharine Burr Blodgett Award"*, Society of Chemical Industry: *Awards & Recognition – Honours* (est. 2020) https://www.soci.org/awards/honours/katharine-burr-blodgett-award
- *"The Katharine Burr Blodgett Award"*, Colloids & Surface Science Group (joint SCI CSCG and RSC CISG). https://colloidsgroup.org.uk/the-katharine-burr-blodgett-award/
- *"Katharine Burr Blodgett Medal and Prize recipients"*, Institute of Physics (IOP): Gold Medals and Prizes https://www.iop.org/about/awards/gold-medals/katharine-burr-blodgett-medal-and-prize-recipients
- *"Katharine Burr Blodgett Award"*, Royal Society of Chemistry (RSC), *Colloid & Interface Science Interest Group Prizes* https://www.rsc.org/standards-and-recognition/prizes/interest-group-prizes/katharine-burr-blodgett-award
  "Katharine B. Blodgett – Inventor patents", Google Patents https://patents.google.com/?inventor=Katharine+B+Blodgett

Emma Unson Rotor

- Correct the information about her on Arturo Rotor's page: https://en.wikipedia.org/wiki/Arturo_Rotor
- On the proximity fuze page, add a sentence about her contributions and link to her page: https://en.wikipedia.org/wiki/Proximity_fuze
- Add name, link to her page, birth and death date, nationality, and occupation to List of female scientists in the 20th century page

Sources:

- https://www.lostwomenofscience.org/podcast-episodes/from-our-inboxemma-unson-rotor-the-filipina-physicist-who-developed-a-top-secret-weapon
- https://www.sciencenews.org/article/emma-rotor-filipino-math-teacher-wwii-weapons-fuse
- https://rcrusadernews.com/12372/features/filipina-teacher-fused-math-with-science-to-create-wwii-technology/

Caroline Herzenberg

Edits: Add sources and citations
Add fields to infobox

Expand lead: summarize her professional trajectory focusing on key institutions and research areas, key scientific contributions, her role in promoting women in STEM, and professional recognition

- "Their Day in the Sun: The Book That Shone a Light on the Lost Women of the Manhattan Project". *Lost Women of Science*.

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https://www.lostwomenofscience.org/podcast-episodes/their-day-in-the-sun-the-book-that-shone-a-light-on-the-lost-women-of-the-manhattan-project
- "Science Talent Search 1949". *Society for Science.* https://www.societyforscience.org/regeneron-sts/science-talent-search-1949/
- "Caroline Littlejohn Herzenberg". *Contributions of 20th Century Women to Physics (CWP)*. UCLA. http://cwp.library.ucla.edu/Phase2/Herzenberg,_Caroline_Littlejohn@8212345678.html
- Solomon, Barbara Miller (2001). *American Women in Science Since 1900*. Vol. 2. ABC-CLIO. https://archive.org/details/AmericanWomenScienceSince1900/page/n531/mode/2up?q="Caroline+Herzenberg"
- MacLachlan, James (1994). *I Can't Do What?: Voices of Women in Science, Math, and Technology*. Boyds Mills Press. https://archive.org/details/icantdowhatvoice0000macl/page/140/mode/2up?q=herzenberg
- Gutfreund, Geraldine Marshall (19795). *Yearbooks in Science* https://archive.org/details/19701979yearbook00gera/page/54/mode/2up?q="Caroline+Herzenberg"
- Howes, Ruth; Herzenberg, Caroline L.; Weaver, Ellen C. *Their Day in the Sun: Women of the Manhattan Project.* Labor and Social Change series, Temple University Press, Philadelphia, PA, 1999. https://openlibrary.org/works/OL19667219W/Their_day_in_the_sun?edition=key:/books/OL8668908M

Create new sections and reorganize information: Early life and education, Scientific research and career, History of women in science, Personal life and advocacy, Awards and Honors, Selected works

- "Caroline Littlejohn Herzenberg". *Contributions of 20th Century Women to Physics (CWP)*. UCLA. http://cwp.library.ucla.edu/Phase2/Herzenberg,_Caroline_Littlejohn@8212345678.html
- Solomon, Barbara Miller (2001). *American Women in Science Since 1900*. Vol. 2. ABC-CLIO. https://archive.org/details/AmericanWomenScienceSince1900/page/n531/mode/2up?q="Caroline+Herzenberg"
- Rossiter, Margaret W. (1995). *Women Scientists in America: Forging a New World since 1972* Johns Hopkins University Press. https://archive.org/details/womenscientistsi0003ross_h3g2/mode/2up?q="Caroline+Herzenberg"
- "Letters to the Editor: The Underrepresentation of Women". *The New York Times*. October 10, 2006. https://www.nytimes.com/2006/10/10/science/10letters.html

Add and clarify details in Early life and education: correct Westinghouse Science Talent Search award (she won 2nd place), Specify her degrees in physics, Describe postdoctoral fellowship research at University of Chicago (studied nuclear reactions involving lithium isotopes

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and beryllium and boron, which laid foundations for later heavy-ion physics research), clarify her status as postdoctoral fellow at Argonne National Laboratory (1959-1961) and highlight her research focus on Mössbauer spectroscopy (part of the team which succeeded in verifying the Mössbauer effect, briefly describe the Mössbauer effect and its significance)

- "Science Talent Search 1949". *Society for Science.* https://www.societyforscience.org/regeneron-sts/science-talent-search-1949/
- Solomon, Barbara Miller (2001). *American Women in Science Since 1900*. Vol. 2. ABC-CLIO. https://archive.org/details/AmericanWomenScienceSince1900/page/n531/mode/2up?q="Caroline+Herzenberg"
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- Gutfreund, Geraldine Marshall (19795). *Yearbooks in Science* https://archive.org/details/19701979yearbook00gera/page/54/mode/2up?q="Caroline+Herzenberg"
- Rossiter, Margaret W. (1995). *Women Scientists in America: Forging a New World since 1972* Johns Hopkins University Press. https://archive.org/details/womenscientistsi0003ross_h3g2/mode/2up?q="Caroline+Herzenberg"
- Grinstein, Louise S.; Campbell, Rose K.; Stechenberg, Alan (1993). *Women in Chemistry and Physics: A Biobibliographic Sourcebook*. Greenwood Press. https://archive.org/details/womeninchemistry00grin/page/246/mode/2up?q="Caroline+Herzenberg"
- Dorward, James (1994). "The Effect of Introducing Biographical Material on Women Scientists into the Introductory Physics Curriculum". *Physics Teacher Education*. https://www.researchgate.net/profile/James-Dorward/publication/267552931_The_Effect_of_Introducing_Biographical_Material_on_Women_Scientists_into_the_Introductory_Physics_Curriculum/links/56534c6308ae1ef92975f1cf/The-Effect-of-Introducing-Biographical-Material-on-Women-Scientists-into-the-Introductory-Physics-Curriculum.pdf

Expand on scientific research and career: add details about work at Illinois Institute of Technology (continued research on Mössbauer effect and experimental low-energy physics using Van de Graaff accelerator, established Mössbauer-research facility and started exploring it's geological applications, inspired her idea for using the Mössbauer effect to analyze lunar rocks and minerals, awarded grant from National Aeronautics and Space Administration to examine lunar samples from Apollo mission (Principal investigator in the NASA Apollo returned lunar sample analysis program), denied tenure in 1967, 1967-1970 research physicist at IIT Research Institute where she was promoted to senior physicist in 1970, briefly mention post-retirement consulting work, add leadership in professional societies. Move award and honors currently in biography and research in the history of science sections to new dedicated section.

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- "Caroline Littlejohn Herzenberg". *Contributions of 20th Century Women to Physics (CWP)*. UCLA. http://cwp.library.ucla.edu/Phase2/Herzenberg,_Caroline_Littlejohn@8212345678.html
- Solomon, Barbara Miller (2001). *American Women in Science Since 1900*. Vol. 2. ABC-CLIO. https://archive.org/details/AmericanWomenScienceSince1900/page/n531/mode/2up?q="Caroline+Herzenberg"
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- Westfall, Catherine (2005) "The Big and Little of Fifty Years of Mossbauer Spectroscopy at Argonne." Office of the Director Argonne National Laboratory https://publications.anl.gov/anlpubs/2005/09/54366.pdf
- MacLachlan, James (1994). *I Can't Do What?: Voices of Women in Science, Math, and Technology*. Boyds Mills Press. https://archive.org/details/icantdowhatvoice0000macl/page/140/mode/2up?q=herzenberg
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- Grinstein, Louise S.; Campbell, Rose K.; Stechenberg, Alan (1993). *Women in Chemistry and Physics: A Biobibliographic Sourcebook*. Greenwood Press. https://archive.org/details/womeninchemistry00grin/page/246/mode/2up?q="Caroline+Herzenberg"
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E**xpand on her research and writing on the history of women in science:** for example, include other work, detail the decades-long research conducted in collaboration with Ruth Howes for their book for Their Day in the Sun, which documented more than 1000 women who worked on the Manhattan Project, highlight that her efforts have helped address historical omissions**.**

- "Their Day in the Sun: The Book That Shone a Light on the Lost Women of the Manhattan Project". *Lost Women of Science*. https://www.lostwomenofscience.org/podcast-episodes/their-day-in-the-sun-the-book-that-shone-a-light-on-the-lost-women-of-the-manhattan-project

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- Solomon, Barbara Miller (2001). *American Women in Science Since 1900*. Vol. 2. ABC-CLIO. https://archive.org/details/AmericanWomenScienceSince1900/page/n531/mode/2up?q="Caroline+Herzenberg"
- Oakes, Elizabeth H. (2007). *International Encyclopedia of Women Scientists*. Facts on File. https://archive.org/details/internationalenc00oake/page/158/mode/2up?q=Caroline+Herzenberg, https://archive.org/details/womenscientistsf0000herz
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- Dorward, James (1994). "The Effect of Introducing Biographical Material on Women Scientists into the Introductory Physics Curriculum". *Physics Teacher Education*. https://www.researchgate.net/profile/James-Dorward/publication/267552931_The_Effect_of_Introducing_Biographical_Material_on_Women_Scientists_into_the_Introductory_Physics_Curriculum/links/56534c6308ae1ef92975f1cf/The-Effect-of-Introducing-Biographical-Material-on-Women-Scientists-into-the-Introductory-Physics-Curriculum.pdf
- "Letters to the Editor: The Underrepresentation of Women". *The New York Times*. October 10, 2006. https://www.nytimes.com/2006/10/10/science/10letters.html
- "Letters to the Editor: Science and Women". *The New York Times*. November 6, 2007. https://www.nytimes.com/2007/11/06/science/06lett.html
- Herzenberg, Caroline L. (1986). *Women Scientists from Antiquity to the Present: An Index*. Greenwood Press. *https://openlibrary.org/books/OL2542316M/Women_scientists_from_antiquity_to_the_present*
- "After the war : women in physics in the United States". *Stanford Libraries SearchWorks Catalog*. https://searchworks.stanford.edu/view/11650903
- Herzenberg, Caroline L. (2008). "Grete Hermann: Mathematician, Physicist, Philosopher". *APS April Meeting Abstracts*. American Physical Society. https://ui.adsabs.harvard.edu/abs/2008APS..APR.T9002H/abstract
- "Commission on Women in Science". *APS News*. American Physical Society. https://www.aps.org/archives/publications/apsnews/199808/women.cfm
- Howes, Ruth; Herzenberg, Caroline L.; Weaver, Ellen C. *Their Day in the Sun: Women of the Manhattan Project.* Labor and Social Change series, Temple University Press, Philadelphia, PA, 1999. https://openlibrary.org/works/OL19667219W/Their_day_in_the_sun?edition=key:/books/OL8668908M

Merge information from current research in physics and related fields section into new Scientific research and career section.

- "Caroline Littlejohn Herzenberg". *Contributions of 20th Century Women to Physics (CWP)*. UCLA. http://cwp.library.ucla.edu/Phase2/Herzenberg,_Caroline_Littlejohn@8212345678.html

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- MacLachlan, James (1994). *I Can't Do What?: Voices of Women in Science, Math, and Technology*. Boyds Mills Press. https://archive.org/details/icantdowhatvoice0000macl/page/140/mode/2up?q=herzenberg

Merge information from current further activities section into new personal life and advocacy section.

Sources:

- "Their Day in the Sun: The Book That Shone a Light on the Lost Women of the Manhattan Project". *Lost Women of Science*. https://www.lostwomenofscience.org/podcast-episodes/their-day-in-the-sun-the-book-that-shone-a-light-on-the-lost-women-of-the-manhattan-project
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- "Caroline Littlejohn Herzenberg". *Contributions of 20th Century Women to Physics (CWP)*. UCLA. http://cwp.library.ucla.edu/Phase2/Herzenberg,_Caroline_Littlejohn@8212345678.html
- Solomon, Barbara Miller (2001). *American Women in Science Since 1900*. Vol. 2. ABC-CLIO. https://archive.org/details/AmericanWomenScienceSince1900/page/n531/mode/2up?q="Caroline+Herzenberg"
- Oakes, Elizabeth H. (2007). *International Encyclopedia of Women Scientists*. Facts on File. https://archive.org/details/internationalenc00oake/page/158/mode/2up?q=Caroline+Herzenberg, https://archive.org/details/womenscientistsf0000herz
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- Westfall, Catherine (2005) "The Big and Little of Fifty Years of Mossbauer Spectroscopy at Argonne." Office of the Director Argonne National Laboratory https://publications.anl.gov/anlpubs/2005/09/54366.pdf
- MacLachlan, James (1994). *I Can't Do What?: Voices of Women in Science, Math, and Technology*. Boyds Mills Press. https://archive.org/details/icantdowhatvoice0000macl/page/140/mode/2up?q=herzenberg
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- Grinstein, Louise S.; Campbell, Rose K.; Stechenberg, Alan (1993). *Women in Chemistry and Physics: A Biobibliographic Sourcebook*. Greenwood Press. https://archive.org/details/womeninchemistry00grin/page/246/mode/2up?q="Caroline+Herzenberg"
- Dorward, James (1994). "The Effect of Introducing Biographical Material on Women Scientists into the Introductory Physics Curriculum". *Physics Teacher Education*. https://www.researchgate.net/profile/James-Dorward/publication/267552931_The_Effect_of_Introducing_Biographical_Material_on_Women_Scientists_into_the_Introductory_Physics_Curriculum/links/56534c6308ae1ef92975f1cf/The-Effect-of-Introducing-Biographical-Material-on-Women-Scientists-into-the-Introductory-Physics-Curriculum.pdf
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- "Letters to the Editor: The Underrepresentation of Women". *The New York Times*. October 10, 2006. https://www.nytimes.com/2006/10/10/science/10letters.html
- "Letters to the Editor: Science and Women". *The New York Times*. November 6, 2007. https://www.nytimes.com/2007/11/06/science/06lett.html
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- "After the war : women in physics in the United States". *Stanford Libraries SearchWorks Catalog*. https://searchworks.stanford.edu/view/11650903
- Herzenberg, Caroline L. (2008). "Grete Hermann: Mathematician, Physicist, Philosopher". *APS April Meeting Abstracts*. American Physical Society. https://ui.adsabs.harvard.edu/abs/2008APS..APR.T9002H/abstract
- "Commission on Women in Science". *APS News*. American Physical Society. https://www.aps.org/archives/publications/apsnews/199808/women.cfm
- Howes, Ruth; Herzenberg, Caroline L.; Weaver, Ellen C. *Their Day in the Sun: Women of the Manhattan Project.* Labor and Social Change series, Temple University Press, Philadelphia, PA, 1999. https://openlibrary.org/works/OL19667219W/Their_day_in_the_sun?edition=key:/books/OL8668908M

Carolyn Beatrice Parker

Edits: Revise lead paragraph to focus on accomplishments/notability

- "Lost Women of the Manhattan Project: Carolyn Beatrice Parker". https://www.lostwomenofscience.org/podcast-episodes/lost-women-of-the-manhattan-project-carolyn-beatrice-parker

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- Mickens, Ronald E.; Patterson, Charmayne E. (Fall 2021). "Carolyn Beatrice Parker: A Life in Physics" (PDF): https://cdn.ymaws.com/nsbp.org/resource/resmgr/bhm-images/FHPP_Fall21.pdf
- "Carolyn Beatrice Parker - Nuclear Museum". *https://ahf.nuclearmuseum.org/*. https://ahf.nuclearmuseum.org/ahf/profile/carolyn-beatrice-parker/
- Prescod-Weinstein, Chanda (2022-05-18). "Racial and economic barriers kept Carolyn Beatrice Parker from realizing her full potential". *Popular Science*: https://www.popsci.com/science/carolyn-beatrice-parker-profile/

Combine early life and education sections and revise to improve clarity and flow
Revise and expand career section (add in work on the Dayton Project)

- "Lost Women of the Manhattan Project: Carolyn Beatrice Parker". https://www.lostwomenofscience.org/podcast-episodes/lost-women-of-the-manhattan-project-carolyn-beatrice-parker
- Mickens, Ronald E.; Patterson, Charmayne E. (Fall 2021). "Carolyn Beatrice Parker: A Life in Physics" (PDF): https://cdn.ymaws.com/nsbp.org/resource/resmgr/bhm-images/FHPP_Fall21.pdf

Add in additional details about personal life

- "Lost Women of the Manhattan Project: Carolyn Beatrice Parker". https://www.lostwomenofscience.org/podcast-episodes/lost-women-of-the-manhattan-project-carolyn-beatrice-parker
- Mickens, Ronald E.; Patterson, Charmayne E. (Fall 2021). "Carolyn Beatrice Parker: A Life in Physics" (PDF): https://cdn.ymaws.com/nsbp.org/resource/resmgr/bhm-images/FHPP_Fall21.pdf
- Macdonald, Peggy (2021-02-28). “The history of Carolyn Beatrice Parker, Gainesville’s own ‘hidden figure’”. *The Gainesville Sun*: https://www.gainesville.com/story/lifestyle/magazine/2021/02/28/hidden-history-gainesvilles-carolyn-beatrice-parker/4353289001/

Highlight potential connection between her leukemia and polonium exposure

- "Lost Women of the Manhattan Project: Carolyn Beatrice Parker". https://www.lostwomenofscience.org/podcast-episodes/lost-women-of-the-manhattan-project-carolyn-beatrice-parker
- Thomas, Linda Carrick (2017). *Polonium in the Playhouse : the Manhattan Project's secret chemistry work in Dayton, Ohio*. Internet Archive. Columbus : Trillium, an imprint of The Ohio State University Press. ISBN 978-0-8142-1338-4: https://archive.org/details/poloniuminplayho0000thom

Add in-text links and citations

Add legacy section including Carolyn Beatrice Parker Park

- "Lost Women of the Manhattan Project: Carolyn Beatrice Parker". https://www.lostwomenofscience.org/podcast-episodes/lost-women-of-the-manhattan-project-carolyn-beatrice-parker

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- Mickens, Ronald E.; Patterson, Charmayne E. (Fall 2021). "Carolyn Beatrice Parker: A Life in Physics" (PDF): https://cdn.ymaws.com/nsbp.org/resource/resmgr/bhm-images/FHPP_Fall21.pdf
- "Carolyn Beatrice Parker - Nuclear Museum". *https://ahf.nuclearmuseum.org/*. https://ahf.nuclearmuseum.org/ahf/profile/carolyn-beatrice-parker/
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- Thomas, Linda Carrick (2017). *Polonium in the Playhouse : the Manhattan Project's secret chemistry work in Dayton, Ohio*. Internet Archive. Columbus : Trillium, an imprint of The Ohio State University Press. ISBN 978-0-8142-1338-4: https://archive.org/details/poloniuminplayho0000thom
- Prescod-Weinstein, Chanda (2022-05-18). "Racial and economic barriers kept Carolyn Beatrice Parker from realizing her full potential". *Popular Science*: https://www.popsci.com/science/carolyn-beatrice-parker-profile/
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- "Carolyn Beatrice Parker Park". *www.gainesvillefl.gov*: https://www.gainesvillefl.gov/Parks/Carolyn-Beatrice-Parker-Park
- "LSA Women in History: Carolyn B. Parker | U-M LSA U-M College of LSA". *lsa.umich.edu*: https://lsa.umich.edu/lsa/news-events/all-news/search-news/lsa-women-in-history--carolyn-b--parker.html

Katharine Way

Edits: Add sources and citations

Expand lead to highlight scientific contributions and legacies (Manhattan project role, nuclear decay research, nuclear data leadership, advocacy)

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- Lost Women of Science (December 7, 2023). *"Meet the Physicist Who Spoke Out Against the Bomb She Helped Create"*. Lost Women of Science Podcast. https://www.lostwomenofscience.org/podcast-episodes/meet-the-physicist-who-spoke-out-against-the-bomb-she-helped-create
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- Quintin, L., & Vuillaume, F. (2017). Women who helped shape the history of nuclear science and technology. NEA News, no.35-1, p. 20–22. https://tamirichards.com/wp-content/uploads/2023/08/nuclear-science-yuasa.pdf
- UCLA Center for the Study of Women. *"Katharine Way: Articles and Papers"*. Contributions of 20th Century Women in Physics. http://cwp.library.ucla.edu/articles/way/way.html
- Oak Ridge National Laboratory (March 2023). *"Kay Way, Mother of Nuclear Data"*. ORNL Blog. https://www.ornl.gov/blog/kay-way-mother-nuclear-data
- Oak Ridge Institute for Science and Education. *"Katharine Way Shaping Science Award"*. ORISE. https://orise.orau.gov/people/katharine-way-shaping-science-award.html

Restructure: rename “education and early life” “early life and education,” create research and career section with chronological subsections (Early career, Manhattan Project, Oak Ridge and postwar transition, National Bureau of Standards and Nuclear Data Project, Later career), add personal life and advocacy section, add honors and awards section, add legacy section

Add missing details to early life and education section (birthday, subjects she got her degrees in)

- Lost Women of Science (December 7, 2023). *"Meet the Physicist Who Spoke Out Against the Bomb She Helped Create"*. Lost Women of Science Podcast. https://www.lostwomenofscience.org/podcast-episodes/meet-the-physicist-who-spoke-out-against-the-bomb-she-helped-create
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- Quintin, L., & Vuillaume, F. (2017). Women who helped shape the history of nuclear science and technology. NEA News, no.35-1, p. 20–22. https://tamirichards.com/wp-content/uploads/2023/08/nuclear-science-yuasa.pdf
- UCLA Center for the Study of Women. *"Katharine Way: Articles and Papers"*. Contributions of 20th Century Women in Physics. http://cwp.library.ucla.edu/articles/way/way.html

Verify timeline at Columbia ("From 1929 to 1934 she studied at Columbia University, where Edward Kasner stoked an interest in mathematics, and co-authored Way's first published academic paper. She graduated with her BS in 1932.")

- Lost Women of Science (December 7, 2023). *"Meet the Physicist Who Spoke Out Against the Bomb She Helped Create"*. Lost Women of Science Podcast. https://www.lostwomenofscience.org/podcast-episodes/meet-the-physicist-who-spoke-out-against-the-bomb-she-helped-create
- Physics Today (1995). *"Katharine Way"*. Obituary. American Institute of Physics. https://pubs.aip.org/physicstoday/online/5919/Katharine-Way
- American Nuclear Society (March 16, 2023). *"Kay Way: A Pioneer for Nuclear Data"*. ANS News. https://www.ans.org/news/article-2023/30594/
- UCLA Center for the Study of Women. *"Katharine Way"*. Contributions of 20th Century Women in Physics (CWP) Project. http://cwp.library.ucla.edu/Phase2/Way,_Katharine@862427327.html
- Horiuchi, H.; et al. (2024). "Nuclear data: status and needs". Nuclear Physics News, Elsevier. doi:10.1016/S0167-8140(24)00644-3 https://www.sciencedirect.com/science/article/pii/S0167814024006443
- UCLA Center for the Study of Women. *"Katharine Way: Articles and Papers"*. Contributions of 20th Century Women in Physics. http://cwp.library.ucla.edu/articles/way/way.html

Add early career information (Huff Research Fellowship at Bryn Mawr, assistant professor at the University of Tennessee working to produce Neptunium-239, worked with John Bardeen in Washington)

- Lost Women of Science (December 7, 2023). *"Meet the Physicist Who Spoke Out Against the Bomb She Helped Create"*. Lost Women of Science Podcast. https://www.lostwomenofscience.org/podcast-episodes/meet-the-physicist-who-spoke-out-against-the-bomb-she-helped-create

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- Atomic Heritage Foundation. *"Katharine Way"*. Atomic Heritage Foundation Profiles. https://ahf.nuclearmuseum.org/ahf/profile/katharine-way/
- American Nuclear Society (March 16, 2023). *"Kay Way: A Pioneer for Nuclear Data"*. ANS News. https://www.ans.org/news/article-2023/30594/
- UCLA Center for the Study of Women. *"Katharine Way"*. Contributions of 20th Century Women in Physics (CWP) Project. http://cwp.library.ucla.edu/Phase2/Way,_Katharine@862427327.html
- UCLA Center for the Study of Women. *"Katharine Way: Articles and Papers"*. Contributions of 20th Century Women in Physics. http://cwp.library.ucla.edu/articles/way/way.html
- Oak Ridge National Laboratory (March 2023). *"Kay Way, Mother of Nuclear Data"*. ORNL Blog. https://www.ornl.gov/blog/kay-way-mother-nuclear-data
- Oak Ridge Institute for Science and Education. *"Katharine Way Shaping Science Award"*. ORISE. https://orise.orau.gov/people/katharine-way-shaping-science-award.html

Add context/reasoning underlining her signing of the Szilard petition, co-editing of One World or None, and membership in Federation of Atomic Scientists/Federation of American Scientists
Note her suggestion led to the establishment of the Oak Ridge Institute of Nuclear Studies (now known as the Oak Ridge Institute for Science and Education)

- Lost Women of Science (December 7, 2023). *"Meet the Physicist Who Spoke Out Against the Bomb She Helped Create"*. Lost Women of Science Podcast. https://www.lostwomenofscience.org/podcast-episodes/meet-the-physicist-who-spoke-out-against-the-bomb-she-helped-create
- Physics Today (1995). *"Katharine Way"*. Obituary. American Institute of Physics. https://pubs.aip.org/physicstoday/online/5919/Katharine-Way
- Atomic Heritage Foundation. *"Katharine Way"*. Atomic Heritage Foundation Profiles. https://ahf.nuclearmuseum.org/ahf/profile/katharine-way/
- American Nuclear Society (March 16, 2023). *"Kay Way: A Pioneer for Nuclear Data"*. ANS News. https://www.ans.org/news/article-2023/30594/
- National Nuclear Data Center (2014). *"Nuclear Data Needs and Capabilities for Applications"*. NDWG White Paper. Brookhaven National Laboratory. https://www.nndc.bnl.gov/ndwg/docs/needs/NDNCBS-WhitePaper.pdf
- Quintin, L., & Vuillaume, F. (2017). Women who helped shape the history of nuclear science and technology. NEA News, no.35-1, p. 20–22. https://tamirichards.com/wp-content/uploads/2023/08/nuclear-science-yuasa.pdf
- UCLA Center for the Study of Women. *"Katharine Way: Articles and Papers"*. Contributions of 20th Century Women in Physics. http://cwp.library.ucla.edu/articles/way/way.html
- Oak Ridge Institute for Science and Education. *"History of ORISE"*. ORAU/ORISE. https://orise.orau.gov/about/history.html

Add details to later career/research (Triangle Universities Nuclear Laboratory)

- American Nuclear Society (March 16, 2023). *"Kay Way: A Pioneer for Nuclear Data"*. ANS News. https://www.ans.org/news/article-2023/30594/

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- UCLA Center for the Study of Women. *"Katharine Way: Articles and Papers"*. Contributions of 20th Century Women in Physics. http://cwp.library.ucla.edu/articles/way/way.html
- Oak Ridge National Laboratory (March 2023). *"Kay Way, Mother of Nuclear Data"*. ORNL Blog. https://www.ornl.gov/blog/kay-way-mother-nuclear-data

Detail her advocacy (marched in civil rights demonstrations, spoke out against McCarthyism, President of Durham Chapter of AAUW, and advocated for the rights of seniors through series of talks and Durham Seniors for Better Health in the City of Medicine committee)

- Lost Women of Science (December 7, 2023). *"Meet the Physicist Who Spoke Out Against the Bomb She Helped Create"*. Lost Women of Science Podcast. https://www.lostwomenofscience.org/podcast-episodes/meet-the-physicist-who-spoke-out-against-the-bomb-she-helped-create
- American Nuclear Society (March 16, 2023). *"Kay Way: A Pioneer for Nuclear Data"*. ANS News. https://www.ans.org/news/article-2023/30594/
- UCLA Center for the Study of Women. *"Katharine Way"*. Contributions of 20th Century Women in Physics (CWP) Project. http://cwp.library.ucla.edu/Phase2/Way,_Katharine@862427327.html

Summarize her lasting influence in nuclear data infrastructure, institution-building, and advocacy in legacy section.

- Lost Women of Science (December 7, 2023). *"Meet the Physicist Who Spoke Out Against the Bomb She Helped Create"*. Lost Women of Science Podcast. https://www.lostwomenofscience.org/podcast-episodes/meet-the-physicist-who-spoke-out-against-the-bomb-she-helped-create
- American Nuclear Society (March 16, 2023). *"Kay Way: A Pioneer for Nuclear Data"*. ANS News. https://www.ans.org/news/article-2023/30594/
- Atomic Heritage Foundation. *"Katharine Way"*. Atomic Heritage Foundation Profiles. https://ahf.nuclearmuseum.org/ahf/profile/katharine-way/

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- Lost Women of Science (December 7, 2023). *"Meet the Physicist Who Spoke Out Against the Bomb She Helped Create"*. Lost Women of Science Podcast. https://www.lostwomenofscience.org/podcast-episodes/meet-the-physicist-who-spoke-out-against-the-bomb-she-helped-create
- Physics Today (1995). *"Katharine Way"*. Obituary. American Institute of Physics. https://pubs.aip.org/physicstoday/online/5919/Katharine-Way
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- American Nuclear Society (March 16, 2023). *"Kay Way: A Pioneer for Nuclear Data"*. ANS News. https://www.ans.org/news/article-2023/30594/
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- National Nuclear Data Center. *"Nuclear Data Evaluation"*. Brookhaven National Laboratory. https://www.nndc.bnl.gov/content/evaluation.html
- Horiuchi, H.; et al. (2024). "Nuclear data: status and needs". Nuclear Physics News, Elsevier. doi:10.1016/S0167-8140(24)00644-3 https://www.sciencedirect.com/science/article/pii/S0167814024006443
- National Nuclear Data Center (2014). *"Nuclear Data Needs and Capabilities for Applications"*. NDWG White Paper. Brookhaven National Laboratory. https://www.nndc.bnl.gov/ndwg/docs/needs/NDNCBS-WhitePaper.pdf
- Quintin, L., & Vuillaume, F. (2017). Women who helped shape the history of nuclear science and technology. NEA News, no.35-1, p. 20–22. https://tamirichards.com/wp-content/uploads/2023/08/nuclear-science-yuasa.pdf
- UCLA Center for the Study of Women. *"Katharine Way: Articles and Papers"*. Contributions of 20th Century Women in Physics. http://cwp.library.ucla.edu/articles/way/way.html
- Oak Ridge Institute for Science and Education. *"History of ORISE"*. ORAU/ORISE. https://orise.orau.gov/about/history.html
- Howe, Florence (1982). *Their Day in the Sun: Women of the Manhattan Project*. Philadelphia: Temple University Press. https://archive.org/details/theirdayinsunwom0000howe/mode/2up
- Oak Ridge National Laboratory (March 2023). *"Kay Way, Mother of Nuclear Data"*. ORNL Blog. https://www.ornl.gov/blog/kay-way-mother-nuclear-data
- Oak Ridge Institute for Science and Education. *"Katharine Way Shaping Science Award"*. ORISE. https://orise.orau.gov/people/katharine-way-shaping-science-award.html

Leona Woods

Edits: Edits:
Restructure and organize

Rewrite lead section

- Spring, Kelly. “Leona Libby.” National Women’s History Museum. 2017: https://www.womenshistory.org/education-resources/biographies/leona-libby
- “Manhattan Project Spotlight: Leona Marshall Libby - Nuclear Museum” *https://ahf.nuclearmuseum.org:* https://ahf.nuclearmuseum.org/manhattan-project-spotlight-leona-marshall-libby/
- “This Month in Physics History” *www.aps.org: https://www.aps.org/archives/publications/apsnews/201411/physicshistory.cfm*

Add personal life section and related information

- One of Many Lost Women of the Manhattan Project: Leona Woods Marshall Libby. *www.lostwomenofscience.org: https://www.lostwomenofscience.org/podcast-episodes/one-of-many-lost-women-of-the-manhattan-project-leona-woods-marshall-libby*

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- Spring, Kelly. “Leona Libby.” National Women’s History Museum. 2017: https://www.womenshistory.org/education-resources/biographies/leona-libby
- "Leona Marshall Libby's Interview - Nuclear Museum". *https://ahf.nuclearmuseum.org:* *https://ahf.nuclearmuseum.org/voices/oral-histories/leona-marshall-libbys-interview/*
- “Manhattan Project Spotlight: Leona Marshall Libby - Nuclear Museum” *https://ahf.nuclearmuseum.org:* https://ahf.nuclearmuseum.org/manhattan-project-spotlight-leona-marshall-libby/
- “This Month in Physics History” *www.aps.org:* *https://www.aps.org/archives/publications/apsnews/201411/physicshistory.cfm*

Create career and research section

- One of Many Lost Women of the Manhattan Project: Leona Woods Marshall Libby. *www.lostwomenofscience.org:* *https://www.lostwomenofscience.org/podcast-episodes/one-of-many-lost-women-of-the-manhattan-project-leona-woods-marshall-libby*
- - Spring, Kelly. “Leona Libby.” National Women’s History Museum. 2017: https://www.womenshistory.org/education-resources/biographies/leona-libby
- "Leona Marshall Libby's Interview - Nuclear Museum". *https://ahf.nuclearmuseum.org:* *https://ahf.nuclearmuseum.org/voices/oral-histories/leona-marshall-libbys-interview/*
- - Libby, Leona Marshall. *The Uranium People*. New York, NY: Crane Russak, 1979. https://archive.org/details/uraniumpeople0000libb_n1u9
- “Manhattan Project Spotlight: Leona Marshall Libby - Nuclear Museum” *https://ahf.nuclearmuseum.org:* https://ahf.nuclearmuseum.org/manhattan-project-spotlight-leona-marshall-libby/
- “This Month in Physics History” *www.aps.org:* *https://www.aps.org/archives/publications/apsnews/201411/physicshistory.cfm*

Add in-text citations and sources

- Libby, Leona Marshall. *The Uranium People*. New York, NY: Crane Russak, 1979. https://archive.org/details/uraniumpeople0000libb_n1u9

Sources:

- One of Many Lost Women of the Manhattan Project: Leona Woods Marshall Libby. *www.lostwomenofscience.org:* *https://www.lostwomenofscience.org/podcast-episodes/one-of-many-lost-women-of-the-manhattan-project-leona-woods-marshall-libby*
- Spring, Kelly. “Leona Libby.” National Women’s History Museum. 2017: https://www.womenshistory.org/education-resources/biographies/leona-libby
- "Leona Marshall Libby's Interview - Nuclear Museum". *https://ahf.nuclearmuseum.org:* *https://ahf.nuclearmuseum.org/voices/oral-histories/leona-marshall-libbys-interview/*
- Howes, Ruth (1999). *Their day in the sun: women of the Manhattan Project*. Internet Archive. Philadelphia, PA: Temple University Press: https://archive.org/details/theirdayinsunwom0000howe/mode/1up
- Herzenberg, Caroline L. (April 25, 2004). *Hyde Park Women in the Manhattan Project.* Internet Archive. *www.hydeparkhistory.org*.

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https://web.archive.org/web/20070925231128/http://www.hydeparkhistory.org/herald/WomenInTheManhattanProject.pdf

- Libby, Leona Marshall. *The Uranium People*. New York, NY: Crane Russak, 1979. https://archive.org/details/uraniumpeople0000libb_n1u9
- "Manhattan Project Spotlight: Leona Marshall Libby - Nuclear Museum" *https://ahf.nuclearmuseum.org:* https://ahf.nuclearmuseum.org/manhattan-project-spotlight-leona-marshall-libby/
- "This Month in Physics History" *www.aps.org:* *https://www.aps.org/archives/publications/apsnews/201411/physicshistory.cfm*

Rosalyn Sussman Yalow

Edits: Restructure and organize

- Teshome, Samuel et al. "Hallowed Yalow: The 4th female ACR Gold Medal winner." *Clinical Imaging*: https://www.clinicalimaging.org/article/S0899-7071(20)30450-2/fulltex
- Opfell, Olga S. (1986) *The lady laureates: Women who have won the Nobel Prize*. Internet Archive. Metuchen, N.J. and London: The Scarecrow Press, Inc: https://archive.org/details/ladylaureateswom0000opfe_d2s2/page/n3/mode/2up?q=yalow
- Reynolds, Moria Davison. (1999) *American women scientists: 23 inspiring biographies, 1900-2000*. Internet Archive. Jefferson, N.C.: McFarland & Company, Inc.:
- https://archive.org/details/americanwomensci0000reyn/page/n7/mode/2up?q=yalow
- Dash, Joan. (1991). *The triumph of discovery: women scientists who won the Nobel Prize.* Internet Archive. Englewood Cliffs, N.J.: Silver Burdett Press, Inc: https://archive.org/details/triumphofdiscove00dash/page/n5/mode/2up?q=yalow
- "Rosalyn Yalow and Solomon A. Berson." *Science History Institute.* *https://www.sciencehistory.org/education/scientific-biographies/rosalyn-yalow-and-solomon-berson/*

Create and expand early life and education section

- Teshome, Samuel et al. "Hallowed Yalow: The 4th female ACR Gold Medal winner." *Clinical Imaging*: https://www.clinicalimaging.org/article/S0899-7071(20)30450-2/fulltex
- Opfell, Olga S. (1986) *The lady laureates: Women who have won the Nobel Prize*. Internet Archive. Metuchen, N.J. and London: The Scarecrow Press, Inc: https://archive.org/details/ladylaureateswom0000opfe_d2s2/page/n3/mode/2up?q=yalow
- Reynolds, Moria Davison. (1999) *American women scientists: 23 inspiring biographies, 1900-2000*. Internet Archive. Jefferson, N.C.: McFarland & Company, Inc.: https://archive.org/details/americanwomensci0000reyn/page/n7/mode/2up?q=yalow
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- Royen, Ulrika. "Rosalyn Yalow." *Nobelprize.org:* https://www.nobelprize.org/stories/women-who-changed-science/rosalyn-yalow/
- "In Memoriam: Dr. Rosalyn Yalow, PhD., 1921-2011" *Molecular Endocrinology.* 26 (5): 713-714. 2012-05-01L: https://pmc.ncbi.nlm.nih.gov/articles/PMC5417100/

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- “Rosalyn Yalow and Solomon A. Berson.” *Science History Institute.* *https://www.sciencehistory.org/education/scientific-biographies/rosalyn-yalow-and-solomon-berson/*
- Tan SY, Bracha A. Rosalyn Yalow (1921-2011): Madame Curie from the Bronx. Singapore Med J. 2019 Jul;60(7):337-338. doi: 10.11622/smedj.2019073. PMID: 31378819; PMCID: PMC6658655: https://pmc.ncbi.nlm.nih.gov/articles/PMC6658655/

Create personal life section

- Teshome, Samuel et al. “Hallowed Yalow: The 4th female ACR Gold Medal winner.” *Clinical Imaging*: https://www.clinicalimaging.org/article/S0899-7071(20)30450-2/fulltex
- Opfell, Olga S. (1986) *The lady laureates: Women who have won the Nobel Prize*. Internet Archive. Metuchen, N.J. and London: The Scarecrow Press, Inc: https://archive.org/details/ladylaureateswom0000opfe_d2s2/page/n3/mode/2up?q=yalow
- Reynolds, Moria Davison. (1999) *American women scientists: 23 inspiring biographies, 1900-2000*. Internet Archive. Jefferson, N.C.: McFarland & Company, Inc.: https://archive.org/details/americanwomensci0000reyn/page/n7/mode/2up?q=yalow
- Royen, Ulrika. “Rosalyn Yalow.” *Nobelprize.org:* https://www.nobelprize.org/stories/women-who-changed-science/rosalyn-yalow/
- Dash, Joan. (1991). *The triumph of discovery: women scientists who won the Nobel Prize.* Internet Archive. Englewood Cliffs, N.J.: Silver Burdett Press, Inc: https://archive.org/details/triumphofdiscove00dash/page/n5/mode/2up?q=yalow
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- “Rosalyn Sussman Yalow, 1921-2011” *Jewish Women’s Archive:* *https://jwa.org/weremember/yalow-rosalyn*
- Tan SY, Bracha A. Rosalyn Yalow (1921-2011): Madame Curie from the Bronx. Singapore Med J. 2019 Jul;60(7):337-338. doi: 10.11622/smedj.2019073. PMID: 31378819; PMCID: PMC6658655: https://pmc.ncbi.nlm.nih.gov/articles/PMC6658655/

Rework and expand lead paragraph

- Teshome, Samuel et al. “Hallowed Yalow: The 4th female ACR Gold Medal winner.” *Clinical Imaging*: https://www.clinicalimaging.org/article/S0899-7071(20)30450-2/fulltex
- Dash, Joan. (1991). *The triumph of discovery: women scientists who won the Nobel Prize.* Internet Archive. Englewood Cliffs, N.J.: Silver Burdett Press, Inc: https://archive.org/details/triumphofdiscove00dash/page/n5/mode/2up?q=yalow

Add in-text hyperlinks

- Opfell, Olga S. (1986) *The lady laureates: Women who have won the Nobel Prize*. Internet Archive. Metuchen, N.J. and London: The Scarecrow Press, Inc: https://archive.org/details/ladylaureateswom0000opfe_d2s2/page/n3/mode/2up?q=yalow
- Reynolds, Moria Davison. (1999) *American women scientists: 23 inspiring biographies, 1900-2000*. Internet Archive. Jefferson, N.C.: McFarland & Company, Inc.: https://archive.org/details/americanwomensci0000reyn/page/n7/mode/2up?q=yalow
- Dash, Joan. (1991). *The triumph of discovery: women scientists who won the Nobel Prize.* Internet Archive. Englewood Cliffs, N.J.: Silver Burdett Press, Inc: https://archive.org/details/triumphofdiscove00dash/page/n5/mode/2up?q=yalow

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Add in-text citations and sources

- Reynolds, Moria Davison. (1999) *American women scientists: 23 inspiring biographies, 1900-2000*. Internet Archive. Jefferson, N.C.: McFarland & Company, Inc.: https://archive.org/details/americanwomensci0000reyn/page/n7/mode/2up?q=yalow
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- "Rosalyn Yalow and Solomon A. Berson." *Science History Institute. https://www.sciencehistory.org/education/scientific-biographies/rosalyn-yalow-and-solomon-berson/*
- "In Memoriam: Dr. Rosalyn Yalow, PhD., 1921-2011" *Molecular Endocrinology.* 26 (5): 713-714. 2012-05-01L: https://pmc.ncbi.nlm.nih.gov/articles/PMC5417100/
- Tan SY, Bracha A. Rosalyn Yalow (1921-2011): Madame Curie from the Bronx. Singapore Med J. 2019 Jul;60(7):337-338. doi: 10.11622/smedj.2019073. PMID: 31378819; PMCID: PMC6658655: https://pmc.ncbi.nlm.nih.gov/articles/PMC6658655/

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- Opfell, Olga S. (1986) *The lady laureates: Women who have won the Nobel Prize*. Internet Archive. Metuchen, N.J. and London: The Scarecrow Press, Inc: https://archive.org/details/ladylaureateswom0000opfe_d2s2/page/n3/mode/2up?q=yalow
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- Royen, Ulrika. "Rosalyn Yalow." *Nobelprize.org:* https://www.nobelprize.org/stories/women-who-changed-science/rosalyn-yalow/
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- "Rosalyn Yalow and Solomon A. Berson." *Science History Institute. https://www.sciencehistory.org/education/scientific-biographies/rosalyn-yalow-and-solomon-berson/*
- "Rosalyn Sussman Yalow, 1921-2011" *Jewish Women's Archive: https://jwa.org/weremember/yalow-rosalyn*
- "Rosalyn Sussman Yalow." *American Chemical Society: https://www.acs.org/education/whatischemistry/women-scientists/rosalyn-sussman-yalow.html*
- Tan SY, Bracha A. Rosalyn Yalow (1921-2011): Madame Curie from the Bronx. Singapore Med J. 2019 Jul;60(7):337-338. doi: 10.11622/smedj.2019073. PMID: 31378819; PMCID: PMC6658655: https://pmc.ncbi.nlm.nih.gov/articles/PMC6658655/

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Mária Telkes

Edits:Add sources and inline citations

Delete/consolidate repetitive information across sections

Address inconsistencies (number of patents, immigration year, misspellings etc)

Rewrite lead to emphasize notability, key achievements (co-designed Dover Sun House (1948), invented solar distillation device, solar oven (1953), Solar One (1971) etc), top awards/honors and ongoing recognition

- Butler, Kristin (2023). "The Marvelously Inventive Life of Maria Telkes." *American Experience*. Public Broadcasting Service. https://www.pbs.org/wgbh/americanexperience/features/sun-queen-marvelously-inventive-life-maria-telkes/
- Dover Sun House - MIT Libraries (2022). "Maria Telkes (1900–1995)." *MIT Libraries Research Guides*. Massachusetts Institute of Technology. https://libguides.mit.edu/c.php?g=175920&p=1160875
- Dover Sun House and desalination - Barber, Daniel A. (2013). "World Solar: Maria Telkes and the Making of the American Sun." *PennDesign Working Papers*. University of Pennsylvania School of Design. https://www.design.upenn.edu/sites/default/files/uploads/5_Barber_WorldSolar.pdf
- National Inventors Hall of Fame (2012). "Maria Telkes." *Invent.org*. https://www.invent.org/inductees/maria-telkes
- University of Delaware (2012). "Maria Telkes, 'Sun Queen,' Helped Pioneer Solar Energy." *UDaily*. University of Delaware. https://www1.udel.edu/udaily/2012/mar/telkes-solar-energy-032712.html
- Science History Institute (2018). "The Sun Queen and the Skeptic: Building the World's First Solar Houses." *Distillations Magazine*. https://www.sciencehistory.org/stories/magazine/the-sun-queen-and-the-skeptic-building-the-worlds-first-solar-houses/
- Plester, Jeremy. (2024). "Weatherwatch: How 'Sun Queen' Maria Telkes Pioneered Solar Power." *The Guardian*. https://www.theguardian.com/news/2024/feb/22/weatherwatch-how-sun-queen-maria-telkes-pioneered-solar-power

Reorganize career section into chronological subsections (Early Career and research, MIT Solar Energy Conversion Project and WWII, NYU and industry work, University of Delaware, Later years)

- United States Patent and Trademark Office (USPTO) (2020). "A Solar Life." *Journeys of Innovation*.

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https://www.uspto.gov/learning-and-resources/journeys-innovation/historical-stories/solar-life

- Butler, Kristin (2023). "The Marvelously Inventive Life of Maria Telkes." *American Experience*. Public Broadcasting Service. https://www.pbs.org/wgbh/americanexperience/features/sun-queen-marvelously-inventive-life-maria-telkes/
- National Inventors Hall of Fame (2012). "Maria Telkes." *Invent.org*. https://www.invent.org/inductees/maria-telkes
- University of Delaware (2012). "Maria Telkes, 'Sun Queen,' Helped Pioneer Solar Energy." *UDaily*. University of Delaware. https://www1.udel.edu/udaily/2012/mar/telkes-solar-energy-032712.html
- Plester, Jeremy. (2024). "Weatherwatch: How 'Sun Queen' Maria Telkes Pioneered Solar Power." *The Guardian*. https://www.theguardian.com/news/2024/feb/22/weatherwatch-how-sun-queen-maria-telkes-pioneered-solar-power
- Lemelson–MIT Program. “Maria Telkes.” *Lemelson–MIT Program*. Massachusetts Institute of Technology https://lemelson.mit.edu/resources/maria-telkes

Add missing information/details/context to career section (mention her specific roles and dates at each institution, developed thermopile at Cleveland Clinic, add wartime context for development of solar still and impact, professorship at MIT, clash with Hottel, development, testing, and impact details of solar oven, Solar One, Solar Air Heater, Carlisle House etc.)

- Butler, Kristin (2023). "The Marvelously Inventive Life of Maria Telkes." *American Experience*. Public Broadcasting Service. https://www.pbs.org/wgbh/americanexperience/features/sun-queen-marvelously-inventive-life-maria-telkes/
- University of Delaware (2012). "Maria Telkes, 'Sun Queen,' Helped Pioneer Solar Energy." *UDaily*. University of Delaware. https://www1.udel.edu/udaily/2012/mar/telkes-solar-energy-032712.html
- Science History Institute (2018). "The Sun Queen and the Skeptic: Building the World’s First Solar Houses." *Distillations Magazine*. https://www.sciencehistory.org/stories/magazine/the-sun-queen-and-the-skeptic-building-the-worlds-first-solar-houses/
- Plester, Jeremy. (2024). "Weatherwatch: How 'Sun Queen' Maria Telkes Pioneered Solar Power." *The Guardian*. https://www.theguardian.com/news/2024/feb/22/weatherwatch-how-sun-queen-maria-telkes-pioneered-solar-power
- Lemelson–MIT Program. “Maria Telkes.” *Lemelson–MIT Program*. Massachusetts Institute of Technology https://lemelson.mit.edu/resources/maria-telkes

Clean up Early life and education section (delete details that aren’t supported by reliable sources, add her full birthday, interest in chemistry as child, set up laboratory at age 11, note context for women pursuing education in Hungary)

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- Butler, Kristin (2023). "The Marvelously Inventive Life of Maria Telkes." *American Experience*. Public Broadcasting Service. https://www.pbs.org/wgbh/americanexperience/features/sun-queen-marvelously-inventive-life-maria-telkes/
- Science History Institute (2018). "The Sun Queen and the Skeptic: Building the World's First Solar Houses." *Distillations Magazine*. https://www.sciencehistory.org/stories/magazine/the-sun-queen-and-the-skeptic-building-the-worlds-first-solar-houses/

Expand death details

- Saxon, Wolfgang (August 13, 1996). "Maria Telkes, 95, an Innovator of Varied Uses for Solar Power." *The New York Times*. https://www.nytimes.com/1996/08/13/us/maria-telkes-95-an-innovator-of-varied-uses-for-solar-power.html

Provide context about gender biases she faced with attributed examples

- Science History Institute (2018). "The Sun Queen and the Skeptic: Building the World's First Solar Houses." *Distillations Magazine*. https://www.sciencehistory.org/stories/magazine/the-sun-queen-and-the-skeptic-building-the-worlds-first-solar-houses/

Add personal life section

Add additional patents

- Lemelson–MIT Program. "Maria Telkes." *Lemelson–MIT Program*. Massachusetts Institute of Technology https://lemelson.mit.edu/resources/maria-telkes
- National Inventors Hall of Fame (2012). "Maria Telkes." *Invent.org*. https://www.invent.org/inductees/maria-telkes

Edit Inbox (fields: physical chemistry, biophysics, solar energy; known for etc)

Clean up references (merge duplicates, delete/replace unreliable sources, fix formatting issues etc)

Sources:

- Lost Women of Science (2023). "From Our Inbox: Maria Telkes, the Biophysicist Who Harnessed Solar Power." *Lost Women of Science Podcast*. https://www.lostwomenofscience.org/podcast-episodes/from-our-inbox-maria-telkes-the-biophysicist-who-harnessed-solar-power
- Butler, Kristin (2023). "The Marvelously Inventive Life of Maria Telkes." *American Experience*. Public Broadcasting Service. https://www.pbs.org/wgbh/americanexperience/features/sun-queen-marvelously-inventive-life-maria-telkes/
- MIT Libraries (2022). "Maria Telkes (1900–1995)." *MIT Libraries Research Guides*. Massachusetts Institute of Technology. https://libguides.mit.edu/c.php?g=175920&p=1160875

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- National Inventors Hall of Fame (2012). "Maria Telkes." *Invent.org*. https://www.invent.org/inductees/maria-telkes
- Barber, Daniel A. (2013). "World Solar: Maria Telkes and the Making of the American Sun." *PennDesign Working Papers*. University of Pennsylvania School of Design. https://www.design.upenn.edu/sites/default/files/uploads/5_Barber_WorldSolar.pdf
- United States Patent and Trademark Office (USPTO) (2020). "A Solar Life." *Journeys of Innovation*. https://www.uspto.gov/learning-and-resources/journeys-innovation/historical-stories/solar-life
- University of Delaware (2012). "Maria Telkes, 'Sun Queen,' Helped Pioneer Solar Energy." *UDaily*. University of Delaware. https://www1.udel.edu/udaily/2012/mar/telkes-solar-energy-032712.html
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- Plester, Jeremy. (2024). "Weatherwatch: How 'Sun Queen' Maria Telkes Pioneered Solar Power." *The Guardian*. https://www.theguardian.com/news/2024/feb/22/weatherwatch-how-sun-queen-maria-telkes-pioneered-solar-power
- Lemelson–MIT Program. "Maria Telkes." *Lemelson–MIT Program*. Massachusetts Institute of Technology https://lemelson.mit.edu/resources/maria-telkes
- . Saxon, Wolfgang (August 13, 1996). "Maria Telkes, 95, an Innovator of Varied Uses for Solar Power." *The New York Times*. https://www.nytimes.com/1996/08/13/us/maria-telkes-95-an-innovator-of-varied-uses-for-solar-power.html

Ruth Howes

- Add her name, graduation year, occupation, and brief description of her contributions to notable alumni section of the List of Mount Holyoke College people page
- Add her name, degrees and years she received them, occupation, and brief description of major contributions to List of Columbia University alumni and attendees page
- In the legacy section of the Manhattan Project page add her name, a link to her page, and a description of her contribution to the documentation of the wartime contributions of more than 1000 women in the book she co-wrote with Caroline Herzenberg

Sources:

- https://ahf.nuclearmuseum.org/ahf/profile/ruth-howes/
- https://pubs.aip.org/aapt/pte/article-abstract/48/4/228/276046/Women-and-Men-of-the-Manhattan-Project?redirectedFrom=fulltext

Christine Essenberg

- Add her name and a link to her page on the List of Valparaiso University alumni page **DONE**, Scripps Institution of Oceanography page, and List of University of California, Berkeley alumni page **DONE**

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- Add name, link to her page, birth and death date, nationality, and occupation to List of female scientists in the 20th century page **DONE**

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