

*Curriculum Vitae*

**Miriam F. Lipton**

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U.S. Citizen



**EDUCATION**

- Ph.D., 2023 (expected) Oregon State University, Ph.D. Candidate  
History and Philosophy of Science. Advisor: Jacob Darwin Hamblin
- M.S., 2017 Georgetown University  
Global Health. Thesis: “Potential Neglected Tropical Diseases in the Western Pacific Region: Chromoblastomycosis, Snakebites, Tick-Borne Diseases, and Taeniasis/Cysticercosis/Neurocysticercosis”
- M.A., 2014 University of Oregon  
Russian, Eastern European, and Eurasian Studies. Thesis: “Reproductive Health Before and After the Collapse of the Soviet Union”
- B.A., 2010 University of Oregon  
Biology; General Science; and Russian and East European Studies.  
Minor: Chemistry. Cum Laude

**FELLOWSHIPS, SCHOLARSHIPS, AND AWARDS**

- Sydney Brenner Research Fellowship. 2022
- Residency Fellowship. Brocher Foundation. 2022 (*declined*)
- Oregon Lottery Graduate Scholarship. Graduate School, Oregon State University. 2022
- Cain Dissertation Fellow. Science History Institute. 2022
- Maurice A. Biot Fund Grant-in-Aid. CalTech. 2021
- Oregon Lottery Graduate Scholarship. Graduate School, Oregon State University. 2021
- PhD Research Support Grant. American Institute for the History of Pharmacy. 2021
- Virtual Four-Month Doctoral Fellowship. Linda Hall Library. 2021
- W. Stull Holt Dissertation Fellowship. The Society for Historians of American Foreign Relations. 2021
- Small Grant Recipient. American Society for Legal History. 2020
- Oregon SYLFF Award for International Research. Ryoichi Sasakawa Young Leaders Fellowship Fund. 2020
- Phi Kappa Phi. Oregon State University. 2020
- Stephen Straker Memorial Fellowship. Columbia History of Science Group. 2020.
- Provost Scholarship. Oregon State University. 2019
- Critical Language Scholarship. Nizhny Novgorod, Russia-U.S. Department of State: fully funded and sponsored. 2019
- Stephen Straker Memorial Fellowship. Columbia History of Science Group. 2019
- Phi Beta Kappa. University of Oregon. 2010

- Commencement Speaker. University of Oregon. 2010
- Tatiana Gorokhovskaya Scholarship for Excellence in Advanced Russian. University of Oregon. 2010
- Critical Language Scholarship. Kaliningrad, Russia-U.S. Department of State: fully funded and sponsored. 2009
- Mortar Board. University of Oregon. 2008-2010
- CIEE Scholarship. University of Oregon. 2007
- National Society of Collegiate Scholars. University of Oregon. 2007-2010
- Dean's List. University of Oregon. 2005-2010
- Society of College Scholars. University of Oregon. 2005-2010
- Dean's Scholarship. University of Oregon. 2005-2010

## **RESEARCH AND PUBLICATIONS**

### **Research Languages**

Russian (full professional) and English (native)

### **Working Dissertation Title**

Bacteriophages and Antibiotics: The History of Cold War Politics of Antibiotic Resistance

### **Articles/Book Chapters**

- "The Soviet Resonance Controversy." *Visions of Linus Pauling*. World Scientific Publishing Company. September 2022. <https://doi.org/10.1142/12977> (Chapter 5)
- "Soviet Bad Science: The Microscopic Cold War Battle of Antibiotics." *The Hedgehog*. In progress.
- "Bacteriophages and Cholera: A story of Soviet medicine in the Cold War." *Distillations*. October 19, 2021. <https://bit.ly/3BmHhnY>

### **Book Reviews**

- The Soviet Union's Agricultural Biowarfare Programme: From Ploughshares to Swords by Anthony Rimmington. *Technology and Culture* (April 2022, Volume 63)
- Cold War Resistance: The International Struggle Over Antibiotics by Marc Landas. *Social History of Alcohol and Drugs* (Volume 36, Issue 1, 2022)
- Pharmapolitics in Russia: Making Drugs and Rebuilding the Nation by Olga Zvonareva. *Social History of Alcohol and Drugs* (Volume 35, 2021)
- The Environment and International History by Scott Kaufman. *Journal of Contemporary History* (Volume 56, 2021)

### **Short Essays**

2022

- "Horror in Fiction." Inspiration Dissemination. May 2, 2022 <https://bit.ly/38IQAWG>
- "Red, Red, (smoky) Wine." Inspiration Dissemination. April 24, 2022 <https://bit.ly/37UQ8Vb>

- “M.A. Student Kathleen McHugh Presents at Columbia History of Science Group.” Oregon State History and Philosophy of Science Blog. March 15, 2022 <https://bit.ly/3NfuDOI>
- “Ph.D. Candidate Presents at American Historical Association Conference (part 2).” Oregon State History and Philosophy of Science Blog. March 6, 2022 <https://bit.ly/3hIEQVt>
- “Ph.D. Candidate Presents at American Historical Association Conference (part 1).” Oregon State History and Philosophy of Science Blog. March 4, 2022 <https://bit.ly/3HMu7Uo>
- “M.A. Student Volunteers as Oregon History Day Judge.” Oregon State History and Philosophy of Science Blog. March 2, 2022 <https://bit.ly/3IN5Dvz>
- “Home Economics as a Science.” Inspiration Dissemination. February 13, 2022 <https://bit.ly/37P54UM>
- “New Review out for Ph.D. Candidate Aimee Dávila Hisey.” Oregon State History and Philosophy of Science Blog. February 10, 2022 <https://bit.ly/33mxuTW>
- “M.A. Student Set to Present at Several National Conferences.” Oregon State History and Philosophy of Science Blog. January 27, 2022 <https://bit.ly/3AECdwF>

2021

- “Book Review Published by PhD Candidate Aimee Dávila Hisey.” Oregon State History and Philosophy of Science Blog. November 16, 2021 <https://bit.ly/320woNd>
- “First Year History Master’s Students Learn About Professional Development.” Oregon State History and Philosophy of Science Blog. November 23, 2021 <https://bit.ly/3nNAkZB>
- “Ph.D. Candidate Wins Teaching Award.” Oregon State History and Philosophy of Science Blog. November 15, 2021 <https://bit.ly/3chJU09>
- “A Resonating-Valence-Bond Theory of Metals and Intermetallic Compounds, 1949.” The Pauling Blog. November 3, 2021 <https://bit.ly/3cM2u0Q>
- “The Nature of Intermolecular Forces Operative in Biological Processes, 1940.” The Pauling Blog. October 27, 2021 <https://bit.ly/3cHUU7m>
- “The Nature of Interatomic Forces in Metals, 1938.” The Pauling Blog. October 20, 2021 <https://bit.ly/30TCA8z>
- “The Theoretical Prediction of the Physical Properties of Many-Electron Atoms and Ions. Mole Refractions, Diamagnetic Susceptibility, and Extension in Space, 1927.” The Pauling Blog. October 13, 2021 <https://bit.ly/3pCKNZe>
- “Ava Helen Miller in Corvallis, 1921-1923.” The Pauling Blog. October 6, 2021 <https://bit.ly/3nvO2aj>
- “Ava Helen’s OAC.” The Pauling Blog. September 29, 2021 <https://bit.ly/3EpVpip>
- “Pauling’s OAC: Super Senior Year.” The Pauling Blog. September 22, 2021 <https://bit.ly/2XQYHLS>
- “Ph.D. Candidate Has New Book Review.” Oregon State University History and Philosophy of Science Blog. July 27, 2020 <https://bit.ly/3i4OC56>
- “Cancer and Vitamin C: Crossroads of New Research.” The Pauling Blog. July 7, 2021 <https://bit.ly/3r3rO8W>
- “Cancer and Vitamin C: A Major Conference.” The Pauling Blog. June 23, 2021 <https://bit.ly/3dG2GQ1>

- “Cancer and Vitamin C: The Mayo Clinic Trial.” The Pauling Blog. June 16, 2021 <https://bit.ly/3AnVnpV>
  - “Cancer and Vitamin C: Misnomers and More.” The Pauling Blog. June 9, 2021 <https://bit.ly/3wh7TUV>
  - “Cancer and Vitamin C: A Review of the Book.” The Pauling Blog. May 26, 2021 <https://bit.ly/3ia35NM>
  - “Optimal Health and the Synthesis of Vitamin C.” The Pauling Blog. May 19, 2021 <https://bit.ly/3bQGF0a>
  - “Why Vitamin C? The Scurvy Connection.” The Pauling Blog. May 12, 2021 <https://bit.ly/3ycOm2t>
  - “Why Vitamin C? Cancer Fighting Properties.” The Pauling Blog. May 5, 2021 <https://bit.ly/3wcg6dp>
  - “Reading ‘Cancer and Vitamin C.’” The Pauling Blog. April 28, 2021 <https://bit.ly/2R5QGPx>
  - “M.A. Student, Celia Oney, Presents at Columbia History of Science Group Annual Conference.” Oregon State University History and Philosophy of Science Blog. April 14, 2021 <https://bit.ly/3afwfpQ>
  - “Vitamin C and Health: New Frontiers.” The Pauling Blog. April 7, 2021 <https://bit.ly/3ecAbsA>
  - “Pauling’s Study of Schizophrenia: Pulling Back.” The Pauling Blog. March 31, 2021 <https://bit.ly/3sSbBDr>
  - “Pauling’s Study of Schizophrenia: Clashes with Jean Mayer.” The Pauling Blog. March 24, 2021 <https://bit.ly/3wuz6Vy>
  - “Aimee Dávila Hisey, History and Philosophy of Science Ph.D. Candidate has Book Review Published.” Oregon State University History and Philosophy of Science Blog. March 18, 2021 <https://bit.ly/3ws7U9L>
  - “Pauling’s Study of Schizophrenia: A Hearing Before the Connecticut State Senate.” The Pauling Blog. March 17, 2021 <https://bit.ly/3lrUNAg>
  - “Pauling’s Study of Schizophrenia: The Media.” The Pauling Blog. March 10, 2021 <https://bit.ly/3qW9JrH>
  - “Pauling’s Study of Schizophrenia: Support.” The Pauling Blog. March 3, 2021 <https://bit.ly/38d6beb>
  - “Pauling’s Study of Schizophrenia: Pushback.” The Pauling Blog. February 24, 2021 <https://bit.ly/3uxfi2y>
  - “Pauling’s Study of Schizophrenia: A Program of Work.” The Pauling Blog. February 17, 2021 <https://bit.ly/2M8TOI3>
  - “Pauling’s Study of Schizophrenia: A New Model Vitamin.” The Pauling Blog. February 10, 2021 <https://bit.ly/3asNjZS>
  - “Pauling’s Study of Schizophrenia: Origins from Hoffer and Osmond.” The Pauling Blog. February 3, 2021 <https://bit.ly/36L7YWZ>
- 2020
- “Pauling’s Seventh Paper on the Nature of the Chemical Bond.” The Pauling Blog. December 23, 2020 <https://bit.ly/2LyKYTw>
  - “Pauling’s Sixth Paper on the Nature of the Chemical Bond.” The Pauling Blog. December 16, 2020 <https://bit.ly/34n3ox2>

- “Pauling’s Fifth Paper on the Nature of the Chemical Bond.” The Pauling Blog. December 8, 2020 <https://bit.ly/2Jyj4pX>
- “Pauling’s Fourth Paper on the Nature of the Chemical Bond.” The Pauling Blog. December 2, 2020 <https://bit.ly/2Jyj4pX>
- “Pauling’s Third Paper on the Nature of the Chemical Bond.” The Pauling Blog. November 18, 2020 <https://bit.ly/3fbacC5>
- “PhD Candidate is Awarded Two Nationally Competitive Grants.” Oregon State University History and Philosophy of Science Blog. November 17, 2020 <https://bit.ly/3kN8cB0>
- “Pauling’s Second Paper on the Nature of the Chemical Bond.” The Pauling Blog. November 11, 2020 <https://bit.ly/3lqxeXT>
- “Pauling’s First Paper on the Nature of the Chemical Bond.” The Pauling Blog. November 4, 2020 <https://bit.ly/2I5jDqx>
- “Pauling’s OAC: A New Decade.” The Pauling Blog. October 28, 2020 <https://bit.ly/3jXWEuk>
- “Pauling’s OAC: A Maturing Relationship with Chemistry.” The Pauling Blog. October 21, 2020 <https://bit.ly/3mQluy8>
- “Pauling’s OAC, 192021: A True Junior Year.” The Pauling Blog. October 14, 2020 <https://bit.ly/3p8sgkW>
- “Two History of Science Graduate Students Win Oregon Lottery Scholarship.” Oregon State University History and Philosophy of Science Blog. October 13, 2020 <https://bit.ly/2JCpe8e>
- “The ‘Spanish Flu’ at OAC, 1918-1919.” The Pauling Blog. October 7, 2020 <https://bit.ly/364iHuy>
- “The Kennedy Assassination.” The Pauling Blog. September 30, 2020 <https://bit.ly/33nfBSg>
- “Pauling, Kennedy and Khrushchev: Public Interactions.” The Pauling Blog. September 23, 2020 <https://bit.ly/2Gah8If>
- “Graduate Student Experiences: A PhD Candidate’s Research Trip.” Oregon State University History and Philosophy of Science Blog. September 18, 2020 <https://bit.ly/33VYW7j>
- “Pauling, Kennedy and Khrushchev: Other Letters.” The Pauling Blog. September 16, 2020 <https://bit.ly/2G4Qmul>
- “Letters to Premier Khrushchev.” The Pauling Blog. September 9, 2020 <https://bit.ly/33XHvmP>
- “Letters to President Kennedy.” The Pauling Blog. September 2, 2020 <https://bit.ly/32YrqxW>
- “First Year M.A. Student Wins Prestigious Writing Award.” Oregon State University History and Philosophy of Science Blog. July 22, 2020 <https://bit.ly/330PIaQ>
- “The Soviet Resonance Controversy: Outside Views.” The Pauling Blog. July 15, 2020 <https://bit.ly/2WtlhpP>
- “The Soviet Resonance Controversy: Dying Embers.” The Pauling Blog. July 8, 2020 <https://bit.ly/38M2yLc>
- “The Soviet Resonance Controversy: Pauling Fights Backs.” The Pauling Blog. June 24, 2020 <https://bit.ly/2NAG2Lo>

- “The Soviet Resonance Controversy: Escalating the Attack on ‘Bourgeois Science.’” The Pauling Blog. June 17, 2020 <https://bit.ly/2V00rOg>
- “The Soviet Resonance Controversy: Beginnings.” The Pauling Blog. June 10, 2020 <https://bit.ly/3eal1mw>
- “Pauling Supports his Resonance Theory.” The Pauling Blog. June 3, 2020 <https://bit.ly/30K4MbT>
- “What is Resonance Theory?” The Pauling Blog. May 27, 2020 <https://bit.ly/2Xd7eFE>
- “Graduate School in the time of Covid-19” Oregon State University History and Philosophy of Science Blog. April 23, 2020 <https://bit.ly/3eKBsXp>
- “Interested in Nuclear History? Come Check Out OSU’s Nuclear History Book Club!” Oregon State University History and Philosophy of Science Blog. February 26, 2020 <https://bit.ly/39QHyCA>
- “Remembering Yuri Ovchinnikov, 1934-1988.” The Pauling Blog. February 19, 2020 <https://bit.ly/2U32tvB>
- “Remembering Frank Press.” The Pauling Blog. February 12, 2020 <https://bit.ly/37p3gMd>
- “Congratulations to the History of Science’s Newest M.A. Graduate!” Oregon State University History and Philosophy of Science Blog. January 13, 2020 <https://bit.ly/2FSqn6y>

2019

- “Pauling, the State Department, and the Right to Travel.” The Pauling Blog. December 18, 2019 <https://bit.ly/2QRaBPo>
- “Pauling and Sakharov.” The Pauling Blog. December 11, 2019 <https://bit.ly/2Ns5tiA>
- “Andrei Sakharov: An Overview.” The Pauling Blog. December 4, 2019 <https://bit.ly/2DMofvZ>
- “Congratulations to Dr. Anna Dvorak, OSU’s History of Science newest PhD!” Oregon State University History and Philosophy of Science Blog. December 3, 2019 <https://bit.ly/364zfkY>
- “Lawrence Brockway, 1907-1979.” The Pauling Blog. November 6, 2019 <https://bit.ly/37d9ekb>
- “Article Published by PhD Graduate, Emily Simpson.” Oregon State University History and Philosophy of Science Blog. October 31, 2019 <https://bit.ly/2Pf9TJN>
- “New Program Name 7 Years in the Making: History and Philosophy of Science.” Oregon State University History and Philosophy of Science Blog. October 1, 2019 <https://bit.ly/2B3hZOS>
- “The Lenin Peace Prize: Aftermath.” The Pauling Blog. September 11, 2019 <https://bit.ly/2nEB8nr>
- “Pauling’s Receipt of the Lenin Peace Prize.” The Pauling Blog. September 4, 2019 <https://bit.ly/2nA9Q1k>
- “Remembering Barbara Low.” The Pauling Blog. July 17, 2019 <https://bit.ly/2q2jLgZ>
- “Ideologies and U.S. Foreign Policy International History Conference: Day 2 Coverage.” History News Network. June 16, 2019 <https://bit.ly/2Oc6hI4>
- “Donald Trump and Ideology: Dr. James Lindsay Delivers the Governor Tom McCall Memorial Lecture.” History News Network. June 16, 2019 <https://bit.ly/2CLY47Y>

- “Master’s Student Receives Prestigious Writing Award.” Oregon State University History and Philosophy of Science Blog. May 16, 2019 <https://bit.ly/2MLLkmL>
- “The Collapse of Nuclear Disarmament and Nonproliferation Flash Panel.” Oregon State University History and Philosophy of Science Blog. February 27, 2019 <https://bit.ly/2oA9kRA>
- “Public Oral History Interview with Downwinder Trisha Pritikin.” Oregon State University History and Philosophy of Science Blog. January 15, 2019 <https://bit.ly/35kTVVI>

2018

- “Dr. Anita Guerrini Retires.” Oregon State University History and Philosophy of Science Blog. December 8, 2018 <https://bit.ly/2OFafL9>.
- “Dr. Anita Guerrini Wins Prestigious Pfizer Prize.” Oregon State University History of Science and Philosophy Blog. November 27, 2019 <https://bit.ly/2OMcoVc>
- “Biodiversity and The History of Scientific Environments.” Oregon State University History and Philosophy of Science Blog. November 11, 2019 <https://bit.ly/2IIBvV4>

2017

- “Informal Consultation on Post-Elimination Surveillance of Neglected Tropical Diseases” As Special Rapporteur June 13-14, 2017 Siem Reap, Cambodia. World Health Organization, Western Pacific Regional Office. <https://bit.ly/2AovMm4>
  - Listed as Miriam Breugh
- “Expert Consultation to Accelerate Elimination of Asian Schistosomiasis” As Special Rapporteur May 22-23, 2017 Shanghai, China. World Health Organization, Western Pacific Regional Office. <https://bit.ly/2ZRHqRo>
  - Listed as Miriam Breugh
- “Expert Consultation to Accelerate Control of Foodborne Trematode Infections, Taeniasis and Cysticercosis” As Special Rapporteur May 17-19, 2017 Seoul, Republic of Korea. World Health Organization, Western Pacific Regional Office. <https://bit.ly/3cigmNu>
  - Listed as Miriam Breugh

## **WORK EXPERIENCE**

October 2021-Present	Oregon State University-Honors College. Senior Essay Reader
Nov. 2020-Feb. 2021	Oregon State University-Honors College. Essay Reader
March 2019-Present	Oregon State University-Special Collections and Archives Research Center. Head Researcher and Writer for The Pauling Blog. <a href="https://paulingblog.wordpress.com/">https://paulingblog.wordpress.com/</a>
Sept. 2018-Present	Oregon State University-History Department. Graduate Teaching Fellow. U.S. History and World History courses
May 2017-Present	World Health Organization-Western Pacific Regional Office. Consultant on issues related to Neglected Tropical Diseases, Malaria, Risk Management, and Covid-19
Oct. 2015-July 2018	National Institutes of Health-Laboratory of Genitourinary Cancer Pathogenesis. Program Specialist (GS-09)(Series 0301)
Jan. 2013-March 2014	University of Oregon-Russian Department. Graduate Teaching Fellow. Spoken Russian and Soviet History courses
Jan. 2012-June 2012	University of Oregon-Academic Extension. IT Support Assistant

Sept. 2011-Dec. 2011	University of Oregon-Chemistry Department. Graduate Teaching Fellow. General Chemistry Lab course
Jan. 2010-June 2010	University of Oregon-Biology Department. Biology Fellow. Diseases of Africa course
Jan. 2009-March 2010	University of Oregon-Support Services for Student Athletes. Chemistry and Math Tutor
Sept. 2007-May 2008	Communicative Language School-St. Petersburg, Russia. English Language Instructor
Sept. 2007-May 2008	Yesod Jewish Community Center-St. Petersburg, Russia. English Discussion Leader

### **PROFESSIONAL CONSULTANCIES**

- Technical Writer, Editor, and Researcher, World Health Organization Western Pacific Regional Office and Korean Country Office. Neglected Tropical Diseases. 2021
- Technical Writer, World Health Organization Philippines Country Office. COVID-19 Response. 2020-2021
- Policy Writer, World Health Organization Western Pacific Regional Office. Risk Management. 2018
- Special Rapporteur, World Health Organization Western Pacific Regional Office-South Korea. FBT/Taeniasis Elimination. 2017
- Special Rapporteur, World Health Organization Western Pacific Regional Office-China. SCH Control. 2017
- Special Rapporteur, World Health Organization Western Pacific Regional Office-Cambodia. RPRG Conference on NTDs and Post Elimination Conference of NTDs. 2017

### **ORGANIZATIONAL MEMBERSHIP AND ACTIVITIES**

September 2022-Present	In Vivo Editorial Board Member. <i>Endeavour</i> .
December 2021-Present	Radio Host, Inspiration Dissemination. KBVR
October 2020-Present	Member, Association for Slavic, East European, and Eurasian Studies
October 2020-Present	Member, Society for Historians of American Foreign Relations
May 2020-Present	Member, American Society for Legal History
May 2020-Present	Editorial Board Member, The Oregon Encyclopedia

### **TEACHING EXPERIENCE**

Oregon State University

- HST 203: History of the United States (Instructor of Record)
- EAH 411: Perspectives in Environmental Arts and Humanities (Instructor of Record)
- HST 104: World History: Ancient Civilizations (Teaching Assistant)
- HST 103: History of Western Civilization (Teaching Assistant)
- HST 202: History of the United States (Teaching Assistant)

University of Oregon

- RUSS 121: Spoken Russian (Instructor of Record)
- CH 227: General Chemistry Laboratory (Instructor of Record)



## **INVITED TALKS**

October 2022

- History of Medicine Lecture Series. University College Dublin. “An Alternative to Antibiotics: Soviet Bacteriophage Therapy and its Role in Cold War Politics.”

## **CONFERENCE PRESENTATIONS**

May 2022

- Environmental Arts and Humanities Annual Conference. Oregon State University. *Working Title* “The Stages of Phages: From Therapy to Genetics, the Changing Values of Bacteriophages in the United States from the 1930s-1960s.”

May 2021

- Environmental Arts and Humanities Annual Conference. Oregon State University. “Penicillin’s Promise: The Rise of Resistance and the Fear of its Reality in the 1950s and 1960s.”

March 2019

- Columbia History of Science Group. Friday Harbor, Washington. Title: “What to Do When Bee Poop is the Answer?”

April 2014

- Association for Women in Slavic Studies Conference. Atlanta, Georgia. Title: “Sex Education and Contraceptive Acceptance: From the Soviet Union to Russia.”

July 2012

- Association for Medical Humanities Annual Conference. Cork, Ireland. Title: “Cholera in Russia in the Late Nineteenth Century: The Role of the Government, the People, and the Medical Community.”

## **INTERNSHIPS**

June 2021-January 2022

- Federal Bureau of Investigations (Portland Field Office. Analyst. Cleared for Top Secret Information and Granted Access to Sensitive Compartmented Information)

Jan. 2017-March 2017

- World Health Organization-Western Pacific Regional Office (Manila, Philippines. Malaria, Vectorborne, and Parasitic Diseases Unit. Focused on Malaria frameworks, Global Fund applications, and literature reviews for potential NTD candidate diseases)

Sept. 2012-Jan. 2013

- U.S. State Department-Student Internship Program (Moscow, Russia. Environment, Science, Technology, and Health Section. Reported to D.C. on health and science issues in Russia. Security Clearance)

**References Available upon Request**