

# CHRISTOPHER CHOGLUECK

Curriculum Vitae

5/9/24

215 Fitch Hall  
801 Leroy Place  
Socorro, New Mexico 87801  
Office #: (575) 835-5401

Email: [Christopher.ChoGlueck@nmt.edu](mailto:Christopher.ChoGlueck@nmt.edu)  
[Personal Webpage](#)/[LinkedIn](#)/[PhilPapers](#)  
Pronouns: he/his

## EMPLOYMENT

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### **New Mexico Institute of Mining and Technology (New Mexico Tech)**

Associate Professor of Ethics, tenure starting Aug. 2024.

Assistant Professor of Ethics, Aug. 2019 to May 2024.

*Department of Communication, Liberal Arts, and Social Sciences (CLASS)*

Responsible Conduct of Research Faculty Advisor, May 2021 to present.

*Office of Research*

Adjunct Faculty, Oct. 2022 to present.

*Department of Biology*

## EDUCATION

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### **Indiana University, Bloomington**

Ph.D. History and Philosophy of Science, Gender Studies minor, June 2019.

M.A. History and Philosophy of Science, Dec. 2016.

### **University of Notre Dame**

B.S. Environmental Science, Philosophy major, May 2014.

## SCHOLARLY INTERESTS

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Areas of Specialization: philosophy of science, feminist philosophy, biomedical ethics

Areas of Competence: technology ethics, public engagement, cybersecurity ethics

Research Topics: contraception, pharmaceutical drugs, reproductive health

## PUBLICATIONS

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### **Peer-reviewed Articles & Chapters**

10 ChoGlueck, C., and Lloyd, E.A. (2023). Values as Heuristics: A Contextual Empiricist Account of Assessing Values Scientifically. *Synthese*. 201, 220.

<https://doi.org/10.1007/s11229-023-04198-z> [Open access]

9 ChoGlueck, C., and Lloyd, E.A. (2023). Race and Gender in Research. In E. Di Nucci, J. Lee, I. A. Wagner (Eds), *The Rowman & Littlefield Handbook of Bioethics* (pp. 118-127). Rowman and Littlefield. [Full text]

- 8 Hangel, N., and ChoGlueck, C. (2023). On the Pursuitworthiness of Qualitative Methods in Empirical Philosophy of Science. *Studies in History and Philosophy of Science*. 98, 29-39. <https://doi.org/10.1016/j.shpsa.2022.12.009> [Email for full text]
- 7 ChoGlueck, C. (2022). Still No Pill for Men? Double Standards & Demarcating Values in Biomedical Research. *Studies in History and Philosophy of Science Part A*. 91: 66-76. <https://doi-org.nmt.idm.oclc.org/10.1016/j.shpsa.2021.11.010> [Open access\*]  
\*selected for Elsevier's Special Issue for International Women's Day 2022. <https://sdgresources.relx.com/articles/still-no-pill-men-double-standards-demarcating-values-biomedical-research>
- 6 ChoGlueck, C. (2022). The FDA Ought to Change Plan B's Label. *Contraception*. 106: 6-9. <https://doi.org/10.1016/j.contraception.2021.10.011> [Full text; Spanish translation available]
- 5 ChoGlueck, C. (2022). Imposing Values and Enforcing Gender through Knowledge: Epistemic Oppression with the Morning-after Pill's Drug Label. *Hypatia*. 37(2), 315-42. <http://www.doi.org/10.1017/hyp.2022.11> [Email for full text]
- 4 ChoGlueck, C. (2021). Drug Facts, Values, and the Morning-After Pill. *Public Affairs Quarterly*. 35(1), 51-82. <https://doi.org/10.2307/27009635> [Full text]
- 3 ChoGlueck, C. (2021). Broadening the Scope of Our Understanding of Mechanisms: Lessons from the History of the Morning-After Pill. *Synthese*. 198(3), 2223-52. <https://doi.org/10.1007/s11229-019-02201-0> [Full text]
- 2 ChoGlueck, C. (2018). The Error Is in the Gap: Synthesizing Accounts for Societal Values in Science. *Philosophy of Science*. 85(4), 704-25. <https://doi.org/10.1086/699191> [Full text]
- 1 Shrader-Frechette, K., & ChoGlueck, C. (2017). Pesticides, Neurodevelopmental Disagreement, and Bradford Hill's Guidelines. *Accountability in Research*. 24(1), 30- 42. <https://doi.org/10.1080/08989621.2016.1203786> [Full text]

## GRANTS & AWARDS

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2023	Visiting Scholar, International Summer Session, Chonnam National University (CNU), South Korea.
2022	Faculty Mentor, New Mexico INBRE Summer Experience (NISE).
2016—2019	Graduate Research Fellowship, National Science Foundation (NSF grant no. 1342962).
2019	Victor E. Thoren Graduate Student Research Fellowship, the Department of History and Philosophy of Science and Medicine, Indiana University.
2018	Travel Support Grant, National Science Foundation & History of Science Society.
2017	Travel Support Grant, National Science Foundation & International Society for History, Philosophy and Social Studies of Biology.
2016	Jesse Fine Fellowship, the Poynter Center for the Study of Ethics and American Institutions, Indiana University.
2016	Norwood Russell Hanson Prize, the Department of History and Philosophy of Science and Medicine, Indiana University.

## **FUTURE TALKS**

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Regulating Women's Reproductive Behaviors: Value-laden Mechanisms of Contraception and Abortion Pills. Symposium on Behavioral Mechanisms in Public Policy. Philosophy of Science Association (PSA). New Orleans, LA. Nov. 2024.

## **INVITED TALKS**

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- 9 Practical Philosophy of Science for Social Justice. Session on Kristin Shrader-Frechette's Lifetime Achievement Award. Society of Philosophy and Technology Conference. Tokyo, Japan. June 10, 2023.
- 8 The Plan B Label: How We Got Here, and What's Next. Webinar of expert panelists, hosted by the American Society for Emergency Contraception (ASEC). Jan. 17, 2023.
- 7 Contracepting Sperm: Doomed to Double Standards? Lightning talk. Regional Alliance of INBRE Networks (RAIN) Collaborative Research Studio. Reno, NV. June 6, 2022.
- 6 Invited commentary for invited session on Demarcating legitimate from illegitimate values in science. Annual Meeting of the American Philosophical Association, Central Division. Chicago, IL. Feb., 2022. [Cancelled, COVID]
- 5 Still No Pill for Men? Values in Research on Male Birth Control. Indiana University, Bloomington, Virtual Workshop on Ethical, Epistemological, and Historical Perspectives on Public Health and Wellness. May 26, 2021.
- 4 Tenuous Men and Our Tenuous Role in Birth Control. New Mexico Tech, Faculty Panel on Women's Empowerment, Prusin Humanities Lecture Series. Virtual webinar. September 29, 2020.
- 3 Keeping Women Ignorant & On the Pill: The Relationship Between Medical Information & Social Justice. Indiana University South Bend, Public Forum for the Women's and Gender Studies Program. South Bend, IN. February 1, 2019.
- 2 Drug Information & Injustice: Lessons about Informed Consent from the History of the Pill. University of Notre Dame, History and Philosophy of Science Colloquium Series. Notre Dame, IN. October 23, 2018.
- 1 The Error's in the Gap: Synthesizing Accounts for Values in Scientific Reasoning. Norwood Russell Hanson Prize Lecture, Indiana University, Dept. History and Philosophy of Science and Medicine. Bloomington, IN. February 2, 2017.

## **CONFERENCE PRESENTATIONS**

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### **Talks Presented (refereed)**

- 14 Pregnant Women as Vectors of Fetal and Financial Risk? Shifting Concepts, Values, and Labels at the US FDA. International Philosophy of Medicine Roundtable. Virtual. May 9, 2024.
- 13 Eroding Fetal-centric Pregnancy Labels: How Entrenched Values Have Shaped Drug Science at the FDA. History of the Philosophy of Pregnancy Conference, Dayton, Ohio. October 10, 2023.

- 12 Implications of Misinformation about Emergency Contraception. Annual Meeting of the Society of Family Planning. Symposium on Misinformation about the Mechanism of Action of Emergency Contraception: The Stakes for Access and Policy. Baltimore, MD. Dec. 5, 2022.
- 11 Values as Evidence? Prospects and Limits of Assessing Values Empirically. Co-authored with Elisabeth Lloyd. International Conference on Engaging Ethics and Epistemology in Science, Hannover, Germany. Sept. 30, 2022.
- 10 Is Helen Longino Even an Empiricist? Understanding Contextual Empiricism within Feminist Empiricism. Co-authored with Elisabeth Lloyd. Society for Philosophy of Science in Practice (SPSP), East Lansing, MI. July, 2020. [Cancelled, COVID]
- 9 Sexist Values and Epistemic Injustice in Medicine: The Case of the Morning-After Pill's Drug Label. Panel on Epistemic Injustice and Healthcare. Philosophy, Politics, and Economics Society (PPE). New Orleans, LA. March 13, 2020. [Cancelled, COVID].
- 8 The Long Road to Revising the Pregnancy Labels: Fetal-centrism and a Feminist Success Story at the FDA. Values in Medicine, Science, and Technology Conference. Richardson, TX. May 23, 2019.
- 7 What After the Morning-After Pill? Values, Patriarchy, and Epistemic Injustice in Medicine. Philosophy of Science Association (PSA). Seattle, WA. November 2, 2018.
- 6 "You are prejudicing your own case": Women as Experts, Users, and Disturbances at the 1970 Nelson Hearings on the Pill. History of Science Society (HSS). Seattle, WA. November 2, 2018.
- 5 What After the Morning-After Pill? Values, Paternalism, and Epistemic Injustice. Consortium for Socially Relevant Philosophy of/in Science and Engineering. Atlanta, GA. June 6, 2018.
- 4 Drug Facts and Value-laden Labels: The Pill, Informed Consent, and the FDA's New Patient Inserts. Values in Medicine, Science, and Technology Conference. Richardson, TX. May 19, 2018.
- 3 Why "How It Works" Has Mattered: The Values of Knowing the Morning-After Pill's Mechanism. Symposium on Contraceptive Controversies: Perspectives on Birth Control. International Society for History, Philosophy and Social Studies of Biology. Sao Paulo, Brazil. July 18, 2017.
- 2 What After the Morning After Pill? Values in the Science and Regulation of Contraception. Society of the Philosophy of Science in Practice (SPSP). Glasgow, NJ. June 18, 2016.
- 1 Academia and the Pesticide Industry: The Case of Neurodevelopmental Disagreement. The Collaboration Conundrum: Special Interests and Scientific Research. Notre Dame, IN. Nov. 6, 2015.

**Posters Presented** (\* for refereed, \*\*for invited)

- 5 Male Contraception: Why So Long? Student poster with Olivia Caffrey (lead author). NM INBRE Symposium. Santa Fe, NM. July 25, 2022.
- 4 \*Still No Pill for Men? Double Standards and Demarcating Values in Biomedical Research. Philosophy of Science Association (PSA). Virtual Session. Jan. 22, 2021.
- 3 \*Male Birth Control and Double Standards: Demarcating Values in Biomedical Research.

- Conceptual and Methodological Aspects of Biomedical Research. Prague. October, 2020. [Cancelled, COVID]
- 2 \*Drug Facts and Value-Laden Labels: Contraceptive Controversy at the FDA. Philosophy of Science Association (PSA). Atlanta, GA. Nov. 4, 2016.
- 1 \*\*Protecting At-risk People and Consulting for Federal Agencies: Childhood Pesticide Harms and EPA Weight-of-Evidence. With K. Shrader-Frechette. Socially Engaged Philosophy of Science. Philosophy of Science Association (PSA). Chicago, IL. Nov. 6, 2014.

## **MEDIA COVERAGE & INTERVIEWS**

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- 8 [“Amid the Battle over Abortion Rights, a Failure to Agree on How to Define Abortion.”](#) *STAT* (March 11, 2024) by Saima May Sidik.
- 7 [“Reproductive Health Clinicians Can Improve Access to Emergency Contraception.”](#) *Contraceptive Technology Update* (Nov. 1, 2023) interviewed by Melinda Young.
- 6 [“Masculinity, a Barrier to Co-Responsibility in Contraception.”](#) *Directa* [Catalonian magazine] (July 17, 2003) by Mariona Guijarro Ferrer.
- 5 [“FDA’s Change to Emergency Contraception Labeling Is Good News for Women.”](#) *Contraceptive Technology Update* (Feb. 1, 2023) interviewed by Melinda Young.
- 4 [“The Long Campaign to Turn Birth Control into the New Abortion.”](#) *Reveal* [radio podcast] aired on National Public Radio (Oct. 8, 2022, re-aired May 20, 2023) interviewed by Amy Mostafa.
- 3 [“Plan B Is at Risk in Post-Roe America.”](#) *Bloomberg* (July 7, 2022) by Riley Griffin.
- 2 “Future of America’s most popular emergency contraception is complicated by misinformation.” *CNN* (June 7, 2022) and *Scientific American* (June 8, 2022) by Sarah Varney.
- 1 [“Now Is the Time to Change Label on Emergency Contraceptives.”](#) *Contraceptive Technology Update*, Vol. 43, No. 6 (June 2022) interviewed by Melinda Young.

## **TEACHING EXPERIENCE**

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### **Undergraduate Courses (New Mexico Tech)**

- Ethics & Values in STEM*. Introductory level (Philosophy). Fall 2022, Fall 2021, Fall 2020 (x2), Spring 2020, & Fall 2019.
- Science & Gender*. Introductory level (Women’s/Gender Studies & Philosophy). Spring 2024, Fall 2023, Spring 2022, Spring 2021, & Fall 2020 (Independent Study).
- Philosophy of Bioethics*. Intermediate level (Philosophy). Required course for Biomedical Sciences program. Fall 2023, Fall 2022, Fall 2021, Fall 2020, & Fall 2019.
- Ethics of Computing and Information Technologies*. Intermediate level (Philosophy, Computer Science, and IT). Required course for CS/IT program. Spring 2024 (x2), Spring 2023 (x2), Spring 2022 (x2), Spring 2021 (x2), Spring 2020 (x2), & Fall 2019 (Independent Study).
- Technical Communication Community Service*. Independent study (Technical Communication). Required course for TC program. Spring 2022.

### **Graduate Courses (New Mexico Tech)**

*Cybersecurity Ethics and Law*. Graduate level (Cybersecurity & Philosophy). Core course for Transdisciplinary Cybersecurity program. Fall 2023, Fall 2022, & Fall 2021.

*Ethical and Social Issues in Science and Technology*. Graduate level (Public Engagement & Philosophy). Core course for Public Engagement, Communication, and Design program. Spring 2023.

### **Visiting Instructor (Chonnam National University, South Korea)**

*Ethics & Values in STEM*. Introductory level (Philosophy). Summer 2023.

### **Associate Instructor (Indiana University, Bloomington)**

*Evolution, Creationism, and Society*. College of Arts and Sciences core course. Introductory level. Fall 2014

*Evolution of the Modern University*. College of Arts and Sciences core course. Introductory level. Spring 2015

## **INSTITUTIONAL SERVICE**

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### **New Mexico Tech**

- 2023— Program Committee for BS/BA in Environmental Science (member)
- 2023— Accreditation Committee for HLC Area 2: Integrity & Ethics (member)
- 2023— Program Committee for BS in Information Technology (member)
- 2023— Program Committee for BS in Computer Science (member)
- 2022— Program Committee for MS in Public Engagement (member)
- 2021— Workshop series on Research Ethics @NMT (lead organizer)
- 2021— Program Committee for MS/PhD in Transdisciplinary Cybersecurity (member)
- 2021—2022 Society for Technical Communication (faculty adviser)
- 2021 Student Video Competition Committee (member)
- 2020— Student Tea Club (faculty adviser)
- 2020— Program Committee for BS in Biomedical Sciences (member)
- 2019— William D. Henderson Ethics Challenge Scholarship (adviser)
- 2019—2023 Diversity, Equity, & Inclusion Council (member)
- 2019—2022 Speaking series on Ethics & Leadership (adviser)
- 2019—2020 New MS in Communication, Design, and Public Engagement (co-developer)
- 2019 Minor in Philosophy (developer)

### **Indiana University, Bloomington**

- 2017—2019 Climate committee for HPS Graduate Student Association (member)
- 2016—2017 HPS Graduate Student Association (chair/president)

## **PROFESSIONAL SERVICE & AFFILIATIONS**

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### **External peer reviewing**

*British Journal of Philosophy of Science*

*Contraception*

*Endeavor*

*European Journal of Analytic Philosophy*

*European Journal of Philosophy of Science*

*Erkenntnis*

*History and Philosophy of the Life Sciences*

*Hypatia*

*Kennedy Institute of Ethics Journal*

*Perspectives on Sexual and Reproductive Health*

*Philosophy of Medicine*

*Philosophy of Science*

*Principia*

*Studies in History and Philosophy of Science Part A*

*Studies in History and Philosophy of Biology & Biomedical Science Part C*

*Synthese*

*THEORIA*

### **Conference reviewing**

Values in Medicine, Science, and Technology Conference, University of Texas, Dallas.

Graduate Student Conference on History and Philosophy of Science and Medicine, Indiana University, Bloomington.

### **Member**

American Philosophical Association (APA)

Consortium for Socially Relevant Philosophy of/in Science and Engineering (SRPoiSE)

International Society for the History, Philosophy, and Social Studies of Biology (ISH)

International Philosophy of Medicine Roundtable

Philosophy of Science Association (PSA)

Philosophy, Politics, and Economics Society (PPE)

## **PUBLIC ENGAGEMENT & COMMUNITY EDUCATION**

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### **Reproductive Health & Emergency Contraception**

*Expert Panel*

“The Plan B Label: How We Got Here, and What's Next” Webinar hosted by the American Society for Emergency Contraception (1/17/23)

### **Research Ethics Series @NMT**

*Public Talks*

“Basics of Responsible Research” (2/14/24, 9/21/23)

“Misconduct & Whistleblowing” (9/13/22)

“Conflicts of Interest & Sponsorship Bias” (9/21/21, 10/19/23)

*Workshops*

“Implicit Bias in the STEM Workplace” (3/1/24, 11/10/22)

“Mentoring for Diversity” (11/10/23)

“Ethics Q/A” (4/10/23)

“Engaging the Public” (3/30/23)

“The Power of Authorship” (2/14/23)

“Data Management & Sharing Q/A” (10/20/22)

“Replication & Responsibility” (4/12/22)

“Data Management: Integrity & Transparency” (11/9/21)

*Panels*

“Intellectual Property Rights & Responsibilities” (4/4/24)

“Responsible Mentoring” (2/17/22)

**Diversity, Equity, and Inclusion Workshops**

“Implicit Bias in the STEM Workplace” (3/1/24, 11/10/22)

“Mentoring for Diversity” (11/10/23)

“Tech Bro Culture & Its Problems” (5/3/22)

“How to Be an Ally to Survivors of Sexual Assault” (4/6/21)

“*Picture a Scientist*, Masculinity Group” (2/14/21)

**Public Philosophy**

“Hysterical Housewives, Radical Feminists, and The Gendering of Expertise About The Pill.”  
*Lady Science* [magazine] 54 (2019). [[Online](#), [reprinted](#)]