

DANIEL B. THIEL

Curriculum vitae September 2020

University of Michigan, School of Public Health
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EDUCATION

- 2021 Ph.D., Sociology & Health Services Organization and Policy
Department of Sociology, College of Literature, Science and the Arts
Department of Health Management and Policy, School of Public Health
University of Michigan, Ann Arbor
- Committee: Rachel Kahn Best (Sociology co-chair), Holly Jarman (HSOP co-chair), Sarah Burgard (Soc), Melissa Creary (HSOP), Sharon L.R. Kardia (Epidemiology)
Dissertation: "A CRISPR View of Human Genome Editing in the 21st Century"
- 2004 M.A., Philosophy (A.B.D.)
Stony Brook University, Stony Brook, NY
- 1997 B.A., Philosophy
University of California at Berkeley

Research Specializations: Ethical, Legal and Social Issues (ELSI) in Genomics, Sociology of Health and Healthcare, Research Ethics, Biobanks, Community Engagement

PROFESSIONAL APPOINTMENTS

Full-time Faculty

- 2009-10 Substitute Lecturer, Philosophy
John Jay College of Criminal Justice, New York, NY
- 2005-07 Humanities and Philosophy Instructor (Tenure Track)
College of Alameda, Alameda, CA

Related Employment

- 2010-14 Assistant Director, Life Sciences and Society Program
School of Public Health, University of Michigan

PUBLICATIONS

Refereed Journal Articles

- 2017 Creary M, **Thiel D**, Eisen A. "Social Meaning and the Unintended Consequences of Inclusion" *American Journal of Bioethics* Sept., Vol. 17, Iss. 9
- 2017 Platt T, Platt J, **Thiel D**, Kardia SLR. "Engaging a State: Facebook Comments on a Large Population Biobank" *Journal of Community Genetics* Vol.8(3), pp.183-197. doi:10.1007/s12687-017-0302-z

- 2016 Chalmers D, Nicol D, Kaye J, Bell J, Campbell AV, Ho CWL, Kato K, Minari J, Ho C, Mitchell C, Molnár-Gábor F, Otlowski M, **Thiel D**, Fullerton SM and Whitton T. "Has the Biobank Bubble Burst? Withstanding the Challenges for Sustainable Biobanking in the Digital Era" BMC Medical Ethics Vol.17(39) doi:10.1186/s12910-016-0124-2
- 2016 Platt T, Platt J, **Thiel D**, Kardia SLR. "Facebook Advertising Across an Engagement Spectrum: A Case Example for Public Health Communication" JMIR Public Health Surveill, Vol. 2(1):e27, doi:10.2196/publichealth.5623
- 2016 Platt J, Kardia SLR, **Thiel D**, SW Choi. "Innovating Consent for Pediatric HCT patients" Bone Marrow Transplantation, doi:10.1038/bmt.2016.10
- 2015 **Thiel D**, Platt J, Platt T, King S, Fisher N, Shelton R, Kardia SLR. "Testing an Online, Dynamic Consent Portal for Large Population Biobank Research" Public Health Genomics, Vol. 18(1), doi: 10.1159/000366128
- 2014 **Thiel D**, Platt J, Platt T, King S, Kardia SLR. "Community Perspectives on Public Health Biobanking: an Analysis of Community Meetings on the Michigan BioTrust for Health" Journal of Community Genetics, Vol. 5(2), doi: 10.1007/s12687-013-0162-0
- 2014 Platt T, Platt J, **Thiel D**, Fisher N, Kardia SLR. "'Cool! and Creepy': Engaging with College Student Stakeholders in Michigan's Biobank" Journal of Community Genetics, Vol. 5(4), doi:10.1007/s12687-014-0190-4
- 2013 Platt J, Platt T, **Thiel D**, Kardia SLR. "'Born in Michigan? You're in the Biobank': Engaging Population Biobank Participants through Facebook Advertisements" Public Health Genomics, Vol. 16(4), doi: 10.1159/000351451

Other Publications

- 2014 Mongoven M, Kardia SLR, Thiel D, Platt T, Platt J. "You Can't Opt Out If You Don't Know You Are In" Letter to the editor, Re: Parental Permission for Pilot Newborn Screening Research: Guidelines From the NBSTRN, Botkin et al. on behalf of the Bioethics and Legal Work Group of the Newborn Screening Translational Research Network, Pediatrics 2014; 133:2 e410-e417

Manuscripts in Preparation

Thiel D, Platt J, Platt T, Kardia SLR. "Beyond Demographics: Ideology, Privacy Concerns and Proximity as Predictors of Support and Opposition to a Population Biobank"

Thiel D, M Creary. "A Critical Turn for Genomics and Public Health"

FELLOWSHIPS, AWARDS AND HONORS

- 2018-20 Pre-doctoral Fellow, NHGRI T32 Training Program in ELSI Research, UM
2015 International Travel Grant, Rackham Graduate School, UM

2015	Rackham Summer Training Award, Institute for Social Research, UM
2015	Bursary for Early Career Researchers, Nuffield Department of Population Health, University of Oxford, UK
2014-16	National Research Service Award Fellow, Agency for Healthcare Research and Quality (AHRQ), UM
2010	Certificate of Recognition for “encouragement and guidance” of Dean’s list students, John Jay College of Criminal Justice
2006	“Teacher of the Month,” College of Alameda
2003	Morris Cohen Teaching Award, Philosophy Department, Stony Brook U
2002-04	Curriculum Development Award, Learning Communities Program, Stony Brook U
2002-04	University Learning Communities Teaching Fellow, Stony Brook U
2001-02	Doctoral Program Exchange Award (École Normale Supérieure, Paris, France), Philosophy Department, Stony Brook U

INVITED PRESENTATIONS

2020	“Who Supports a Gene-edited Future?: Evidence from a U.S. National Survey”: NHGRI Centers for Excellence in ELSI Research, Webinar (January 29)
2018	“Gene Editing: Ethical and Societal Considerations”: Michigan Synthetic Biology Team Panel Discussion on The Ethics of Gene Editing, University of Michigan (September 21)
2018	“How Far is Too Far With CRISPR?: Ethical and Societal Considerations” Sigma Xi Research Ethics Symposium: The Implications of Gene Modifications - CRISPR, University of Michigan, Ann Arbor (April 19)
2018	“What Can Be Done With CRISPR and Should We Do It Anyway?” Designer Genes? Genetic Engineering in the Age of CRISPR, University of Michigan Museum of Natural History Science Café, Ann Arbor, MI (April 11)
2015	"Ensuring Biobank Value through Effective Utilization" (Invited panelist) Leaders in Biobanking Congress, Toronto, Canada (July 14 - 16)
2015	"Is there a web-based solution to the challenge of informed consent and re-consent of legacy biobank samples?" Leaders in Biobanking Congress, Toronto, Canada (July 14 - 16)
2012	“Exploring the Michigan BioTrust for Health: Ethics, Policy and Public Opinion” Adrian College, Adrian, MI (September 18)

CONFERENCE PRESENTATIONS AND POSTERS

2020	“Is the American public optimistic, fearful, or undecided about future uses of gene-editing?: Evidence from a national survey” NHGRI Trainees meeting, Virtual Meeting (COVID-19) (March 31)
2019	“From Biobanking to CRISPR Genome Editing: My First Decade in the ELSI-verse” NHGRI Centers for Excellence in ELSI Research (CEER) Annual Meeting, Salt Lake City, UT (April 30 - May 1)
2019	“Skin (and data) in the game” (poster) NHGRI T32 Trainee Meeting, St. Louis, MO (April 7 - 9)
2015	“Could a web-based informed consent portal help address the awkwardness surrounding “legacy” biobanks?” Translation in Healthcare: Exploring the Impact

- of Emerging Technologies Conference, University of Oxford, England (June 23 - 25)
- 2015 “En-Trusting: Multi-Pronged Community Engagements on the Michigan BioTrust” Co-presenter with Jodyn Platt, Ph.D. University of Michigan and Ann Mongoven, Ph.D. Michigan State University, Socially Relevant Philosophy of/in Science and Engineering, 2nd Annual Meeting, Detroit, MI (March 27)
- 2013 “A Multi-Venue Study of Public Deliberation on Public Biobanking.” Society for Social Studies of Science (4S) Annual Meeting, San Diego, CA, (October 9 - 12)
- 2013 “Can Consent Policies Respect Diverse Values?” (Poster) Why We Can’t Wait: Second Annual Conference to Eliminate Health Disparities in Genomic Medicine, San Francisco, CA, (May 29 - 31) (co-authored with J Platt, T Platt, S King, & S.L.R. Kardia)
- 2013 “Which Research? Public Engagement and Opinions about the Research Use of Biobank Samples” Center for Bioethics and Social Science in Medicine Research Colloquium, University of Michigan, Ann Arbor (April 17) (Co-Presented with C. Dan Myers)
- 2011 “Town Hall and Online Responses to Informed Consent Models for Public Health Biobanks,” 2011 ELSI Congress, University of North Carolina at Chapel Hill, (April 12 - 14)
- 2010 “Town Hall Responses to Informed Consent Models for Public Health Biobanks.” 4th National Conference on Genomics and Public Health: Using Genomic Information to Improve Health Now and in the Future, (December 8 - 12)
- 2004 “From Practices to Negative Philosophy: On Wittgenstein’s Influence on Bourdieu.” Society for Phenomenology and Existential Philosophy annual conference. Memphis, TN, (October 28)

CAMPUS TALKS

- 2020 “Is the American public optimistic, fearful, or undecided about future uses of gene editing?: Evidence from a national survey” Medicine, Aging, Science and Health workshop, University of Michigan, Department of Sociology (March 9)
- 2019 “Genetic Engineering in Humans” Guest lecture in Health Behavior and Health Education 669, University of Michigan, Ann Arbor (December 4)
- 2012 “The Michigan BioTrust for Health: Facts, Figures and Community Views,” Undergraduate Research Opportunity Program Occasional Speakers Series, University of Michigan, Ann Arbor, (March 7)
- 2005 “On National Mythologies.” Constitution Day Symposium, College of Alameda, Alameda, CA (September 16)
- 1999 “Skepticism: From Cartesian Doubt to *The Matrix*.” Presentation to prospective undergraduate philosophy majors, Stony Brook University, (October 15)

RESEARCH EXPERIENCE

- 2018-19 “The Lifecycle of Health Data: Policies and Practices” (1-R01-CA-214829-01-A1) S. Kardia, P.I. Role: Graduate Student Research Assistant
- 2010-15 “Linking Community Engagement Research to Public Health Biobank Practice,” National Institutes of Health (R01 HD067264) S. Kardia, P.I., 12/20/10-11/30/15. Total Direct Costs \$2,612,312. Role: Research Coordinator

2009-12 "Informed Consent and Data Access Issues in State-based Biobanks," National Institutes of Health (RC1 HG005439), S. Kardia, P.I., 09/26/09-01/31/12, Total Direct Costs \$899,991 Role: Research Coordinator

GRANT WRITING

2014 Co-author/editor NIH R01 submission, "Terms and Conditions: Weaving a Strong Trust Fabric for Learning Health Systems" School of Public Health, University of Michigan (June)

2014 Co-author/editor AHRQ R21 submission, "Caregiver Deliberations to Improve Pediatric Oncology Policy and Practice" School of Public Health, University of Michigan (February)

2013 Lead author/editor NIH R21 Submission, "Next Generation Informed Consent Meets mHealth" School of Public Health, University of Michigan (February)

2006 Co-author American Association of Community Colleges Horizons submission for a campus-wide service-learning project (funded), College of Alameda

TEACHING EXPERIENCE

Full-time Faculty

2009-10 John Jay College of Criminal Justice, New York, NY
Courses taught: Philosophy of Rights; Utopian Thought; Ethics and Law; Introduction to Philosophy; Judicial and Correctional Ethics; Pre-Law Summer Institute "Boot Camp"

2005-07 College of Alameda, Alameda, CA
Courses taught: Introduction to Humanities; Logic; Human Values: Ethics; Myth, Symbol & Folklore; Future Studies

Part-time Teaching and Assisting

2016-20 University of Michigan, Ann Arbor, MI
 Introduction to Public Health (G.S.I.)
 Population Health Determinants and Disparities (G.S.I.)
 Sociology of Bioethics (Grader)
 Public Health Systems: Achievements and Challenges (G.S.I.)

1998-05 Stony Brook University, Stony Brook, NY
Courses taught (Philosophy): Concepts of the Person; Moral Reasoning; Politics and Society; Logical and Critical Reasoning; Existentialism (Assisted)
Courses taught (Learning Community Freshman Seminars): Political Freedom; Ecology and Society; Critical Thinking; Ecology, Economics and Society

2004-05 LaGuardia Community College, Long Island City, NY
Courses taught: Introduction to Philosophy; Critical Thinking

ADDITIONAL TRAINING

2020 Graduate Teacher Certificate, Center for Research on Learning and Teaching, University of Michigan

- 2018 Race and Ethnicity Learning Community for Graduate Student Instructors, College of Literature, Science and Arts and Center for Research on Learning and Teaching, University of Michigan
- 2015 Mixed Methods Research Workshop - Michigan Mixed Methods Research and Scholarship Program (M³RSP), University of Michigan
- 2015 Focus Group Methodology – Institute for Social Research Summer Institute for Survey Research Techniques, University of Michigan
- 2009 Writing Intensive Course Instructor Training, John Jay College
- 2001-02 Doctoral research year abroad, École Normale Supérieure, Paris, France

UNIVERSITY SERVICE AND PROFESSIONAL ACTIVITY

Manuscript Review

Genetics in Medicine, Public Health Genomics, Biopreservation and Biobanking, Journal of Community Genetics

Program Leadership

- 2006-07 Coordinator: grant-funded faculty and student learning community (College of Alameda)

Student Advising

- 2009-10 Faculty advisor to Undergraduate Philosophy Club (John Jay College)
- 2007 Faculty advisor to Undergraduate Ecology Club (College of Alameda)
- 2003-05 Academic advisor for Learning Communities freshman seminar students (Stony Brook University)

Curriculum Development

- 2018 Instructional Team member for Center for Research on Learning and Teaching's Course Design Institute and Foundational Course Initiative focused on revamping Public Health 200 (University of Michigan)
- 2006 Redesigned "Introduction to Humanities" curriculum for grant-funded program (College of Alameda)
- 2003-05 Developed freshman seminars linking skills, content and goals with affiliated Learning Community courses (Stony Brook University)

Shared Governance

- 2006-07 Advisory panel member for a 'Student Success Initiative' to coordinate all special programs and develop a center for teaching and learning excellence (College of Alameda)

PROFESSIONAL MEMBERSHIPS

American Public Health Association (APHA), American Sociological Association (ASA), AcademyHealth, American Society for Bioethics and Humanities (ASBH)

LANGUAGES

French, Intermediate; German, Beginner

Recent Teaching References

Al Franzblau, M.D.
Professor, Environmental Health Sciences
Associate Professor, Emergency Medicine
Associate Research Scientist, Center for
Ergonomics
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Emily Youatt, Ph.D., MPH
Clinical Assistant Professor, Health Behavior &
Health Education
Director, Office of Undergraduate Education
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Raymond G. De Vries, Ph.D.
Professor of Learning Health Sciences
Co-Director of the Center for Bioethics and
Social Sciences in Medicine
Professor of Sociology
Professor of Obstetrics and Gynecology
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Research References

Sharon Kardia, Ph.D.
Millicent W. Higgins Collegiate Professor of
Epidemiology
University of Michigan, School of Public Health
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Holly Jarman, Ph.D.
John G. Searle Assistant Professor, Department
of Health Management & Policy
University of Michigan, School of Public Health
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Rachel Kahn Best, Ph.D.
Assistant Professor, Department of Sociology
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Management & Policy
University of Michigan, School of Public Health
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mcreary@umich.edu