

## MICHELLE N. MEYER

Geisinger Health System  
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(570) 214-3380

### EDUCATION

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#### Harvard Law School, J.D., 2006

*Harvard Law Review*, Editor, 2004–2006

*Harvard Law Review Forum*, Founding Co-Editor, 2005–2006

*Civil Rights-Civil Liberties Law Review*, General Editor, 2003–2004

#### University of Virginia, Ph.D., 2003, M.A., 1998, Religious Studies

Louisville Institute Dissertation Fellowship, 2001–2002

Presidential and DuPont Fellowship, 1996–1999

DuPont Fellowship, 1996–1999

Dissertation: *Finitude, Transcendence, and Ethics: Sartrean-Niebuhr Resources for*

*Understanding Difference and Dominance* (James F. Childress, chair; John D. Arras, outside reader (philosophy))

Zora Neale Hurston Prize, 1999 (best Studies in Women & Gender essay)

#### Dartmouth College, A.B., *summa cum laude*, 1996

General honors: Phi Beta Kappa; Rufus Choate Scholar

Highest Honors for Religious Studies thesis (Ronald M. Green, advisor)

Charles Howard Dudley Prize in Religion

Moral Philosophy minor

### POSTDOCTORAL TRAINING

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#### Harvard Law School

*Academic Fellow*, Petrie-Flom Center for Health Law Policy, Biotechnology & Bioethics Cambridge, MA 2010–2013

#### Johns Hopkins University

*Greenwall Fellow in Bioethics and Health Policy*, Berman Institute of Bioethics Baltimore, MD 2007–2010

#### U.S. Court of Appeals for the Eleventh Circuit

*Law Clerk* to the Hon. Stanley Marcus Miami, FL 2006–2007

#### John F. Kennedy School of Government, Harvard University

*Research Fellow* Cambridge, MA 2002–2003

### CURRENT APPOINTMENT

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#### Geisinger Health System

*Assistant Professor*, Center for Translational Bioethics and Health Care Policy Danville, PA Sept. 2016–

*Associate Director, Research Ethics* Sept. 2016–

### PAST APPOINTMENTS

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Clarkson University<sup>§</sup>–Icahn School of Medicine at Mt. Sinai Bioethics Program Schenectady, NY 2013–2016  
*Assistant Professor and Director of Bioethics Policy*

<sup>§</sup> In 2016, Union Graduate College merged with Clarkson University

<b>Albany Law School</b> <i>Adjunct Faculty</i>	Albany, NY Fall 2015–2013
<b>Institute of Advanced Study in Toulouse</b> <i>Visiting Scholar</i>	Toulouse, France Dec. 2013
<b>Petrie-Flom Center for Health Law Policy, Biotechnology, and Bioethics</b> <b>Harvard Law School</b> <i>Lecturer on Law</i>	Cambridge, MA 2011–2012
<b>Nelson A. Rockefeller Institute of Government</b> <i>Institute Fellow</i>	Albany, NY 2009–2011
<b>Union Graduate College–Mt. Sinai School of Medicine Bioethics Program</b> <i>Visiting Assistant Professor</i>	Schenectady, NY 2009–2010

## JOURNAL ARTICLES

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- James J. Lee, et al., Gene discovery and polygenic prediction from a 1.1-million-person GWAS of educational attainment, *Nature Genetics* (in press)
- Marc S. Williams, et al., Implementation of patient-centered precision health in a learning healthcare system: the Geisinger experience with genomic medicine, *Health Affairs* (in press)
- Michelle N. Meyer**, *Practical Tips for Ethical Data Sharing*, ADVANCES IN METHODS AND PRACTICES IN PSYCHOLOGICAL SCIENCE (advance online publication Feb. 23, 2018)
- Adam H. Buchanan, Kandamurugu Manickam, **Michelle N. Meyer**, et al., *Early Cancer Diagnoses through BRCA1/2 Screening of Unselected Adult Biobank Participants*, GENETICS IN MEDICINE (advance online publication Oct. 26, 2017)
- Holly Fernandez Lynch & **Michelle N. Meyer**, *Regulating Research with Biospecimens under the Revised Common Rule*, 47 HASTING CENTER REP. 3 (2017)
- Michelle N. Meyer**, *Pregnancy Exclusions, Posthumous Pregnancy, and the Constitution*, LAHEY HEALTH J. MED. ETHICS 6 (Spring 2016)
- Aysu Okbay, et al., *Genome-Wide Association Study Identifies 74 Loci Associated with Educational Attainment*, 533 NATURE 539 (May 26, 2016)
- Aysu Okbay, et al., *Genetic Variants Associated with Subjective Well-Being, Depressive Symptoms and Neuroticism Identified Through Genome-Wide Analyses*, 48 NATURE GENETICS 624 (June 2016)
- Michelle N. Meyer**, *Above the (Public Health) Law?: Healthcare Worker Deception & Disobedience in a Time of Distrust*, 5 J. OF LAW (4 THE POST) 121 (2015), <http://goo.gl/FRqsQv>
- Michelle N. Meyer**, *Two Cheers for Corporate Experimentation: The A/B Illusion and the Virtues of Data-Driven Innovation*, 13 COLORADO TECH. LAW J. 273 (2015)
- Michelle N. Meyer**, John Lantos, Alex John London, Amy L. McGuire, Udo Schuklenk, Lance Stell, *Misjudgements Will Drive Social Trials Underground*, NATURE, July 16, 2014 (signed by an additional 28 ethicists)
- Michelle N. Meyer**, *Regulating the Production of Knowledge: Research Risk-Benefit Analysis and the Heterogeneity Problem*, 65 ADMIN. L. REV. 237 (2013)
- Selected for 2011 Health Law Scholars Workshop, co-sponsored by American Society of Law, Medicine, and Ethics (ASLME) and St. Louis University School of Law's Center for Health Law Studies

- Michelle N. Meyer**, *Are You Ready for Some...Research? Uncertain Diagnoses, Research Data Privacy, & Preference Heterogeneity*, 3 J. OF LAW (3 THE POST) 99 (2013), <http://goo.gl/MpX61A>
- Niels A. Rietveld, et al., *GWAS of 126,559 Individuals Identifies Genetic Variants Associated with Educational Attainment*, 340 (6139) SCIENCE 1467 (May 30, 2013)
- Michelle N. Meyer**, *From Evidence-Based Medicine to Evidence-Based Practice*, 43 HASTINGS CENTER REP. 11 (March–April 2013)
- Michelle N. Meyer**, *The Subject-Researcher Relationship: In Defense of Contracting Around Default Rules*, 11 AM. J. OF BIOETHICS 27 (2011)
- Michelle N. Meyer**, *Against One-Size-Fits-All Research Ethics*, Policy and Politics Column, 40 HASTINGS CENTER REP. 10 (2010)
- Michelle N. Meyer & James W. Fossett**, *The More Things Change: The New NIH Guidelines on Human Stem Cell Research*, 19 KENNEDY INST. OF ETHICS J. 289 (2009)
- Michelle N. Meyer**, *The Kindness of Strangers: The Donative Contract Between Subjects and Researchers and the Non-Obligation to Return Individual Results of Genetic Research*, 8 AM. J. OF BIOETHICS 44 (2008)
- Michelle N. Meyer**, Note, *The Plaintiff as Person: Cause Lawyering, Human Subject Research, and the Secret Agent Problem*, 119 HARV. L. REV. 1510 (2006)
- Cited as recommended reading in *THE GREEN BAG'S ALMANAC OF EXEMPLARY LEGAL WRITING OF 2006*
- Michelle N. Meyer**, Comment, *Icelandic Supreme Court Holds That Inclusion of an Individual's Genetic Information in a National Database Infringes on the Privacy Interests of His Child: Guomundsdottir v. Iceland*, 118 HARV. L. REV. 810 (2004)
- John C. Fletcher, **Michelle N. Meyer**, John M. Benson & Charles E. Denk, *When and Why Do Virginians Choose to Terminate Treatment?*, VA. MED. Q. 112 (Spring 1998)

#### BOOK CHAPTERS AND OTHER WORKS IN A COLLECTION

- 
- Michelle N. Meyer**, *Ethical Considerations When Companies Study—and Fail to Study—their Customers*, CAMBRIDGE HANDBOOK OF CONSUMER PRIVACY (Jules Polonetsky, Omer Tene & Evan Selinger, eds.) (in press, forth. April 2018)
- Michelle N. Meyer**, *Three Challenges for Risk-Proportionate (Research) Regulation: Heterogeneity Among Regulated Entities, Regulator Bias, and Stakeholder Heterogeneity*, in THE FUTURE OF HUMAN SUBJECTS RESEARCH REGULATION (I. Glenn Cohen & Holly Fernandez Lynch eds., MIT Press 2014)
- David Lazer & **Michelle N. Meyer**, *DNA and the Criminal Justice System: Consensus and Debate*, in DNA AND THE CRIMINAL JUSTICE SYSTEM: THE TECHNOLOGY OF JUSTICE 357 (David Lazer ed., MIT Press 2004)
- Michelle N. Meyer**, *Summary of Presentations on Religious Perspectives Relating to Research Involving Human Stem Cells, May 7, 1999*, in 1 ETHICAL ISSUES IN HUMAN STEM CELL RESEARCH 99 (National Bioethics Advisory Commission ed., 1999)
- John C. Fletcher, **Michelle N. Meyer** & Brian Wispelwey, *AIDS and Ethics: Clinical, Social, and Global*, in TEXTBOOK OF AIDS MEDICINE 951 (Thomas C. Merigan et al. eds., 2nd ed. 1999)
- John C. Fletcher, **Michelle N. Meyer** & Howard P. Gutgesell, *Ethical Issues in Diagnosis and Treatment of Fetal and Neonatal Cardiac Disease*, in FETAL ECHOCARDIOGRAPHY 375 (Darla B. Hess & L. Wayne Hess eds., 1998)

## SELECT SHORTER WORKS

**Michelle N. Meyer**, *No, Donating Your Tissue to Research Isn't Like Letting Someone Rifle Through Your Phone*, FORBES.COM, Dec. 31, 2015

**Michelle N. Meyer** & Christopher Chabris, *Please, Corporations, Experiment on Us*, NEW YORK TIMES, June 19, 2015

**Michelle N. Meyer** & Christopher Chabris, *Why Psychology's Food Fight Matters*, SLATE, July 31, 2014 (translated and reprinted as *Les chercheurs en psychologie s'écharpent, et nous ne devrions pas nous en laver les mains*, SLATE.FR, Oct. 1, 2014)

**Michelle N. Meyer**, *Everything You Need to Know About Facebook's Controversial Emotion Experiment*, WIRED, June 30, 2014

**Michelle N. Meyer** & Christopher Chabris, *Government: When Push Comes to Nudge*, L.A. TIMES, Sept. 29, 2013 (reprinted in *Dallas Morning News*)

James W. Fossett & **Michelle N. Meyer**, *Stem Cell Policy as Bar Room Brawl: A Round in the Courts*, The Nelson A. Rockefeller Institute of Government, Aug. 2011, <http://goo.gl/Jmiqkc>

James W. Fossett & **Michelle N. Meyer**, *Bioethics Panel's Role May Be Small on Policy, Big on Issues*, The Nelson A. Rockefeller Institute of Government, July 2009, <http://goo.gl/4i9Gta>

**Michelle N. Meyer**, *States' Regulation of Assisted Reproductive Technologies: What Does the U.S. Constitution Allow?*, The Nelson A. Rockefeller Institute of Government, July 2009, <http://goo.gl/JBm3E9>

**Michelle N. Meyer**, *The Next President's Council on Bioethics: Who Cares What It Does?*, THE HASTINGS CENTER BIOETHICS FORUM, June 24, 2009, <http://goo.gl/mspIhN> (with James W. Fossett)

**Michelle N. Meyer**, *Throwing the Baby Out with the Amniotic Fluid*, SCIENCE PROGRESS, May 5, 2009, <http://goo.gl/S2BgXf> (Center for American Progress)

## SERVICE ON EXTERNAL BOARDS AND COMMISSIONS

**Open Humans Foundation** (formerly PersonalGenomes.org) April 2014–present  
*Director and Secretary*

Serve on Board of Directors of Open Humans Foundation (OHF), a 501(c)(3) organization incorporated in 2005 to support Harvard geneticist George Church's Personal Genome Project (PGP) and related projects, and to develop novel ways of managing the ethical, legal, and technical aspects of creating open access repositories of highly identifiable human genomic data, including whole genome sequences. Other OHF projects include the annual GET (Genomes, Environments, Traits) Labs and Conference and Open Humans, which seeks to break down health data silos through an online portal connecting participants willing to publicly share data about themselves with researchers interested in using those data. Drafted public comments on behalf of PG.org in response to HHS's proposed revisions to the Common Rule.

**Making Science Less WEIRD** Aug. 2013–present  
*Scientific Advisory Board Member*

Consult with members of academic initiative (spearheaded by experimental psychopathologist Laura Germine (Mass. Gen. Hosp.), computer scientist Katharina Reinecke (MIT), and cognitive scientist Josh Hartshorne (U. Michigan)) on ethical and regulatory aspects of using online research platforms to reach non-WEIRD (Western, Education, Industrial, Rich, and Democratic) participants.

**Social Science Genetic Association Consortium (SSGAC)**

Feb. 2011–present

*Advisory Board Member*

Advise PIs of an international academic research consortium on ethical, regulatory, and science communication issues involved in the consortium’s social science research on aggregated genetic data, including helping draft accessible FAQ documents accompanying papers that explain to journalists and the public what studies did and did not find. SSGAC’s FAQs have been highlighted as a best practice by the editors of *Nature* (Editorial, *Dangerous Work: Behavioural Geneticists Must Tread Carefully To Prevent Their Research Being Misinterpreted*, NATURE v.502, pp. 5–6 (Oct. 2013)) and by the editors of a special issue of the *Hastings Center Report* (Erik Parens & Paul S. Appelbaum, *An Introduction to Thinking about Trustworthy Research into the Genetics of Intelligence*, 45 HASTINGS CENTER REP. S2 (Sept.-Oct. 2015)).

**American Psychological Association Commission on Ethics Processes**

Jan. 2016–Sept. 2017

*Commissioner and Chair, Committee on Adjudication and Education*

Appointed by the American Psychological Association (APA) Board of Directors and the Council Leadership Team to commission created in response to an independent review that found individual collusion and organizational failures in APA activities related to the war on terror.

**INVITED PRESENTATIONS AND WORKSHOP PARTICIPATION**

Michelle N. Meyer, “The Common Rule and Research with Mobile Devices,” Working Group Meeting: Thought Leader Input and Regulatory Framework, April 24, 2018, Chicago, IL, 2018 (NIH R01-funded working group, John Wilbanks and Mark Rothstein, co-PIs).

Michelle N. Meyer, Patrick Heck, Geoffrey Holtzman, Stephen Anderson, William Cai, Duncan Watts, & Christopher F. Chabris, “The A/B illusion: objecting to experimentally comparing two unobjectionable policies,” Decision Processes Colloquium, Wharton, University of Pennsylvania, March 19, 2018 (presented by CC).

Geoffrey Holtzman & Michelle N. Meyer, “IRB Risk Aversion and Prospective Participant Welfare,” Eastern Division Meeting of the American Philosophical Association, Savannah, GA, Jan. 3, 2018 (presented by GH).

Panelist, “Ethics and Privacy in the Era of Big Data,” Technology in Psychiatry Summit, Harvard Medical School, Boston, MA, Nov. 7, 2017.

Patrick Heck & Michelle N. Meyer, Social perceptions of genomics-related information avoidance, Moral Psychology Research Group conference, Penn State, Oct. 4, 2017 (presented by PH).

Speaker, “(Still) Waiting to Exhale: Why the Future of Biospecimens Research Remains Unclear After the Final Rule,” part of panel on “Developments in Human Subjects Research Regulation” (with Nancy King, Nicolas Terry, Melissa Goldstein, Mark Rothstein), 40<sup>th</sup> Annual Health Law Professors Conference, Atlanta, GA, June 9, 2017.

Speaker, panel on “Advancing ELSI Research in a Learning Health Care System” (with F. Daniel Davis, Jennifer K. Wagner, and Adam Buchanan), 4<sup>th</sup> ELSI Congress, Farmington, CT (June 5, 2017).

Opening keynote, “Reproducibility in Science: What’s Research Ethics Got to Do With It?,” Canadian Association of Research Ethics Boards (CAREB) National Conference, Halifax, Nova Scotia, Canada April 27-29, 2017.

Invited Session speaker, “How Meaningful Is ‘Choice’ Without Education?: Mandated Choice Over Participation in Biospecimens Research in a Time of Misfearing and Regulatory Confusion,” part of Invited Session, “Unusual Suspects: A Legal Line-Up Beyond GINA” (with Timothy Caulfield, Robert Cook-Deegan, and Jennifer K. Wagner), American Society of Human Genetics (ASHG) Annual Meeting, Vancouver, Canada, Oct. 19, 2016.

Invited presenter, “Ethical issues in funding and conducting social science research incorporating biological measures and mechanisms,” Biology and Social Science (BioSS) Working Group meeting, Russell Sage Foundation, Chicago, IL, Oct. 7, 2016.

- Invited speaker, “Privacy Risk and Big Data: The Promise and Peril of Re-Identification Research,” Human Subject Protection Conference (co-hosted by Cincinnati Children’s Hospital, University of Cincinnati, University of Kentucky, and Schulman Associates IRB), Covington, KY (Oct. 6, 2016).
- Invited responder to Tom Beauchamp on “The Future of Bioethics: Methods, Principles, Practices,” The Public Face of Ethics Conference (symposium in honor of James F. Childress), Charlottesville, VA, Sept. 10, 2016.
- Invited speaker, “Rethinking Research Ethics and Governance in an Era of Learning Healthcare Systems,” Northwell Health (formerly North Shore-LIJ), Manhasset, NY, July 27, 2016.
- Invited participant, Inaugural meeting of the Society for the Improvement of Psychological Science (SIPS), Center for Open Science, Charlottesville, VA, June 6-8, 2016.
- Keynote speaker, “Bioethics in the Context of Innovation,” NPS MedicineWise biannual National Medicines Symposium, Canberra, Australia, May 20, 2016.
- Invited speaker, Debate: Risk Avoidance Is the Enemy of Innovation, NPS MedicineWise biannual National Medicines Symposium, Canberra, Australia, May 19, 2016.
- Invited workshop participant, Protecting People and Sharing Data, Qualitative Data Repository, New York City, NY (May 12, 2016).
- Invited speaker, HHS Privacy Summit, Washington, D.C., May 12, 2016 (cancelled due to event rescheduling and prior speaking commitment).
- Invited panelist, “Law and Bioethics” panel, Petrie-Flom Center 10<sup>th</sup> Century Anniversary Celebration, Harvard Law School, Cambridge, MA, March 29, 2016.
- Invited participant, Open Data and Privacy Roundtable, White House Office of Science and Technology Policy (OSTP), Washington, D.C., March 24, 2016.
- Invited speaker, “Rethinking Research Ethics and Governance in an Era of Learning Healthcare Systems,” Geisinger Health System, Danville, PA, March 1, 2016.
- Invited panelist, “Ethical Principles and Review Processes” panel, Workshop on the Ethics of Online Experimentation, organized by Solon Barocas (Princeton) and Fernando Diaz (Microsoft), 9<sup>th</sup> ACM International Conference on Web Search and Data Mining, San Francisco, CA, Feb. 22, 2016.
- Invited participant, “Beyond IRBs: Designing Ethical Review Processes for Big Data,” NSF-supported workshop organized by the Future of Privacy Forum, Washington, D.C., Dec. 10, 2015.
- Invited plenary speaker, “Picked Out of a Crowd: Privacy and Re-Identification Research,” Public Responsibility in Medicine and Research (PRIM&R) Advancing Ethical Research Annual Conference, Boston, MA, Nov. 14, 2015.
- Invited delegate and speaker, “Digital phenotypes—Health research in the digital age?,” Wellcome Trust Frontiers Meeting, London, UK, Nov. 5–6, 2015.
- Speaker, “Pregnancy Exclusions: Marlise Munoz and Limits on the Health Care Decision Making of Pregnant Women” panel, American Society for Bioethics and Humanities (ASBH) 2015 Annual Meeting, Houston, TX, Oct. 22, 2015.
- Invited panelist, “Big Data Out of Context: Building a Privacy Review Board,” International Association of Privacy Professionals (IAPP) Privacy. Security. Risk. Conference, Las Vegas, NV, Sept. 30, 2015.
- “Did Facebook Have an Ethical Obligation to Conduct Its ‘Mood Contagion’ Experiment?: Corporate Responsibility for Rigorously Establishing the Safety and Efficacy of Products and Services,” Legal Studies and Business Ethics Speaker Series, Wharton, Philadelphia, PA, April 13, 2015.
- Invited speaker, “Two Cheers for (Some) Nonconsensual Corporate Experimentation,” Department of Philosophy, Carnegie Mellon University, Pittsburgh, PA, March 2, 2015.
- Invited speaker, Session on “Manipulating Emotions on the Internet: The Cases of Facebook and OkCupid,” Public Responsibility in Medicine and Research (PRIM&R) Annual Conference, Baltimore, MD, Dec. 6, 2014.
- Invited panelist, “Human Subjects Research Regulation: Perspectives on the Future,” Research Ethics Book Group Lunch and Meet the Authors session, Public Responsibility in Medicine and Research (PRIM&R) Advancing Ethical Research Annual Conference, Baltimore, MD, Dec. 5, 2014.

- Invited speaker, Conference on “When Companies Study Their Customers: The Changing Face of Science, Research, and Ethics,” sponsored by the Silicon Flatirons Center for Law, Technology, and Entrepreneurship and the Tech Policy Lab at the University of Washington, Boulder, CO, Dec. 4, 2014.
- Invited speaker, Health Law Society panel on Ebola, Albany Law School, Albany, NY, Nov. 20, 2014.
- Invited panelist, “Human Subjects Research Regulation: Perspectives on the Future,” Harvard Law School, Cambridge, MA, Oct. 22, 2014.
- Invited panelist, Ethics session, Conference on Digital Experimentation, MIT, Cambridge, MA, Oct. 10, 2014.
- “Neither Duty Nor Prohibition: Using Private Ordering to Transcend ‘One-Size-Fits-All’ in Large-Scale Sequencing of Human Beings.” Part of Invited Session, “Does the Increasingly Blurry Distinction between Research and Clinical Care Create an Obligation to Actively Search for Secondary Findings in Genomic Research or Otherwise Change the Relationship Between Researchers and Participants?,” American Society of Human Genetics (ASHG) Annual Meeting, Boston, MA, Oct. 23, 2013 (unable to present due to illness).
- “Defining and Measuring IRB Effectiveness.” Organizer, moderator and panelist, American Society of Law, Medicine, and Ethics (ASLME), Seton Hall Law School, Newark, NJ, June 7, 2013.
- “The Ethics of IRB Risk-Benefit Analysis.” Harvard Medical School, Cambridge, MA, April 4, 2013.
- “Research Participation: Is There a Better Way?” Guest lecturer in Prof. Misha Angrist’s class, Genome Sciences and Society, Duke University, March 27, 2013.
- “Risk-Proportionate Regulation and the Challenge from Participant Heterogeneity.” Paper presented at “The Future of Human Subjects Research Regulation” conference, Harvard Law School, Cambridge, MA, May 18, 2012.
- “What’s Really Wrong With IRBs? Their Surprising Flaw and the Even More Surprising Solution to It.” Paper presented at Union Graduate College, Schenectady, NY, April 12, 2011.
- “Ethical Issues in the Genetics of Social Science.” Presentation at Workshop to Extend the Social Science Genetic Association Consortium (SSGAC) to New Phenotypes, Los Angeles, CA, Oct. 29, 2011.
- “Regulating the Production of Knowledge: The Heterogeneity Problem in Human Subject Research and Its Private Ordering Solution.” Paper presented at Health Law Scholars Workshop, Center for Health Law Studies, Saint Louis University School of Law, St. Louis, MO, Sept. 15–17, 2011.
- “Regulating the Production of Knowledge.” Paper presented at the Harvard Law School Health Law Policy Workshop, Cambridge, MA, April 4, 2011.
- Commenter, Ethics Consortium, Harvard Medical School, January 7, 2011 (invited commenter before members of ethics committees of Harvard-affiliated hospitals on legal and ethical aspects of case involving presymptomatic genetic testing of a minor).
- “The Researcher-Subject Relationship As Governed By Donative Contract: A Middle Position In The Debate Over Returning Individual Research Results.” Paper presentation at American Society for Bioethics and the Humanities (ASBH) Annual Meeting, Washington, D.C., October 16, 2009.
- “The Constitution and the Mythical Right to Procreate.” Work in progress presented at the Johns Hopkins Berman Institute of Bioethics Research Retreat, Baltimore, MD, April 24, 2009.
- “Our Posthuman Future and the Future of Substantive Due Process Jurisprudence: Prenatal Genetic Enhancement, Procreative Liberty, and Parental Liberty.” Panel presentation at American Society for Bioethics and the Humanities (ASBH) Annual Meeting, Cleveland, OH, October 24, 2008.
- “A Sartrean Correction of Reinhold Niebuhr’s Doctrines of Sin and Evil: Towards a Broader Understanding of the Oppressor and the Oppressed.” Presented at the Southeast Commission for the Study of Religion (SECSOR), Charlotte, NC, March 18, 2001.

**TEACHING EXPERIENCE****Geisinger Health System**

Danville, PA

- “Ethical and Regulatory Issues in e-Consent to Research” (May 3, 2017)
- “Ethics of big data experimentation,” Clinical Informatics Fellowship (April 5, 2017)

**Clarkson University-Icahn School of Medicine at Mount Sinai  
Bioethics Program**

New York &amp; Schenectady, NY

- Capstone in Bioethics Policy (Summer 2015)
- Practicum in Bioethics Policy (Spring 2015, 2016)
- Advanced Bioethics Policy: Philosophical, Economic, & Psychological Foundations (Fall 2014, 2015)
- Public Health Ethics (co-taught Winter 2014)
- Health and Human Values Proseminar (collaboratively taught Summer 2013, 2014, 2015)
- Bioethics and the Law (Spring 2010\*, 2013\*, 2014\*, 2015, 2016) (\*co-taught)
- Advanced Bioethics (co-taught Fall 2009)

**Albany Law School**

Albany, NY

- Law and Bioethics (Fall 2013, 2015)

**Guest Lectures**

- “Ethical Considerations in Behavioral Genetics Research” for Russell Sage Foundation-funded Summer Institute in Social-Science Genomics, Santa Barbara, CA (June 12, 2017)
- “Why the Debate about Corporate Research Matters for the Future of Learning Healthcare Systems” for Law, Research and Bioethics, Master of Arts in Bioethics and Science Policy Program, Duke University, Nov. 15, 2016
- “Ethical Considerations in Behavioral Genetics Research” for Russell Sage Foundation-funded Summer Institute in Social-Science Genomics, New Brunswick, NJ, June 20, 2016
- “Why the Debate about Corporate Research Matters for the Future of Learning Healthcare Systems” for Law, Research and Bioethics, Master of Arts in Bioethics and Science Policy Program, Duke University, Nov. 3, 2015
- “Research Risk-Benefit Analysis and the Heterogeneity Problem” for Advocacy and Activism among Patients and Research Participants, Master of Arts in Bioethics and Science Policy Program, Duke University, April 1, 2015
- “Abortion and the Law” for second-year medical students at Albany Medical School, Albany, NY, April 17, 2014
- “The Role of Rationality in Regulation and Public Policy” for Logic, Rationality, and Life (interdisciplinary undergraduate course), Union College, Schenectady, NY, April 30, 2012

**Harvard Law School**

Cambridge, MA

- Regulating the Production of Knowledge: The Law and Ethics of Research (Spring 2012)

**University of Virginia** Charlottesville, VA*Instructor*

1998–2002

- Moral Status in Bioethics Depts. of Philosophy & Religious Studies, Spring 2002  
Designed and taught upper-level seminar for undergraduate majors.
- Religious Ethics and Moral Problems Dept. of Religious Studies, Spring 2001  
Designed and taught large lecture course in contemporary applied ethics. Supervised four Teaching Assistants. Topics included capital punishment, affirmative action, pornography, same-sex marriage, war, environmental ethics, animal welfare.
- Business Ethics McIntire School of Commerce, Fall 1999



- Designed and taught introductory course to honors students at UVA's undergraduate commerce school.
- Introduction to Medical Ethics UVA Medical School, Spring 1999  
Co-taught introduction to clinical ethics to first-year medical students.
  - Theology, Ethics, and Health Care Dept. of Religious Studies, Summer 1998  
Co-designed and -taught introductory course in bioethics to undergraduates.
- Teaching Assistant* Dept. of Religious Studies, 1997–1999
- The Human Body and Its Parts as Property (Prof. James Childress)
  - Theology, Ethics and Health Care (2x) (Prof. James Childress)
  - Religious Ethics and Moral Problems (Prof. Charles Mathewes)
- Dartmouth Ethics Institute**, Dartmouth College Hanover, NH  
*Teaching and Research Assistant* 1995–1996
- Assisted Reproduction: The Scientific, Ethical, and Social Challenges of a New Biomedical Technology (Prof. Ronald Green)
- Woodstock Community Correctional Center** (medium security prison) Woodstock, VT  
*Volunteer Instructor* (Moral Reasoning; Creative Writing; French) 1992–1994
- World Relief** (serving political and religious refugees) Chicago, IL  
*Volunteer Instructor* (English as a Second Language) 1990–1992

## OTHER PROFESSIONAL EXPERIENCE

- 
- Geisinger IRB Leadership Committee** Danville, PA  
*Chair* March 2017–
- Geisinger IRB** Danville, PA  
*Member, ex officio* March 2017–
- Geisinger Research Ethics Advice and Consultation Service** Danville, PA  
*Director* March 2017–
- NIH Precision Medicine Initiative–All of Us Research Program** Danville, PA & Bethesda, MD  
*Member*, Data Privacy and Security Working Group  
*Member*, Consent Working Group  
*Member*, Publications, Access & Guidelines Working Group  
*Member*, Data Access Joint Subcommittee  
*Member*, Resource Access Task Force
- Geisinger Patient Engagement in Research Committee** Danville, PA  
*Member, working groups on Informed Consent Access, Communication Strategy, and Metrics* Sept. 2016–
- Geisinger Learning Health Care System Committee** Danville, PA  
*Member* Sept. 2016–
- Union College Institutional Review Board** Schenectady, NY  
*Member* Sept. 2015–Sept. 2016
- Icahn Institute for Genomics and Multiscale Biology at Mount Sinai** New York, NY  
*Consultant* (paid) Aug. 2015–May 2016  
Advised on ethical and legal issues related to Resilience Project (ResearchKit-based genomics study)
- Kellogg, Huber, Hansen, Todd, Evans & Figel, PLLC** Washington, DC  
*Summer Associate* Summer 2005

<b>Harris, Wiltshire &amp; Grannis, LLP</b> <i>Summer Associate</i>	Washington, DC Summer 2005
<b>Lawyers' Committee for Civil Rights Under Law</b> <i>Intern</i>	Boston, MA Spring 2005
<b>Professor Christine Jolls</b> <i>Research Assistant</i>	Cambridge, MA 2005–2006
<b>Criminal Appellate Section, United States Department of Justice</b> <i>Summer Intern</i> Summer 2004	Washington, DC
<b>Professor John C. Fletcher</b> , Director, Center for Biomedical Ethics, UVA Medical Center <i>Research Assistant</i>	Charlottesville, VA, 1997–1998

## REFEREE SERVICE

- 
- Merits reviewer, Science of Science & Innovation Policy (SciSIP), National Science Foundation
  - Journal reviewer: *Science*; *Nature Biotechnology*; *American Journal of Bioethics*; *Hastings Center Report*; *Journal of Business Ethics*; *Bioethics*; *Journal of Law and the Biosciences*; *Journal of Law, Medicine & Ethics*; *Journal of Genetic Counseling*; *Social Psychological and Personality Science*; *BioSocieties*; *American Journal of Public Health*, *Genetics in Medicine*
  - Reader of NSF-funded white paper by Hank Greely and Jennifer Kulynych, “Clinical Genomics, Big Data, and Electronic Medical Records: Reconciling Patient Rights with Research when Privacy and Science Collide” (Fall 2015; honorarium)

## MEDIA MENTIONS AND APPEARANCES

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Quoted in, or work covered, by: *New England Journal of Medicine*, *Wall Street Journal*, *Chicago Tribune*, *Forbes.com*, *Nature News & Comment*, *Wired*, *Huffington Post*, *Chronicle of Higher Education*, *Buzzfeed*, *International Business Times*, *ABA Journal*, *The Timmerman Report*, *Genome Magazine*, *Motherboard*, *Fusion*, *Reporting on Health*, *MedCity News*, *Mashable*, *VentureBeat*, *Medical Ethics Advisor*, *GenomeWeb*, *Torque*, *University World News*, *MIT Technology Review*

Appearances on: WNYT Nightly News (Albany NBC affiliate), Public Radio International’s *To the Point*, Public Radio International’s *Innovation Hub*, American Public Media’s *Marketplace Tech*, STAT’s *Signal* podcast, *The Tommy Schnurmacher Show* (Montreal radio), *Viewpoints* (Montreal radio), *Oral Argument* podcast, *This Week in Health Law* podcast, *Tech Tonics* podcast, *Genome Magazine* podcast

## BLOGGING

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Regular contributor, *Forbes*, August 2015–

Regular contributor, *The Faculty Lounge* (legal academic group blog), Aug. 2013–; guest blogger, July 2012–July 2013

Regular contributor, *Bill of Health* (Harvard Law School-hosted group blog covering health law policy, biotechnology, and bioethics), Sept. 2012–

Organizer and contributor, “Online Symposium on the Law, Ethics & Science of Re-identification Demonstrations,” *Bill of Health*, May 2013 (cited by White House report, *Big Data: Seizing Opportunities, Preserving Values*, May 2014).

Organizer and contributor, “Online Symposium on the Munoz and McMath Cases,” *The Bioethics Program Blog*, Jan.–Feb. 2014.