



COMMUNITY





## FROM THE DIRECTOR

This annual report catalogues my final year as the Andreas C. Dracopoulos Director of the Berman Institute. As the depth and breadth of this report illustrate, this year was not about my leaving the directorship, but rather about the community of faculty, board members, donors, and staff who make the Berman Institute possible each and every year. As I step aside and focus on my continuing academic work, I take great comfort in knowing that dynamic will not change.

A number of communities come together to make a place like the Berman Institute possible. I cannot begin to describe how critically important our National Advisory Board is to the success of the Berman Institute and to its director. Their impact can be seen everywhere, from the Dracopoulos Directorship to the Meyerhoff Professorship to the Levi Leadership Symposium to Deering Hall. They are transformational leaders in the truest sense, and the work described in this report is only possible with their support, counsel, and encouragement.

The Berman Institute began 20 years ago with 13 faculty members, a remarkable beginning particularly in that it included champions such as Profs. John Freeman, Henry Seidel and Nancy Kass. Incredibly, we are now 38 faculty strong. We have more philosophers and lawyers than we had total faculty when we started, not to mention international leaders in nursing, medicine, and public health. This faculty, their talent, their commitment to the Institute and its mission —

that is the core of the Berman Institute’s success. Prof. Jeffrey Kahn now emerges from that faculty to serve as the next Dracopoulos Director; a wonderful selection that sets the Institute on a path of renewed energy and accomplishment.

Being the founding director of a successful institute is an extraordinary honor, but it is also an extraordinary responsibility. I thought about and planned for this moment for a long time. I knew it was *essential* that the Berman Institute have a solid place within Johns Hopkins University, a significant endowment, a physical home, and a strong base of donors and supporters. I knew that the Institute had to have a stellar faculty, with the right balance of superstars and rising stars to take us into the future.

Because all of these things are in place, I know that now is the right time for me to step aside. I leave the directorship, not the Berman Institute, knowing that the future is secure, knowing that the next twenty years are going to be just as remarkable, if not better, than the first twenty have been. To all those who make this possible, I offer my deepest thanks and gratitude.

Sincerely,



Ruth Faden, PhD, MPH  
ANDREAS C. DRACOPOULOS DIRECTOR,  
PHILIP FRANKLIN WAGLEY PROFESSOR OF BIOMEDICAL ETHICS

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## FOUNDING DIRECTOR PASSES THE TORCH

Twenty years ago, Ruth Faden, PhD, MPH, transformed an informal bioethics interest group of faculty members dispersed across Johns Hopkins University into the Berman Institute of Bioethics, which now has 38 faculty, 25 staff, and alumni who hold leadership positions across the field.

HIGHLIGHTS



*“Without Dr. Faden’s vision, scholarship, determination, and leadership, what we know today as the Berman Institute of Bioethics would not exist. She is the Institute’s founding director, and her international reputation as a scholar and leader in bioethics has added great luster to the reputation of both the Institute and the University.”*

PRESIDENT RONALD J. DANIELS AND PROVOST ROBERT C. LIEBERMAN,  
IN AN EMAIL TO JOHNS HOPKINS UNIVERSITY FACULTY AND STAFF

On June 30, 2016, Prof. Faden stepped aside as the Andreas C. Dracopoulos Director of the Berman Institute, passing the torch to Jeffrey Kahn, PhD, MPH. Prof. Kahn is the Robert Henry Levi and Ryda Hecht Levi Professor of Bioethics and Public Policy. He was selected to succeed Prof. Faden after a global search carried out by the Provost’s office, and becomes the Institute’s second Andreas C. Dracopoulos Director on July 1.

Prof. Faden retains her faculty position as the Philip Franklin Wagley Professor of Biomedical Ethics, with a full academic portfolio, including work on streamlined consent in comparative effectiveness research; the inclusion of pregnant women in medical research; global food ethics and policy; and social justice.

During Prof. Faden’s tenure, the Berman Institute has grown into one of the world’s largest bioethics centers, with its interdisciplinary faculty having joint appointments in the Johns Hopkins schools of Medicine, Nursing, Public Health, Arts and Sciences, or Advanced International Studies. The Berman Institute faculty includes some of the most distinguished senior scholars in the field, as well as a deep bench of emerging leaders. The Institute sponsors or co-sponsors an undergraduate minor, a master’s degree, PhD training, postdoctoral training, and certificate programs. Many graduates of these programs, including over 50 post-doctoral fellows, have assumed leadership positions in the public, private, academic, and charitable sectors.

Even before she established the Berman Institute, Prof. Faden was a thought leader in the young field of bioethics. She authored the now-landmark text, *A History and Theory of Informed Consent*, with her husband, philosopher Tom L. Beauchamp, in 1986. She has served on numerous national committees and advisory panels, including chairing the White House Advisory Committee on Human Radiation Experiments.

Prof. Faden has continued to exert influence on both the theory and practice of bioethics. Her book *Social Justice*, co-authored with Madison Powers, JD, DPhil, is considered another landmark in the field. Prof. Faden is also a leading voice in revising society’s understanding of the moral relationship between medical research and medical practice, to help bring about higher quality and more just healthcare systems, and in focusing attention on issues of justice in global food security. She is an elected member of the Institute of Medicine and was awarded lifetime achievement honors by the American Society for Bioethics and Humanities and by Public Responsibility in Medicine and Research.

In their announcement to University faculty and staff, the JHU President and Provost noted Prof. Faden’s work, along with the Berman Institute National Advisory Board, to establish a physical home for the Institute in Deering Hall, a historical landmark in East Baltimore. A dedicated building for a university bioethics center is rare, and supports the community environment Prof. Faden has sought to foster. In addition to providing a home for faculty and staff, Deering Hall also hosts monthly faculty meetings, quarterly research retreats, and “community lunches” for all faculty, staff, and students.

In 2014, the Berman Institute became the first bioethics center to have an endowed directorship, made possible by a gift from the long-time Institute supporter, advisory board member, and University trustee for whom it is named, Andreas C. Dracopoulos. The endowed directorship further secured the future of the Berman Institute beyond Prof. Faden’s tenure as Director.

“Dr. Faden has spent her entire career passionately committed to dealing with ethical challenges in the biomedical science field and in women’s health,” Mr. Dracopoulos said in his speech at a ceremony installing Prof. Faden as the first Andreas C. Dracopoulos Director. “I am honored to have been a member of the National Advisory Board of the Berman Institute for almost 15 years now, honored to count everyone at the Institute as a friend, very grateful to have been blessed in my own personal life to be able to express my gratitude with this personal contribution, which is nothing more than a simple acknowledgment of how far Ruth has taken the Institute and how promising its future is both within the Hopkins family and within society at large.”

“I have been incredibly fortunate in my professional life at Johns Hopkins to be able to form a community with so many insightful, passionate colleagues committed to building a more ethical world,” Prof. Faden said. “I am incredibly fortunate, yet again, to be able to move on to the next stage of my career with the certain knowledge that the Berman Institute’s future is secure and in exactly the right place for the second Dracopoulos Director to lead it successfully into a third decade.”



### JEFFREY KAHN, PHD, MPH,

officially takes on the position of Andreas C. Dracopoulos Director of the Johns Hopkins Berman Institute of Bioethics on July 1, 2016. He came to Johns Hopkins and the Berman Institute in 2011 as the inaugural Robert Henry Levi and Ryda Hecht Levi Professor of Bioethics and Public Policy. He is also a Professor in the Department of Health Policy and Management of the Johns Hopkins Bloomberg School of Public Health. Prior to joining the faculty at Johns Hopkins, Prof. Kahn was Director of the Center for Bioethics at the University of Minnesota and held an endowed chair in bioethics.

Prof. Kahn is chair of the National Academies Board on Health Sciences Policy, and has previously chaired its committee on the Use of Chimpanzees in Biomedical and Behavioral Research (2011) and the committee on Ethics Principles and Guidelines for Health Standards for Long Duration and Exploration Spaceflights (2014).

Prof. Kahn’s publications include the books *Contemporary Issues in Bioethics*; *Beyond Consent: Seeking Justice in Research*; and *Ethics of Research With Human Subjects: Selected Policies and Resources*, as well as over 115 articles in the bioethics and medical literature. He also speaks widely across the U.S. and around the world on a range of bioethics topics, in addition to frequent media outreach. From 1998-2002 he wrote the bi-weekly column *Ethics Matters* on CNN.com.







## EDITING THE HUMAN GERMLINE

In the future, 2015 may be remembered as a turning point in science, as new techniques reignited scientific and public debate over genetic modification in humans. The Berman Institute played an important role in these global discussions.



First, a new gene editing tool appeared to be a game-changer, with its unprecedented precision and accessibility. Named for its means of targeting specific genes, “clustered regularly interspaced short palindromic repeats,” or CRISPR, this method is expected to put the long-anticipated promise — and peril — of effective gene editing in human hands.

Also in 2015, the United Kingdom and the United States considered the legal and ethical aspects of permitting unprecedented assisted reproductive procedures that would incorporate the genes of a mother and father with

additional genetic material from a female donor. Dubbed “three-parent babies” by the news media, these procedures, called mitochondrial replacement techniques (MRT), rely on a donor to provide healthy cellular material known as mitochondria when the mother’s mitochondria are likely to pass a debilitating disease on to her child. Mitochondria have their own relatively small complement of genes, which are separate from the trait-determining DNA in a cell’s nucleus.

Both CRISPR and MRT were quickly recognized as having the potential to permanently alter the human “germline” — the set of genes that are passed from parents to children

through future generations. Previously, when technological hurdles made the idea seem like science fiction, editing the germline was widely regarded as an ethical bright line too unsafe and uncertain to be crossed. But with the development of the CRISPR gene editing tool and MRT, altering the human germline, and thereby affecting human evolution, became a real possibility and sparked fresh debate.

Berman Institute Assistant Director for Science Programs Debra Mathews, PhD, MA, and Alan Regenberg, MBE, Director of Outreach and Research Support, took lead roles in convening a meeting of the influential Hinxton Group in Manchester, England. This interdisciplinary, multinational group of experts — including Berman Institute Deputy Director for Medicine Jeremy Sugarman, MD, MPH, MA, and other leaders in bioethics, science, policy, as well as research funders and journal editors — has previously tackled challenging issues in stem cell science and international scientific collaboration.

In Manchester the Hinxton Group reached consensus and published a statement endorsing basic science research that involves editing the human genome, while drawing a sharp distinction between research and clinical applications.

“We believe that while this technology has tremendous value to basic research and enormous potential for somatic [the cells of the body, in contrast to germ — sperm and egg — cells] clinical uses, it is not sufficiently developed to consider human genome editing for clinical reproductive purposes at this time,” the consensus statement reads.

Prof. Mathews and Mr. Regenberg also co-authored a commentary with other members of the Hinxton Group Steering Committee, laying out key ethical issues for consideration as the human genome editing debate continues. The commentary, “CRISPR: A Path through the Thicket,” was published in the November 12, 2015, issue of *Nature*.

The debate also prompted the US National Academies of Sciences, Engineering, and Medicine to co-host an International Summit on Human Gene Editing in Washington, DC, with the Chinese Academy of Sciences and the British Royal Society. At the summit’s conclusion, participants declared a goal of creating an ongoing forum where the international community can strive to establish

norms for gene editing and harmonize regulations, while discouraging ethically unacceptable activities. The summit was followed by the first meeting of a multidisciplinary group of experts, convened by the National Academies of Science and Medicine, to conduct a consensus study of these issues. The group includes Jeffrey Kahn, PhD, MPH, the Levi Professor of Bioethics and Public Policy at the Berman Institute.

A separate National Academy of Medicine committee analyzed the issue of MRT, with Prof. Kahn serving as chair. After a year-long process, the multi-disciplinary expert committee concluded that clinical investigations of MRT in humans are ethically permissible, as long as particular conditions and principles are met. These include limiting clinical investigations to women who are at risk of passing on a serious mitochondrial disease to their children that is predicted to cause early death or substantial impairment.

The committee also recommended that only male embryos be transferred to a woman for a possible pregnancy during initial clinical investigations. Mitochondrial DNA is inherited from the mother, so using only male embryos would avoid the germline modifications via mitochondrial replacement to be passed from females to their daughter’s offspring.

“Although MRT would not treat a person with a mitochondrial disease, its pursuit could satisfy prospective parents’ desire to bear genetically related offspring with a significantly reduced risk of passing on mitochondrial disease,” Prof. Kahn said. “The limitations on MRT that we propose focus on protecting the health and well-being of children born as a result of the techniques.”

The discussion of human germline editing continues. Looking forward, Prof. Mathews said, “While there is controversy and deep moral disagreement about human germline genetic modification, what is needed is not to stop all discussion, debate and research, but rather to engage with the public, policymakers, and the broader scientific community, and to weigh together the potential benefits and harms of human genome editing for research and human health.”



DEBRA  
MATHEWS



ALAN  
REGENBERG



JEREMY  
SUGARMAN



JEFFREY  
KAHN



A CENTER OF EXCELLENCE IN ELSI RESEARCH

Infectious diseases account for a significant proportion of illness worldwide. Recent research suggests that a person’s genes can play a significant role in susceptibility to infection, its severity and transmissibility, and response to treatment.

For example, the IL28B genetic variant predisposes a person to spontaneously clear the Hepatitis C virus (HCV) and thus avoid chronic disease. “People with these genotypes may benefit from less expensive or onerous treatments,” said Gail Geller, ScD, MHS, the Berman Institute Director of Education Initiatives. “However, these variants are much rarer among people with African ancestry,” she added, “which raises ethical concerns about whether treatment decisions should be influenced by race.”

The Berman Institute’s affiliations with the Johns Hopkins Bloomberg School of Public Health and School of Medicine, as well as faculty members’ established leadership on ethical issues related to genetics and genomics, position the Institute well to explore the ethical, legal, and social implications (ELSI) of genomics as applied to infectious disease.

The Berman Institute began work on these issues three years ago as an exploratory Center of Excellence in ELSI Research (CEER), the first such project to focus attention on genomic ELSI issues in the context of infectious disease. In spring 2016, the National Human Genome Research Institute of the National Institutes of Health (NIH) awarded the Berman Institute \$4 million over four years to establish a specialized CEER to continue this important effort: The Center for Bridging Infectious Disease, Genomics, and Society (BRIDGES).

Only seven other such centers have been established across the country. The CEER brings together a multi-disciplinary team from across Johns Hopkins University and Johns Hopkins Medicine, led by Berman Institute Co-Principal Investigators Prof. Geller and Jeffrey Kahn, PhD, MPH, the Levi Professor of Bioethics and Public Policy at the Berman Institute.

The Johns Hopkins CEER team members include experts in bioethics, epidemiology, genomics, health policy, immunology and infectious disease, public health preparedness and education, in keeping with the NIH’s intention that CEERs create opportunities for transdisciplinary research.

The CEER research plan has three specific program areas, each with a unique pilot project. The program on “Implications for Research” will address the impact of discoveries related to genetic variation in HIV and HCV transmission on cohorts of at-risk urban populations. The program on “Implications for Public Health Policy” will analyze the role and impact of advances in vaccinomics for informing population-based prevention in the context of a pandemic. The program on “Implications for Clinical Practice” will assess the application of genomics in the clinical management of acute, high-consequence infectious diseases like Ebola.

“While there are important benefits to be realized in the application of the tools of genomics, and so-called precision medicine to infectious disease, there are also unique ethical, legal, and policy issues that must be addressed,” Prof. Kahn said. “We are pleased that the NIH recognizes the importance of this area of research.”



GAIL GELLER



JEFFREY KAHN

EARLY LIFE IN THE NICU

When the beginning of life is spent in the neonatal intensive care unit (NICU), the ethical issues inherent in critical care are compounded by the vulnerability of the young patients and the raw emotions of their families.

The Berman Institute is home to a growing team working to address these issues on several fronts, including faculty member and neonatologist Renee Boss, MD; Hecht-Levi Fellows Emily Hahn, MD, Miriam Shapiro, MD, and Rebecca Seltzer, MD; and staff member Erin Williams, MBE; with generous support from National Advisory Board Member Judy Starkey.

Prof. Boss is the author of a chapter titled “Death at the Beginning: The Neonatal Intensive Care Unit,” in *The Oxford Handbook of Ethics at the End of Life*. She lays out the unique ethical difficulties and distress faced by clinicians in the NICU, including legal and policy restrictions that can limit parent and clinician decision-making for infants in critical condition.

“Over the past two decades, increasing numbers of children are surviving once-fatal conditions but go on to have chronic medical conditions and often tenuous quality of life. They commonly remain in hospitals for months or even years, missing out on hallmarks of childhood,” said Prof. Boss.

A current study addresses care for children with chronic critical illnesses that keep them in the ICU long term, often fraying family bonds and endangering mental welfare. Prof. Boss and the research team are interviewing inpatient and outpatient clinicians, families, and policy professionals in five metropolitan areas to learn more about the barriers that impede children with chronic critical illnesses from spending more time at home.

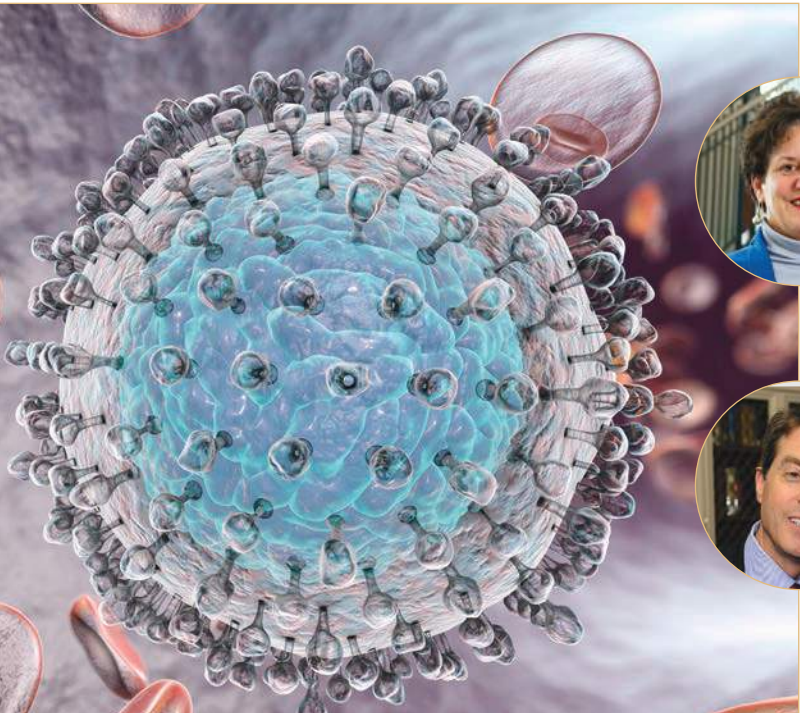
In some instances, children do not go home even after they are discharged from the hospital. Prof. Boss and Dr. Seltzer have looked at cases involving medical foster care, which is imposed when a child’s medical condition requires care that their parents are unable to provide.



However, research showed that foster parents report feeling unprepared to serve as intensive medical caregivers and advocates. Foster parents also become additional stakeholders in medical decision-making, adding another layer to an already ethically and emotionally complex family and healthcare dynamic.

“Uneasiness and burnout associated with providing care to such fragile children are barriers to recruiting and maintaining qualified medical foster parents, resulting in delays in home placement and hospital discharge. Medical foster parents need better access to care coordination, home nursing, and respite supports, which are often lacking due to poor reimbursement and availability,” said Dr. Seltzer.

For more information on National Advisory Board member Judy Starkey’s continued personal commitment to these issues, please see the inside back cover.





## EQUITY IN RESEARCH FOR PREGNANT WOMEN

The spread of the Zika virus that began in 2015 shed light on a longstanding problem: how little we know about appropriately preventing and treating disease during pregnancy, due to the widespread exclusion of pregnant women from medical research.

Berman Institute scholars are currently examining the ethical dimensions of this important issue from two angles: the prevention, treatment, and management of HIV/AIDS, and research in response to emerging public health crises like Zika. “While there are complex legal and ethical issues involved in testing new vaccines and drugs in women who are pregnant or of reproductive age, that is not a justification for failing to generate evidence that is badly needed to meet the distinctive health needs of pregnant women, who are often at heightened risk during a public health crisis,” said Ruth Faden, PhD, MPH, Director of the Berman Institute and a Co-Principal Investigator on both projects.



With a £1.2 million (\$1.7 million) grant from the Wellcome Trust, Prof. Faden and Berman Institute faculty members Leslie Meltzer Henry, JD, PhD, MSc, and Carleigh Krubiner, PhD, will collaborate with bioethics colleagues from the University of North Carolina at Chapel Hill Center for Bioethics, the Kennedy Institute of Ethics at Georgetown University, and the University of Washington School of Law to develop guidance for conducting research with pregnant women during a public health emergency.

The research team includes expert advisors in vaccinology and infectious disease, maternal-fetal medicine, and bioethics from both the United States and Latin America. The guidance will be further informed by consultations with scientists, physicians, and public health practitioners working on various aspects of the Zika response. The team will convene a series of expert working groups to help develop and refine guidance for addressing the health interests of pregnant women in research agendas for public health emergencies — focusing initially on Zika then producing broader guidance for other emerging health crises.

A related, ongoing study is known as PHASES: Pregnancy and HIV/AIDS: Seeking Equitable Study. Funded by the National Institutes of Health (NIH), PHASES aims to develop an action-guiding ethical framework to navigate the complexities of including pregnant women in HIV research in the US and in southern Africa, with a dedicated emphasis on South Africa, Malawi, and Botswana.

“Unlike the emerging threat of Zika, with HIV we have over three decades of experience learning about effective prevention and treatment options. Yet, despite tremendous scientific advancements, we still know comparatively little about how to best meet the health needs of pregnant women in the AIDS response,” said Prof. Krubiner, a PHASES Co-Investigator. “This is due to the dramatic underrepresentation of pregnant women’s needs in the HIV research agenda over the past 35 years — despite the fact that 17.8 million women are living with HIV worldwide with about 1.5 million giving birth each year and millions more at risk of becoming infected.”

At the Berman Institute, the PHASES team is led by Profs. Faden and Krubiner, along with Johns Hopkins PHASES Project Director Sappho Gilbert, MPH. Like the



Zika-focused project, PHASES is also a collaborative effort with scholars from other research universities; several members of both research teams have worked for more than a decade on these issues. In 2008, Prof. Faden, Anne Lyerly, MD, MA, Associate Director of the Center for Bioethics at the University of North Carolina, Chapel Hill, and Margaret Little, BPhil, PhD, Director of the Kennedy Institute of Ethics at Georgetown University, launched the Second Wave Initiative, referencing the “first wave” of efforts in the early 1990s to include women in the biomedical research agenda. Second Wave grew into a consortium of physicians, scientists, and bioethicists advocating for advancing the evidence base for the treatment of pregnant women facing serious illness.

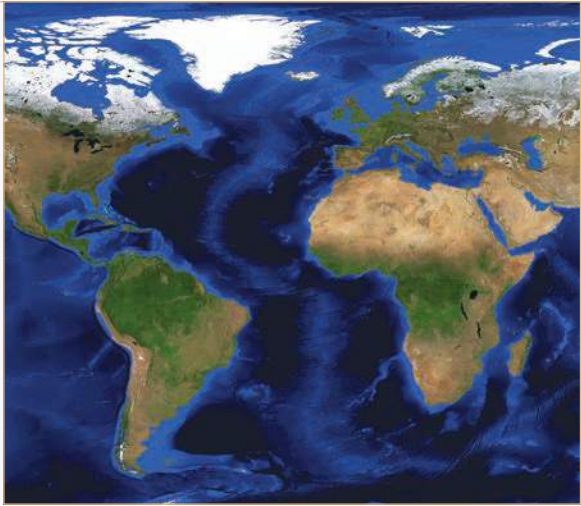
Profs. Faden, Lyerly, and Little authored multiple opinion articles on the issue of pregnant women receiving

the H1N1 “swine flu” vaccine in 2009, noting the high fatality rate, the four-fold risk of hospitalization for pregnant women with H1N1, and the shortage of research specifically informing prevention and treatment of influenza in pregnant women. They also submitted a commentary to the US Department of Health and Human Services, with many co-signers, regarding proposed changes to the “Common Rule” governing research with human subjects, objecting to language labeling pregnant women as “a vulnerable population, at high risk of coercion and undue influence,” and calling for a working group to craft more appropriate and just language to address pregnant women’s needs and interests.





SELECTED GRANTS



**FADEN, R.** “Conducting Ethical Research With Pregnant Women in the Emerging Zika Pandemic and Beyond: Challenges Arising in Public Health Crises”. Wellcome Trust. April 2016 — February 2018. \$1,715,482.

*The major goal of this project is to conduct case studies of how pregnant women and research were approached in three previous infectious disease threats: anthrax, Ebola, and H1N1, and to develop guidance in investigating the effects of Zika relevant to the ethics of research with pregnant women.*

**FADEN, R.** “Ethics & Equity in Priority-Setting for Health: Creating an Ethics Workshop for the International Decision Support Initiative”. Kings College of London/Wellcome Trust. June 2015 — September 2016. \$22,085.

*The major goal of this project is to guide decision-makers to effective, equitable, and efficient healthcare resource allocation strategies for improving the health of individuals.*

**FADEN, R.** “The PHASES Project: Pregnancy and HIV/AIDS: Seeking Equitable Study”. University of North Carolina/NIH. August 2015 — July 2019. \$1,057,004.

*The major goal of this project is to develop an ethical framework and specific recommendations that will serve as the basis for a practical ethical consensus for HIV research and pregnancy.*

**FANZO, J.** “Global Food Ethics and Policy Program”. Stavros Niarchos Foundation. May 2016 — April 2019. \$3,195,000.

*This grant provides core support for the Global Food Ethics and Policy Program, as well as two projects within the program. The first project will lead to specific, concrete recommendations about ways to decrease biases and improve the quality, relevance, and ethical acceptability of scenarios of future global food security. The second project will develop a mark to be used on food products, indicating the acceptability of the product across several ethical dimensions.*

**FANZO, J.** “Planetary Boundaries of Global Animal Food Production and Consumption: Decision-Making Tools for Equitable Social Change”. Wellcome Trust. April 2016 — August 2016. \$43,043.

*This is a planning grant to work on a full grant application. This proposal will address complex animal-sourced food challenges in four diverse food system cases to produce specific actionable findings, which could lead to policy changes in the way we produce and consume food animals.*

**FANZO, J.** “Independent Expert Group for the Global Nutrition Report”. International Food Policy Research Institute. November 2015 — December 2016. \$28,590.

*The Global Nutrition Report aims to provide a single authoritative source on progress to address global malnutrition with high standards of quality and independence.*

**GELLER, G., KAHN, J.** “Ethical, Legal and Social Issues for Precision Medicine and Infectious Disease”. National Human Genome Research Institute, NIH. May, 2016 — April 2020. \$4,049,891.

*The major goal of the CEER is scholarship, research, and career development related to the social, historical, and policy issues confronting the application of genomics to prevention, outbreak control, and treatment of infectious diseases, which pose an enormous health burden in the US and globally.*

**KASS, N.** “Improving Understanding of Clinical Research Studies: An Experimental Study Comparing Two Informed Consent Strategies to Traditional Informed Consent”. Greenwall Foundation. July 2016 — June 2018. \$384,479.

*The objective of this project is to test two simplified, easily reproducible consent approaches — a bulleted fact sheet and a video interview between a principal investigator and patient. Both emphasize key information using lay language. Patients considering enrollment in any of five ongoing clinical studies will be randomized to one of these simplified approaches or standard consent to see which achieves better understanding and/or satisfaction.*

**KASS, N., HYDER, A.** “Improving the Quality and Efficiency of the University Zambia Research Ethics Committee”. Fogarty International Center, NIH. May 2016 — April 2019. \$290,497.

*This project works to strengthen the capacity of the research ethics committee (REC) at the University of Zambia School of Medicine through a series of training, mentoring, and technical assistance activities designed to improve the ethics knowledge of REC members and the administrative efficiency of REC operations.*

**KASS, N., KAHN, J.** “Ethics Issues in Public Health Containment for Ebola and Other Infectious Outbreaks in Low- and Middle-Income Countries”. Wellcome Trust. October 2015 — September 2016. \$509,571.

*This project will develop a series of ethics questions, considerations, and, where possible, best practices, around different public health approaches for different types of infectious disease outbreaks in low- and middle-income countries (LMICs). Using the input of dozens of experts and community members involved in the Ebola outbreak and/or in other infectious outbreaks in LMICs, key reasons will be identified for why public health measures fail, are met with resistance or distrust, and also identify ethics considerations that surround these concerns.*

**MATHEWS, D.** “Promoting Ethical Research with Stored Biospecimens as Science Evolves”. Greenwall Foundation. January 2016 — June 2017. \$25,096.

*This empirical bioethics project will provide critical data on the views and expectations of cancer research participants on the real-world dilemma of whether or not to proceed with research using archived biospecimens when the scientific techniques and/or ethical standards have evolved and the adequacy of prior informed consent is unclear and re-consent is not feasible.*

SELECTED PUBLICATIONS



Abshire, M., Xu, J., Dennison Himmelfarb, C., Davidson, P., Sulmasy, D., Kub, J., **HUGHES, M., NOLAN, M.** (2015). Symptoms and fear in heart failure patients approaching end of life: a mixed methods study. *Journal of Clinical Nursing*, 24(21—22), 3215—3223.

Alfandre, D., Clever, S., Farber, **N., HUGHES**, M., Redstone, P., Lehmann, L. (2016). Caring for “very important patients”—ethical dilemmas and suggestions for practical management. *The American Journal of Medicine*, 129(2), 143—147.

**ALI, J.**, Andrews, J. E., Somkin, C., Rabinovich, C. (2015). Harms, benefits, and the nature of interventions in pragmatic clinical trials. *Clinical Trials*, 12(5), 467-475.

ALI, J., Califf, R., **SUGARMAN, J.** (2016). Anticipated ethics and regulatory challenges in PCORnet: The national patient-centered clinical research network. *Accountability in Research*, 23(2), 79—96.

Aloosh, M., **SAGHAI, Y.** (2016). Birth control policies in Iran: A public health and ethics perspective. *Journal of Epidemiology and Community Health*, 70(6), 529-533.

Andreuccetti, G., Leyton, V., de Carvalho, H., Sinagawa, D., Allen, K., **HYDER, A.** (2016). Drinking and driving in Brazil: Same problem, same loophole. *Addiction*, 111(7), 1308—1309.

Arrington-Sanders, R., Morgan, A., Oldtman, J., Dao, A., **MOON, M.**, Fortenberry, J., Ott, M. (2016). Sexual health research with young black men who have sex with men: Experiences of benefits and harms. *Archives of Sexual Behavior*, April 4, 2016, Published Online.

Bachani, A., Rattani, A., **HYDER, A.** (2016). A scoping study on the ethics of health systems research. *Developing World Bioethics*, April 1, 2016, Published Online.

**BEACH, M. C.**, Saha, S., **BRANYON, E.**, Ehanire, I., Mathews, Z., Cooper, L. (2016). Communicating respect for patients as persons: A qualitative study. *International Journal of Person Centered Medicine*, 6(1), 42-49.

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FACULTY MEMBER HOLLY TAYLOR, PHD, MPH, (LEFT) AND DOCTORAL CANDIDATE LEILA JAMAL, SCM





## NEW EDUCATION INITIATIVES

In the past five years the Berman Institute has greatly expanded its educational offerings, including a Master of Bioethics (MBE) degree and the Berman Institute Bioethics Intensives (BI<sup>2</sup>) program of short courses for certification. Plans are also underway for an executive education program.

In addition to bringing new students into the Berman Institute community, these education programs have brought changes for faculty and staff. Faculty member Gail Geller, ScD, MHS, has been named Director of Education Initiatives, while former Hecht-Levi Fellow Travis Rieder, PhD, has joined the faculty as Assistant Director for Education Initiatives. They work closely with Senior Academic Program Coordinator Elice García-Baca to address current student and faculty needs and plan for the programs' future.

"We have an opportunity now to coordinate and create synergies among the full spectrum of educational offerings, both in person and online," Prof. Geller said. "Through the Hecht-Levi Postdoctoral Fellowship Program, the doctoral track, the Master of Bioethics, the certificate programs, and the undergraduate minor in bioethics, we are committed to building a large and diverse community of learners at the Berman Institute."



GAIL GELLER



TRAVIS RIEDER



ELICE GARCÍA-BACA



THE BERMAN INSTITUTE'S FIRST MASTER OF BIOETHICS COHORT  
FROM LEFT TO RIGHT: CAMERON OKEKE, DIANA MENDOZA-CERVANTES,  
FARNOOSH FAEZI-MARIAN

*"I became interested in bioethics as I completed my undergraduate thesis on cross-cultural medicine and cross-cultural medical morality at the University of Chicago. I really liked medicine, I really liked science, I really liked health, but I really didn't want to practice any of them. Ethical issues, however, I loved figuring out. Here at Hopkins, not only do I get exposure to some great public health classes with people doing great poverty, gun and social justice policy work, but I also get a strong background in world philosophy and ethical analysis. It's a perfect marriage."*

CAMERON OKEKE REFLECTS ON HIS DECISION TO ENTER  
THE BERMAN INSTITUTE'S MBE PROGRAM

## EDUCATION AND TRAINING PROGRAMS

Unique interdisciplinary programs and faculty provide a dynamic educational experience that makes the most of the Berman Institute's position within Johns Hopkins.

### BIOETHICS AT HOMEWOOD: THE UNDERGRADUATE MINOR AND HUBS

Berman Institute faculty member Hilary Bok, PhD, directs the Bioethics Minor Program, offered in collaboration with the Department of Philosophy of the Krieger School of Arts and Sciences. Students must complete eight courses, including biology and at least two upper-level seminars. To date more than 40 students have graduated with a minor in bioethics.

The Berman Institute also fosters extracurricular interest in bioethics on the Homewood campus through its work with the student-run Hopkins Undergraduate Bioethics Society (HUBS). The group hosts events throughout the school year for the Homewood community, including debates, movie nights, mock institutional review boards, deliberative democracy sessions, and seminars on bioethics topics.

### MASTER OF BIOETHICS

The Berman Institute community was thrilled to welcome the first cohort of MBE students in September 2015. The goal of this innovative, interdisciplinary, cross-divisional program is to prepare students from diverse personal and professional backgrounds for the bioethics challenges of professional and civic life. A collaborative program with the Johns Hopkins Bloomberg School of Public Health, the program courses are taught by Berman Institute faculty in both online and in-person formats.

### PHD IN BIOETHICS AND HEALTH POLICY

A track within the Department of Health Policy and Management in the Johns Hopkins Bloomberg School of Public Health, offered in association with the Berman Institute, the PhD track provides unparalleled training, education, and mentoring to the next generation of bioethics scholars. Holly Taylor, PhD, MPH, directs the

program, and she is joined by faculty members Jeffrey Kahn, PhD, Nancy Kass, ScD, Maria Merritt, PhD, Govind Persad, JD, PhD, MPH, and Brendan Saloner, PhD, in advising and mentoring students.

The Berman Institute congratulates former students Carleigh Krubiner, PhD, and Lee-Lee Ellis, PhD, who graduated in May 2016.

### CERTIFICATE IN BIOETHICS AND PUBLIC HEALTH POLICY

Berman Institute faculty member Holly Taylor, PhD, MPH, directs this program, offered by the Department of Health Policy and Management in the Johns Hopkins Bloomberg School of Public Health. The certificate program is open to any graduate student already enrolled at Johns Hopkins University. Students complete 19 graded course units, with the aim of developing skill at recognizing and analyzing moral problems in public health practice, research, and health policy, and exploring how they apply to public policy debates. To date 20 students have completed the certificate program.

### BERMAN INSTITUTE BIOETHICS INTENSIVE (BI<sup>2</sup>) COURSES

Now in its fourth year, the BI<sup>2</sup> Program provides an engaging opportunity for health professionals, students, international scholars, Johns Hopkins faculty and staff, and the general public to enhance their knowledge of bioethics through an interactive short-course format taught by Berman Institute faculty. Courses, held in June during the two-week intersession between spring and summer terms, examine both theoretical and applied aspects of bioethics. In 2016, the Berman Institute offered the courses Foundations of Bioethics and Introduction to Ethics of Human Subject Research.



CLINICAL PROGRAMS

Faculty members from the Berman Institute lead efforts to create substantive educational experiences in clinical ethics for medical students, nursing students, residents, and other clinicians.

**MEDICAL STUDENTS:** The medical curriculum integrates themes of communication, cultural competence, ethics and professionalism, health disparities and health policy throughout the four-year curriculum. Courses and workshops are led by Berman Institute faculty members Mary Catherine Beach, MD, MPH, Zackary Berger, MD, PhD, Renee Boss, MD, Joseph Carrese, MD, MPH, Matthew DeCamp, MD, PhD, Gail Geller, ScD, MHS, Mark Hughes, MD, MA, Margaret Moon, MD, MPH, Marie Nolan, PhD, MPH, RN, FAAN, Peter Terry, MD, MS, and Yoram Unguru, MD, MS, MA.

**NURSING STUDENTS:** Ethics education is integrated throughout the Master of Science in Nursing and the doctoral nursing programs at the Johns Hopkins School of Nursing, including lectures by Berman Institute faculty member Marie Nolan, PhD, MS, MPH, also the Associate Dean for Academic Affairs in the School of Nursing. Cynda Rushton, PhD, RN, FAAN, the Anne and George L. Bunting Professor of Clinical Ethics at the Berman Institute and the School of Nursing, developed the Mindful Ethical Practice and Resilience Academy (MEPRA) to build moral resilience in novice nurses, which hosted its first cohort in spring 2016.

**RESIDENTS:** Under the leadership of Berman Institute faculty member Joseph Carrese, MD, MPH, FACP, the Ethics of Clinical Practice Project enhances ethics education in the Johns Hopkins University School of Medicine residency training programs. In fiscal year 2016, these Berman Institute faculty taught in eight residency programs that together reached approximately 400 residents: Child and Adolescent Psychiatry, Gynecology/Obstetrics, Medicine at both Johns Hopkins Hospital and Johns Hopkins Bayview Medical Center, Ophthalmology, Pediatrics, and Surgery.

Joining Prof. Carrese in teaching and mentoring residents are Berman Institute faculty members Zackary Berger, MD, PhD, Mark Hughes, MD, MA, FACP, and Margaret Moon, MD, MPH. In addition to resident training, they also lead ethics rounds on selected clinical units.

**CLINICAL COMMUNITY:** The Berman Institute website hosts the open-access Vision of Hope curriculum on the integration of palliative care in chronic pediatric disease. The curriculum provides evidence-based curricular materials designed in a training sequence of several pediatric palliative care principles relevant to interdisciplinary clinical team members.

The newly expanded “Ethics for Lunch” seminar series provides the entire hospital community with exposure to critical yet common clinical ethics issues.

*(For more on Ethics for Lunch, see the Outreach section.)*

GLOBAL BIOETHICS TRAINING PROGRAM

In June 2016 the Intensive Global Bioethics Training Program hosted three scholars from Liberia, thanks to a supplemental grant from the NIH Fogarty International Center. They joined trainees from the Johns Hopkins-Fogarty African Bioethics Training Program for a month-long training in the ethics of research in low- and middle-income countries.

Directed by Adnan Hyder, MD, PhD, MPH, Associate Director of Global Programs, and Nancy Kass, ScD, Deputy Director for Public Health, the program combines intensive coursework with applied, skills-oriented learning, as well as trips to federal agencies in Washington, DC.

The trainees enrolled in Berman Institute Bioethics Intensive Courses and met with key personnel from Johns Hopkins Institutional Review Boards (IRBs). They also participated in special seminars, mock IRB sessions, expert-led case discussions, student-led presentations, and meetings with bioethics faculty to receive mentorship and guidance related to educational, career, and research goals. In addition to formal coursework, activities included structured meetings with bioethics personnel at the National Institutes of Health (NIH), the Food and Drug Administration (FDA), and the Office for Human Research Protections (OHRP).

HECHT-LEVI FELLOWSHIP PROGRAM IN BIOETHICS

Designed to support early career development in bioethics, this two-year postdoctoral fellowship program is focused on individual research and publication, with Berman Institute faculty members mentoring fellows one-on-one. Fellows are in residence at the Berman Institute, taking part in weekly seminars, presentations, courses, and events hosted by the Berman Institute and across the University. They also take advantage of the proximity to policy-making within state and federal governments. The program is funded by a grant from the Hecht-Levi Foundation, a longtime supporter of bioethics, public health, and scholarship at Johns Hopkins University, as well as urban renewal and the arts in Baltimore.

Below are the 2015-2016 Hecht-Levi Fellows and their diverse areas of research:

**JANET CHILDERHOSE, PHD** The challenges that adolescents experience following treatment with adult medical interventions, specifically bariatric surgery.

**EMILY HAHN, MD** Decision-making and palliative care for infants in the neonatal intensive care unit, perceptions of disability, and the quality of life of medically complex children and their caregivers.

**STEPHANIE MORAIN, PHD** Political and ethical issues concerning the scope of government authority in public health.

**AMY PAUL, PHD** The moral foundations of responsibility to aid, and the challenges of allocating responsibility in a global context.

**YASHAR SAGHAI, PHD, MA** Studies that apply scientific rigor, artful skill, and practical imagination to anticipate or forecast possible futures of food systems.

**REBECCA SELTZER, MD** Ethical, psychosocial, and policy questions that arise when caring for children with medical complexity, particularly children in medical foster care.

**MIRIAM SHAPIRO, MD** Decision-making for medically complex and critically ill children, consent in pediatrics, and resource allocation and justice.



2016 TRAINEES, LEFT TO RIGHT: JOSEPH ZULU, PHD, IMELDA NAMAGEMBE, MPH, MMED, DOLLY NTSEANE, PHD

JOHNS HOPKINS-FOGARTY AFRICAN BIOETHICS TRAINING PROGRAM

This international research ethics capacity-building program serves as a coordinating center for the African Bioethics Consortium, which currently includes Johns Hopkins University; the University of Zambia, School of Medicine; Makerere University, College of Health Sciences; and the University of Botswana, Office of Research and Development.

Led by Adnan Hyder, MD, PhD, MPH, Associate Director of Global Programs, and Nancy Kass, ScD, Deputy Director for Public Health, the Consortium supports graduate-level bioethics training; development of institutional strategic and implementation plans for bioethics; individual and joint-research and evaluation projects; establishment of infrastructure to coordinate bioethics teaching, research, and service; inter-institutional exchanges and benchmarking; and resource sharing. The program is funded by the National Institutes of Health (NIH) Fogarty International Center and has trained 20 scholars in an intensive program, and 45 in an extended program, including a practicum at their home institution.





INSTITUTIONAL SERVICE

In addition to original research, scholarship, teaching, mentoring, and public awareness outreach, Berman Institute faculty members perform significant service within the Johns Hopkins community. Examples of this service are described below, followed by a listing of faculty members who serve in the various capacities.

As a matter of institutional policy, members of the Berman Institute faculty sit on all of the Institutional Review Boards (IRBs) of the Johns Hopkins Bloomberg School of Public Health and the Johns Hopkins School of Medicine, advising on matters of institutional policy regarding research with human participants.

Research that does not involve human participants, but does work with human pluripotent stem cells, is subject to oversight by the Johns Hopkins Institutional Stem Cell Research Oversight (ISCRO) Committee. This includes research with human embryonic stem cells, research involving somatic cell nuclear transfer (sometimes known as therapeutic cloning), and induced pluripotent stem cell research where the cells are introduced into humans; the cells are introduced into the nervous system of non-human primates; the cells are introduced into non-human animals and there is a significant possibility of the cells giving rise to sex cells; or research that could create human sex cells or embryos.

Several faculty members provide clinical ethics consultation to both healthcare providers and patients through their service on the Hospital Ethics Committees, both at Johns Hopkins Hospital and Johns Hopkins Bayview Medical Center. In addition to addressing ethical question

and concerns, these committees educate healthcare workers on how to resolve ethical dilemmas and consult on institutional ethical issues.

The Research Ethics Consulting Service (RECS), coordinated by Berman Institute faculty member Holly Taylor, PhD, MPH, is an experiment in extending ethics consultation—typically related to clinical issues—to the research setting. Prof. Taylor works with the Johns Hopkins Institute for Clinical and Translational Research to provide free, confidential ethics guidance to faculty, staff, trainees, and students from the Schools of Medicine, Nursing, Public Health, Engineering and the Kennedy Krieger Institute. Consults may be requested for ethical issues arising during study development, conduct, analysis, and publication.

HOSPITAL ETHICS COMMITTEES

- JOHNS HOPKINS HOSPITAL
- CYNDA RUSHTON, RN, PhD - CO-CHAIR
- MARK T. HUGHES, MD, MA - CO-CHAIR
- ZACKARY BERGER, MD, PHD
- RENEE BOSS, MD
- MEGAN COLLINS, MD
- DANIEL FINKELSTEIN, MD, MA

- MARGARET MOON, MD, MPH
- MARIE T. NOLAN, PHD, RN
- KEVIN RIGGS, MD
- PETER B. TERRY, MD, MA
- JOHNS HOPKINS BAYVIEW MEDICAL CENTER
- JOSEPH CARRESE, MD, MPH - CHAIR

INSTITUTIONAL REVIEW BOARDS

- MARY CATHERINE BEACH, MD, MPH — CO-CHAIR
- JOSEPH CARRESE, MD, MPH - CHAIR
- MATTHEW DECAMP, MD, PHD
- MARIA MERRITT, PHD
- MARGARET MOON, MD, MPH
- PETER B. TERRY, MD, MA

INSTITUTIONAL STEM CELL RESEARCH OVERSIGHT COMMITTEE

- JEREMY SUGARMAN, MD, MPH, MA — CO-CHAIR
- DEBRA MATHEWS, PHD, MA
- ALAN REGENBERG, MBE
- ANDREW SIEGEL, JD, PHD





ETHICS FOR LUNCH

In 2016 the Berman Institute inaugurated a new monthly seminar series at Johns Hopkins Hospital, in partnership with the Johns Hopkins Hospital Ethics Committee, titled “Ethics for Lunch.” This served to expand the program already underway at Johns Hopkins Bayview Medical Center.

At each seminar a medical ethics case study is presented and discussed by an expert panel, and then discussion is opened up to attendees. Past seminars have covered do-not-resuscitate orders, pediatric patients arriving late, and bias in treating pain.

Ethics For Lunch is open to the public every third Tuesday during the academic year, from 12 noon to 1:15 PM in the Johns Hopkins Hospital, Sheik Zayed Tower, Room 2117. CME credits are available, and lunch is provided. Seminars are recorded and available for viewing on the Berman Institute’s YouTube channel. For more information on upcoming seminars, visit: <http://www.bioethicsinstitute.org/efl>



OUTREACH AND RESEARCH SUPPORT STAFF, LEFT TO RIGHT: AMELIA HOOD, MAA, LEAH RAMSAY, ALAN REGENBERG, MBE

BIOETHICS BULLETIN – TOP STORIES

The Berman Institute's blog, the *Bioethics Bulletin*, presents original content, including analysis and opinion articles, along with a roundup of bioethics-related news from around the web. In nearly six years the Bioethics Bulletin has developed a loyal and growing following of visitors from around the globe, as well as hundreds of subscribers who receive a weekly digest of top stories.

*How Many Americans are Immunocompromised?*  
**THEO SCHALL, MSW**

*The Ethics of Eating*  
**JESS FANZO, PHD**

*What's the Scientific Basis for Transgender Healthcare?*  
**THEO SCHALL, MSW**

*Ebola: Nurses on the Front Line*  
**CYNDA RUSHTON, PHD, RN, FAAN**

*"A Gun is Not a Disease"*  
**ALAN REGENBERG, MBE**

*What is Bioethics?*  
**JOHNS HOPKINS SUMMER JOBS PROGRAM INTERNS: MAYA ROBERTS, ALEXIS SCOTT, SHABRIA SHARPE**

*CRISPR and Gene-Editing: The Basics*  
**PETER YOUNG, MBE**

*Play Review: Under the Skin*  
**PETER YOUNG, MBE**

*Chemotherapy Shortages and Difficult Choices*  
**LEAH RAMSAY**

*The Hard-Hitting Truths of Football Culture*  
**AMELIA HOOD, MA**

BERMAN INSTITUTE IN THE NEWS

A selection of the media outlets that quoted, published or mentioned the Berman Institute and its faculty this year:

ABCNEWS.COM

THE ADAPTORS

AHC MEDIA

AMERICAN ASSOCIATION OF MEDICAL COLLEGES REPORTER

ARS TECHNICA

ASSOCIATED PRESS

BALTIMORE SUN

BALTIMORE SUN — OPINION

BBC.COM — UNITED KINGDOM

BLOOMBERG BNA

BLOOMBERG BUSINESS

BIOETHICS.NET

BIONEWS

CANCER THERAPY ADVISOR

CAPITAL GAZETTE

CHEMICAL & ENGINEERING NEWS

CHEMISTRY WORLD

CNN.COM

PBS — CRONKITE NEWS

DAGENS NÆRINGSLIV — NORWAY

THE DAILY BEAST

DAILY MAIL

DAYTONA TIMES

DISPATCH TIMES

FORBES

FOX 45

FUSION

GENES TO GENOMES BLOG

GÉNÉTIQUE — FRANCE

GLOBALSECURITY.ORG

GRIST

THE GUARDIAN — UNITED KINGDOM

HEALTHCARE ECONOMIST

HEALTH LEADERS MEDIA

HEALTHLINE

HEMONC TODAY

THE HILL — OPINION

HYPE SCIENCE

INTERNATIONAL BUSINESS TIMES

INTERNATIONAL JOURNAL OF FEMINIST APPROACHES TO BIOETHICS BLOG

ITV.COM — UNITED KINGDOM

JOHNS HOPKINS — ARTS & SCIENCES MAGAZINE

JOHNS HOPKINS — HUB

JOHNS HOPKINS MEDICINE — THE DOME

JOHNS HOPKINS BLOOMBERG SCHOOL OF PUBLIC HEALTH — GLOBAL HEALTH NOW

KAISER HEALTH NEWS

KSFR — HERE AND THERE WITH DAVE MARASH

LANCET RESPIRATORY MEDICINE — SPOTLIGHT — UNITED KINGDOM

LOS ANGELES TIMES

MCCLATCHY DC

MEDICAL ETHICS ADVISOR

MEDPAGE TODAY

MILITARY TIMES

THE MONITOR

MOTHER JONES

MOSAIC SCIENCE

NATURE — NEWS

NEWSDAY

NUFF' SAID BLOG

THE NEW YORK TIMES

THE NEW YORK TIMES — LETTER TO THE EDITOR

THE NEW YORK TIMES — RETRO REPORT

THE NEW YORK TIMES — ROOM FOR DEBATE

THE NICHE BLOG

NPR — GOATS AND SODA BLOG

NPR — SHOTS BLOG

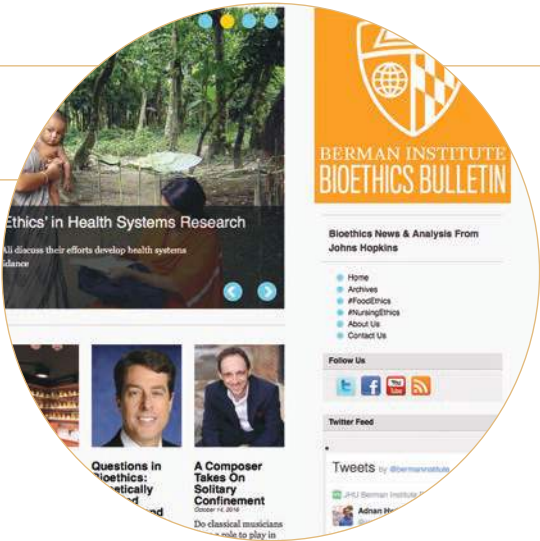
NURSE.COM

ONCOLOGY NURSE ADVISOR

PAIN MEDICINE NEWS

POPULAR SCIENCE

PRESIDENTIAL COMMISSION FOR THE STUDY OF BIOETHICAL ISSUES BLOG



PROPUBLICA

PBS NEWSHOUR

PHILLY VOICE

QUARTZ

RADIO HEALTH JOURNAL

RNEWS

REUTERS

SCIENCE — NEWS

THE SCIENTIST

STAT

TIME

THE TIMES — UNITED KINGDOM

US NEWS & WORLD REPORT

VICE NEWS

WASHINGTON POST

WA TODAY

WIRED

WIRED UK

WAMU — THE DIANE REHM SHOW

WNYC — THE LEONARD LOPATE SHOW

WNYC — THE TAKEAWAY

WORKFORCE POINT

WPR — CENTRAL TIME

WYPR — MIDDAY





SELECTED PRESENTATIONS



JEREMY SUGARMAN, MD, MPH, MA

**ALI, J., PRATT, B.** (July 2015). **Scoping review on the ethics of health policy and systems research.** Joint Alliance for Health Policy & Systems Research - World Health Organization Meeting on Ethics Guidance for Health Policy & Systems Research, University of Zurich, Institute of Biomedical Ethics and History of Medicine, Zurich, Switzerland.

**ALI, J.** (October 2015). **Experiences advising on research ethics related to Ebola.** Fogarty International Research Ethics Training Program Network Meeting, Fogarty International Center, National Institutes of Health, Bethesda, MD.

**ALI, J.** (October 2015). **Developing a tool to assess ethics committee needs in low- and middle-income countries.** Fogarty International Research Ethics Training Program Network Meeting, Fogarty International Center, National Institutes of Health, Bethesda, MD.

**ALI, J.** (October 2015). **Introductory remarks.** Human Genomics Research Plenary Meeting, University of Botswana with Botswana Ministry of Health, Gaborone, Botswana.

**ALI, J., KASULE, M.** (October 2015). **Best practices for Institutional Review Boards — a benchmarking exercise.** University of Botswana. Gaborone, Botswana.

**ALI, J.** (February 2016). **Harms, benefits, and the nature of interventions in pragmatic clinical trials.** Pragmatic Clinical Trials Grand Rounds, National Institutes of Health Collaboratory, online.

**ALI, J.** (May 2016). **Ethics in international industrial hygiene panel.** American Industrial Hygiene Conference & Exposition, Baltimore, MD.

**ALI, J.** (June 2016). **Towards the development of ethics guidance for the conduct and review of health policy and systems research.** International Association of Bioethics Annual Meeting, Edinburgh, Scotland.

**BAILEY, T.** (October 2015). **Ethical and legal issues associated with the use of genomic information in the context of pandemic influenza.** American Society of Human Genetics Annual Meeting, Baltimore, MD.

**BAILEY, T., LEWIS, M.** (October 2015). **An unreasonable lack of accommodation? GINA and the legal issues of using human genetics in workplace infectious disease control.** American Society of Human Genetics Annual Meeting, Baltimore, MD.

**BAILEY, T.** (April 2016). **Social justice and ethical considerations in WHO STH control guidelines: Disadvantage, disparity, distribution, deliberation, and duty in deworming.** WHO guideline development group meeting on the global control of soil transmitted helminth infections in high risk groups, Geneva, Switzerland.

**BAILEY, T.** (April 2016). **What we talk about when we talk about plagues: Five parables of infectious disease control for a deliberative democracy.** Aggie Agora lecture series, Texas A&M University, College Station, TX.

**BEACH, M.C.** (August 2015). **Deepening understanding of communication using mixed methods research.** European Association of Communication in Healthcare First Annual Summer Event, London, UK.

**BEACH, M.C.** (August 2015). **Optimizing mentoring relationships.** Bezmialem University School of Medicine, Istanbul, Turkey.

**BERGER, Z.** (July 2015). **Symposium: Uncertainty and shared decision making.** International Society for Evidence-Based Healthcare and International Shared Decision-Making Joint Meeting, Sydney, Australia.

**BERGER, Z.** (December 2015). **Uncertainty in shared decision making: Towards a research agenda.** Informed Medical Decisions Foundation, Boston, MA.

**BERGER, Z.** (December 2015). **Assisted decision making: Practice vs. algorithm in Psak Halachah and medicine.** Association of Jewish Studies Annual Meeting, Boston MA.

**BLACK, B., TAYLOR, H., RABINS, P.** (November 2015). **Experiences and perspectives of study partners involved in dementia research.** 8th Conference on Clinical Trials on Alzheimer’s Disease, Barcelona, Spain.

**CARRESE, J.** (April 2016). **Managing problematic patient preferences: Challenges and strategies.** Temple University Hospital’s 2016 Ethics Symposium Grand Rounds, Philadelphia, PA.

**CARRESE, J.** (April 2016). **A discussion of HCEC pearls and pitfalls: Suggested dos and don’ts for healthcare ethics consultations.** Temple University Hospital’s 2016 Ethics Symposium Grand Rounds. Philadelphia, PA.

**CARRESE, J.** (April 2016). **Integrating ethics into health professions education and residency training including a focus on wellness in professionalism education.** Annual Conference of the Academy for Professionalism in Health Care, Philadelphia, PA.

**CARRESE, J.** (May 2016). **Treating patients and family members with respect and dignity.** Johns Hopkins Bayview Medical Center Diversity Council Presentation. Baltimore, MD.

**CHILDERHOSE, J.** (January 2016). **Controversy? What controversy? The uneven depiction of adolescents in clinical practice guidelines for bariatric surgery.** Making Standards Workshop, Dalhousie University, Nova Scotia, Canada.

**DECAMP, M.** (September 2015). **Meaningfully engaging patients in ACO Governance.** American College of Healthcare Trustees Panel, Washington, DC.

**DECAMP, M.** (October 2015). **Meaningfully engaging patients in ACO decision-making.** American Journal of Managed Care’s ACO and Emerging Healthcare Delivery Coalition Fall 2015 Live Meeting, Palm Harbor, FL.

**DVOSKIN, R., BAILEY, T., LEWIS, M., KAHN, J., GELLER, G.** (October 2015). **Ethical, legal and social implications of the application of genomics to infectious disease prevention, treatment and outbreak control.** American Society of Human Genetics Annual Meeting, Baltimore, MD.

**FADEN, R.** (June 2015) **Sustainable food politics and ethics.** 4th Stavros Niarchos Foundation International Conference on Philanthropy, Athens, Greece.

**FADEN, R., KASS, N., DICKERT, JR., N., GERSON, J.** (October 2015). **Progress in building a patient-centered comparative clinical effectiveness research community.** 2015 Patient-Centered Outcomes Research Institute Annual Meeting, Arlington, VA.

**FADEN, R.** (May 2016). **Charting a path forward: The future of bioethics advisory bodies.** Public Meeting of the Presidential Commission for the Study of Bioethical Issues, Washington, DC.

**FANZO, J.** (September 2015). **Ethical considerations for food and nutrition security in context of sustainable development goals.** Department of International Health, Bloomberg School of Public Health, Johns Hopkins University, Baltimore, MD.

**FANZO, J.** (November 2015). **Ask Ag about... The interactions between climate change and nutrition.** Agrilinks and International Food Policy Research Institute, online.

**GELLER, G.** (October 2015). **6th Annual Henrietta Lacks Memorial Lecture,** Johns Hopkins University, Baltimore, MD.

**GELLER, G.** (November 2015). **Trust, integrity and ethics in omics research: From individual misconduct to responsible systems and cultural change.** Fifth Seattle Symposium on Biostatistics, Seattle, WA.

**GELLER G.** (June 2016). **The practice of respect: The next frontier in preventing patient harm.** Beth Israel Deaconess Medical Center, Boston, MA.

**HAYWOOD JR., C.** (July 2015). **Journeys in healthcare: A conversation about the healthcare system and the community.** Journeys in Medicine: Exploring the Roles Race and Community Play in Shaping the DOM, Johns Hopkins University School of Medicine, Baltimore, MD.

**HUGHES, M.** (July 2015). **Got ethics? Building an ethical culture.** Maryland Association of Healthcare Executives, Baltimore, MD.

**HUGHES, M.** (July 2016). **Primary palliative care: What every clinician should know.** End of Life Care: Empowering Your Patient. St Joseph Mercy Oakland Medical Center, Bloomfield Hills, MI.

**HUGHES, M.** (December 2015). **When cultures collide: Surfing the tsunami of family loss.** VII International Symposium on Brain Death and Disorders of Consciousness, Havana, Cuba.

**HUGHES, M.** (February 2016). **Helper or healer or both? Responding to requests for PAS/PAD/AID.** Johns Hopkins Blaustein Pain Conference, Baltimore, MD.

**HUGHES, M.** (March 2016). **Complex issues and ethical dilemmas in caring for vulnerable adults.** Edmund G. Beacham 43rd Annual Current Topics in Geriatrics, Baltimore, MD.

**JAMAL, L.** (June 2015). **Towards equity in genomic medicine: Bridging the evidence gap for diverse populations.** Translation in Healthcare - Exploring the Impact of Emerging Technologies, Oxford, England.

**KAHN, J.** (June 2015) **Sustainable public health ethics infrastructure and guidance following epidemics.** 4th Stavros Niarchos Foundation International Conference on Philanthropy, Athens, Greece.

**KAHN, J.** (June 2015). **Congressional Hearing on the Science and Ethics of Genetically Engineered Human DNA,** House Subcommittee on Research and Technology, Washington, DC.

**KAHN, J.** (July 2015). **Introduction to the US Institute of Medicine’s project on ethical and social policy considerations of novel techniques for prevention of maternal transmission of mitochondrial DNA diseases.** International Germline Modification Meeting, Bioethics Advisory Committee Singapore. Singapore.

**KAHN, J.** (July 2015). **Ethics and big data research in HIV.** National Institute of Allergy and Infectious Diseases Workshop on Big Data and HIV, Bethesda, MD.

**KAHN, J.** (November 2015). **The ethical boundaries of human research.** 2015 University of California Center for Biotechnology and Global Health Policy Stem Cell Symposium, Irvine, CA.

**KAHN, J.** (May 2016). **Genetics, ethics, and human spaceflight.** Personal Genetics Education Project Congressional Briefing, Washington, DC.

**KAHN, J.** (May 2016). **Mitochondria replacement: Ethics, policy, and implications.** Pediatric Grand Rounds, Sinai Hospital, Baltimore, MD.

**KAHN, J.** (June 2016). **Human spaceflight ethics and obligations: Options for monitoring, diagnosing, and treating former astronauts.** Space Subcommittee Hearing, Washington, DC.

**KASS, N.** (June 2015) **Sustaining research outcomes into practice.** 4th Stavros Niarchos Foundation International Conference on Philanthropy, Athens, Greece.

**KASS, N. HYDER, A., ALI J., HALLEZ, K.** (October 2015). **4th Annual African Bioethics Consortium Meeting.** University of Botswana, Gabarone, Botswana.

**KASS, N., DUNBAR, N.** (November 2015). **Adaptive trial design.** Global Forum on Bioethics in Research Meeting, Annecy, France.

**KASS, N.** (May 2016). **Henrietta Lacks & HeLa cells.** Henrietta Lacks High School Symposium, Johns Hopkins University, Baltimore, MD.

**KASS, N.** (June 2016). **Ethics issues in randomized trials.** Brocher Foundation, Geneva, Switzerland.

**KRUBINER, C.** (April 2016). **Ethics and equity in priority-setting for universal health coverage.** Workshop on Health Technology Assessment, Jakarta, Indonesia.

**MATHEWS, D.** (June 2015). **Opening Address.** National Coordinating Center for the Regional Genetic Service Collaboratives’ Addressing and Paying for Genetic Services in Integrated Delivery Systems Meeting, Washington, DC.

**MATHEWS, D.** (June 2015). **Explore the ethical, social, policy, and legal implications impacting the adoption of genomics in healthcare.** Festival of Genomics, Boston, MA.

**MATHEWS, D., BOLLINGER, J., DVOSKIN, R., MCCAGUE, A.** (October 2015). **Families at risk: Long-term impact of Huntington’s presymptomatic genetic testing.** American Society of Human Genetics Annual Meeting, Baltimore, MD.

**MATHEWS, D.** (October 2015). **Implementing gray matters: Perspectives on Bioethics Commission recommendations.** Annual Meeting of the International Neuroethics Society, Chicago, IL.

**MATHEWS, D.** (November 2015). **Media briefing. International Summit on Human Gene Editing,** Genetic Expert New Service, Washington, DC.

**MATHEWS, D.** (June, 2016). **Ethical implications of genome editing technologies.** International Society of Stem Cell Research (ISSCR) Ethics Committee Panel, 2016 ISSCR Annual Meeting, San Francisco, CA.

**MATHEWS, D.** (June, 2016). **Our brain, ourselves, our world.** Ashridge House, London, UK.

**HENRY, L. M.** (June 2015). **Addressing ethical challenges for enrolling at-risk adolescents in research.** Public Responsibility in Medicine and Research 2015 Advancing Ethical Research Conference, Boston, MA.

**HENRY, L. M.** (October 2015). **What do clinical researchers and sponsors owe to host communities?** International Roundtable on Clinical Trials and Access to Essential Medicines in African Countries, University of Maryland Carey School of Law, Baltimore, MD.

**HENRY, L. M.** (November 2015). **Examining mature minor consent for participation in HIV research.** Department of Bioethics of the National Institutes of Health, Bethesda, MD.



SELECTED PRESENTATIONS

**MERRITT, M., BAILEY, T.** (July 2015). **Investing in justice: Ethics, evidence, and the eradication investment cases for lymphatic filariasis and onchocerciasis.** Impacts of Investments to Reach Elimination and Eradication of Neglected Tropical Diseases, 11th World Congress in Health Economics of the International Health Economics Association, Milan, Italy.

**MERRITT, M.** (In absentia) With Sripad P, Ozawa S, Kerrigan D, Jennings L, Ndwiga C, Abuya T, Warren C. (October 2015). **What determines trust in maternity care?** Cross-perspective findings from Peri-Urban Kenya. Global Maternal Newborn Health Conference, Mexico City, Mexico.

**MOON, M.** (April 2016). **Bringing professionalism forward: Forging a new organizational focus on professional practice.** Annual Conference of the Academy for Professionalism in Health Care, Philadelphia, PA.

**OKEKE, C.** (May 2016). **A discussion on health, race, and society.** Henrietta Lacks High School Symposium, Johns Hopkins University, Baltimore, MD.

**RABINS, P.** (June 2015). **HCN presents: Living with dementia.** 2015 Aspen Ideas Festival, Aspen Institute, Aspen, CO.

**RABINS, P.** (March 2016). **Ethical and legal aspects of sexual activity in residents of long-term care facilities.** American Bar Association Health Law Section 17th Annual Conference on Emerging Issues in Healthcare Law, San Diego, CA.

**RODGERS, J.** (October 2015). **Organizing judge,** Annual Victor Cohn Prize for Medical Reporting, Council for the Advancement of Science Writing, Cambridge, MA.

**ROTHENBERG, K.,** Bush, L. (October 2015). **The complexity of uncertainty & certainty.** American Society of Human Genetics 65th Annual Meeting, Baltimore, MD.

**ROTHENBERG, K.** (October 2015). **Genomics in play: The drama of DNA.** BioData World Congress, Wellcome Trust Conference Center, Cambridge, England.

**ROTHENBERG, K.,** Bush, L. (October 2015). **Expressing uncertainty: Pediatric genomics in play.** American Society for Bioethics + Humanities 17th Annual Meeting, Houston, TX.

**ROTHENBERG, K.,** Bush, L. (November 2015). **DNA in play: The ABC’s of assent, blurred boundaries, capacity, disclosure, ethics, families.** Public Responsibility in Medicine and Research 2015 Advancing Ethical Research Conference, Boston, MA.

**RUBENSTEIN, L.** (June 2015). **Health needs of populations displaced by conflict and political upheaval.** Cut Off from Care – The Health Crisis of Populations Displaced by Conflict in the Middle East, Middle East Institute, Washington, DC.

**RUBENSTEIN, L.** (August 2015). **Humanity in war live-stream series: A conversation with Leonard Rubenstein.** American Red Cross' Humanity in War Livestream series, Washington, DC.

**RUBENSTEIN, L.** (October 2015). **How should the international community respond to systematic violence against civilians in the Middle East?** Conference on Confronting Religious Violence, Union Theological Seminary, New York, NY.

**RUBENSTEIN, L.** (October 2015). **Strategies for protection of health care in Syria.** Annual Symposium of the Syrian American Medical Society, Washington, DC.

**RUBENSTEIN, L.** (October 2015). **Health professionals and human rights: A conversation with Leonard Rubenstein.** Committee on Human Rights luncheon, National Academy of Medicine Annual Meeting, Washington, DC.

**RUBENSTEIN, L.** (December 2015). **Protecting hospitals & health workers in Syria.** Union of Medical Care and Relief Organizations, The Syrian American Medical Society, Syrian Expatriates Medical Association, Physicians Across Continents, and Al-Sham Humanitarian Foundation, Geneva, Switzerland.

**RUBENSTEIN, L.** (February 2016). **National security, ethics, and global health.** George Mason University, Washington, DC.

**RUBENSTEIN, L.** (March 2016). **Human rights and health reconstruction after conflict.** Conference of the Syrian American Medical Society, Dohar, Qatar.

**RUBENSTEIN, L.** (March 2016). **Lessons learned: The consequences of failing to take a human rights approach to health reconstruction: lessons from Kosovo.** Conference of the Syrian American Medical Society, Dohar, Qatar.

**RUBENSTEIN, L.** (May 2016). **Strategies to protect health workers in conflict panel.** World Humanitarian Summit, Istanbul, Turkey.

**RUBENSTEIN, L.** (May 2016). **Statement on World Health Organization emergency response program reform.** World Health Organization, Geneva, Switzerland.

**RUBINSTEIN, L.** (May 2016). **Statement on global health workforce strategy.** World Health Assembly, Geneva, Switzerland.

**RUBENSTEIN, L.** (June 2016). **Health Impacts of the war in Syria.** Role of Science Diplomacy in International Crises: Syria as a Case Study, American Association for the Advancement of Science, Washington, DC.

**RUBENSTEIN, L.** (June 2016). **Losing lives to save lives: Targeting humanitarian workers in conflict zones.** Council on Foreign Relations, New York, NY.

**RUBENSTEIN, L.** (June 2016). **Safeguarding health access in conflict, upholding international humanitarian law.** United Nations Global Protection Cluster, United Nations, New York, NY.

**SAGHAI, Y.** (February 2016). **Embedded health and wellness nudges in the workplace: From libertarian paternalism to workplace democracy.** Annual Meeting of the American College of Preventive Medicine, Washington, DC.

**SAGHAI, Y.,** Barnhill, A. (March 2016). **Ethics of consumption of animal source foods in high-, middle-, and low-income countries.** Annual Meeting of the American Philosophical Association, Central Division, Chicago, IL.

**SAGHAI, Y.** (April 2016). **Anticipating the futures of food systems: Ethical and political issues.** 2nd Annual Mid-Atlantic Bioethics Fellows Symposium, University of Pennsylvania, Philadelphia, PA.

**SAGHAI, Y.** (June 2016). **Global bioethics, human rights, and the demands of the transitional food sovereignty movement.** Meeting of the International Association of Bioethics, Edinburgh, Scotland.

**SAGHAI, Y.** (June 2016). **Building an innovative research agenda for global food ethics.** Meeting of the International Association of Bioethics, Edinburgh, Scotland.

**SUGARMAN, J.** (July 2015). **Ethics and IRB Operations Training.** International Clinical Studies Support Center, Bangkok, Thailand.

**SUGARMAN, J.** (September 2015). **Fundamentals of International Clinical Research Training.** International Clinical Studies Support Center, Bangkok, Thailand.

**SUGARMAN, J.** (September 2015). **Reconsidering Old Habits: Addressing the Ethical and Regulatory Issues in Pragmatic Clinical Trials and Comparative Effectiveness Research.** Western IRB-Copernicus Group Annual Training, Seattle, WA.

**SUGARMAN, J.** (September 2015). **Master Series on Cure Research,** 2015 United States Conference on AIDS, Washington, DC.

**SUGARMAN, J.** (October 2015). **Ethical Issues in Advancing the Use of Stem Cells to Treat Motor Neuron Disease.** Motor Neuron Disease Symposium. University of Queensland, Brisbane, Australia.

**SUGARMAN, J.** (November 2015). **Uses and Limitations of Medical Innovation,** Towards Consensus on Marketing and Regulation of Emerging and Unproven Stem Cell Treatments Workshop. Brocher Foundation, Hermance, Switzerland.

**SUGARMAN, J.** (December 2015). **Making Ethical Scientific Progress: The Role of Human Subjects Protection Programs in the United States.** Tokyo Medical and Dental University, Tokyo, Japan.

**SUGARMAN, J.** (March 2016). **Managing Patients' Expectations for Stem Cell Treatments in Clinical Practice.** University of Melbourne, Melbourne, Australia.

**SUGARMAN, J.** (March 2016). **The Next Pandemic — A Hypothetical.** Melbourne Convention and Exhibition Centre, Melbourne, Australia.

**SUGARMAN, J.** (March 2016). **Ethics and Innovation in the Clinical Translation of Stem Cell Research.** University of Sydney, Sydney, Australia.

**SUGARMAN, J.** (March 2016). **Updating International Ethics Guidelines for Stem Cell Research,** 8th Regional Conference on Stem Cells: Promises and Controversies. Arabian Gulf University, Manamah, Bahrain.

**SUGARMAN, J.** (April 2016). **Challenging the Status Quo: Journal Club Discussion.** 2016 Forum on Conflict of Interest in Academe Meeting, Seattle, WA.

**SUGARMAN, J.** (April 2016). **Fundamentals of International Clinical Research Training.** International Clinical Studies Support Center, Buenos Aires, Argentina.

**SUGARMAN, J.** (May 2016). **Addressing the Ethical and Regulatory Issues in Pragmatic Clinical Trials.** Ethical and Regulatory Issues of Pragmatic Clinical Trials Workshop. National Institutes of Health, Bethesda, MD.

**SUGARMAN, J.** (May 2016). **Fogarty International Center China Bioethics Workshop.** Shanghai University of Traditional Medicine and University of Pittsburgh, Shanghai, China.

**SUGARMAN, J.** (June 2016). **Ethical Aspects of Gene Editing, Ethical Implications of Genome Editing Technologies Focus Session.** International Society for Stem Cell Research Annual Meeting, San Francisco, CA.

**TAYLOR, H.,** Wilfond, B., Cho, M., Porter, K., Danis, M. (October 2015). **Novel approaches in research ethics consultation: The impact of collaboration.** American Society of Bioethics and Humanities Annual Meeting 2015, Houston, TX.

**TAYLOR, H.** (October 2015). **Behavioral challenges in biomedical prevention and the conduct of effective, ethical research.** 2015 National Meeting of the CFAR Social and Behavioral Sciences Research Network, Integrating Social, Behavioral, and Biomedical Strategies: The Future of the HIV/AIDS Prevention and Care Research, Baltimore, MD.

**TAYLOR, H.,** Rutkow, L., Barnett, D. (November 2015). **Public policy, public health workers, and infectious disease response: An analysis of focus group data.** American Public Health Association Annual Meeting 2015, Chicago, IL.

**TAYLOR, H.,** Ervin, A.M. (November 2015). **Questions about central IRBs: How can we use empirical research to find answers?** Public Responsibility in Medicine and Research, 2015 Advancing in Ethical Research Annual Meeting, Boston, MA.

**UNGURU, Y.** (October 2015). **When kids and parents do the darnedest things: Responding to refusal of care for favorable prognosis cancer.** Cleveland Clinic, Cleveland, OH.

**UNGURU, Y.** (October 2015). **Making the most of difficult decisions and tragic choices: An ethical framework for allocating scarce Lifesaving chemotherapy for children with cancer.** Pediatric Grand Rounds, Cleveland Clinic, Cleveland, OH.

**UNGURU, Y.** (October 2016). **A framework for ethical allocation of scarce lifesaving chemotherapy for children with cancer.** Bioethics Session of the Children's Oncology Group Fall Meeting, Dallas, TX.

**UNGURU, Y.** (January 2016). **Refusing the refusal. Saying “no” to parents and children who refuse care for favorable prognosis cancer.** Pediatric Grand Rounds, Sinai Hospital, Baltimore, MD.

**UNGURU, Y.** (April 2016). **Shortages of drugs, surpluses of ethical challenges: An allocation framework for childhood cancer.** Leikin Lecture, Children's National Medical Center Bioethics Day, Washington, DC.

**UNGURU, Y.** (April 2016). **You cannot be serious! Ethical and developmental reflections on adolescents & parents who refuse lifesaving therapies for curable cancers.** Leikin Lecture, Children's National Medical Center Bioethics Day, Washington, DC.

**UNGURU, Y.** (May 2016). **Navigating the challenges when there is disagreement in care.** 29th Annual Meeting of the American Society for Pediatric Hematology/ Oncology, Minneapolis, MN.

**UNGURU, Y.** (May 2016). **Caring for sick children is hard enough without drug shortages: An ethical framework modeled in childhood cancer.** New England Regional Annual Comprehensive Hemophilia Meeting, Hartford, CT.

**UNGURU, Y.** (June 2016). **When drugs are short, but the ethical challenges are long: The absurdity of having to choose which children with cancer receive life-saving chemotherapy.** International Society for Pharmaceutical Engineers, Data Integrity and Quality Manufacturing Conference, Bethesda, MD.

**UNGURU, Y.** (June 2016). **Ethical considerations in clinical research: A child-centered approach.** Hydrocephalus: Together Towards Tomorrow, Hydrocephalus Association's 14th Annual Conference, Minneapolis, MN.







FACULTY

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Research Scholar

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Research Scholar

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Marjorie Cook Professor of Law; founding Director of the Law & Health Care Program, University of Maryland Carey School of Law



BRENDAN SALONER, PHD,

joined the Berman Institute faculty in 2015 and also holds an appointment as an Assistant Professor in the Department of Health Policy and Management in the Johns Hopkins Bloomberg School of Public Health. His research includes issues surrounding the financing of health services for vulnerable populations, healthcare reform, and substance abuse treatment.

In fall 2015, Prof. Saloner was one of five Anniversary Fellows named to the National Academy of Medicine, specifically selected to be the inaugural Greenwall Fellow in Bioethics. For two years, Prof. Saloner will continue his work at Johns Hopkins while working with the National Academy's Health and Medicine Division. He is analyzing ethical issues related to proposals to include social risk factors in value-based payments in the Medicare program. The Anniversary Fellows Program is designed to assist early career health and science scholars in furthering their careers as future leaders in the field.

“Healthcare policy raises ethical questions about how we can use limited resources to fairly meet the needs of diverse, and often marginalized, communities. Combining my ethics background with empirical methods enables me to simultaneously frame these difficult questions and measure the possible tradeoffs,” Prof. Saloner said.





HONORS, AWARDS, AND PROMOTIONS

**JOSEPH ALI, JD**, was appointed Associate Faculty in the Department of International Health at Johns Hopkins Bloomberg School of Public Health.

**MARY CATHERINE BEACH, MD, MPH**, was promoted to Professor of Medicine in the Johns Hopkins School of Medicine.

**ZACKARY BERGER, MD, PHD**, was named a member of the editorial board of the journal *The Patient — Patient-Centered Outcomes Research*.

**MATTHEW DECAMP, MD, PHD**, was elected as a Fellow of the American College of Physicians.

**LEE-LEE ELLIS, PHD**, and **CARLEIGH KRUBINER, PHD**, alumni of the Berman Institute doctoral program, were inducted into Delta Omega, Alpha Chapter. Delta Omega is the national honor society for public health.

**JESSICA FANZO, PHD**, was appointed Project Team Leader for the “Nutrition and Food Systems” work of the High Level Panel of Experts on Food Security and Nutrition of the United Nations Committee on World Food Security.

**TOM FINUCANE, MD**, was inducted into the newly formed Distinguished Teaching Society of the Johns Hopkins School of Medicine: a new program that recognizes residents and faculty who demonstrate the highest standards of excellence in clinical teaching.

**MARK HUGHES, MD, MA**, was elected as a Fellow of the American College of Physicians.

**ADNAN HYDER, MD, PHD, MPH**, was named to the Lancet Commission on Reframing Non-Communicable Diseases and Injuries for the Poorest Billion.

**NANCY KASS, SCD**, was named chairperson of the institutional review board for the Precision Medicine Initiative Cohort Study.

**MARIA MERRITT, PHD**, received recognition from the Johns Hopkins Bloomberg School of Public Health for excellence in teaching for her course Ethics of Public Health Practice in Developing Countries.

**MARGARET MOON, MD, MPH**, was appointed Associate Vice Chair for Professional Practice for the Johns Hopkins Children’s Center and Physician Advisor for the Department of Pediatrics. With this new role, Prof. Moon joins the Division of Quality and Safety within the Johns Hopkins Children’s Center.

**LEONARD RUBENSTEIN, JD, LL.M.**, was appointed to be a member of the American Psychological Association’s Commission on Ethics Processes.

**BRENDAN SALONER, PHD**, was selected as the inaugural recipient of the Greenwall Fellowship in Bioethics at the National Academy of Medicine.

**THEO SCHALL, MSW**, was named Managing Editor of *AJOB Empirical Bioethics*.

**HOLLY TAYLOR, PHD, MPH**, was named Editor-in-Chief of *AJOB Empirical Bioethics*.

**YORAM UNGURU, MD, MS, MA**, achieved “All Star Champion Status” through the LifeBridge Health Champion of Care program.

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“I am deeply committed to developing improved practices and policies for delivering the best and most effective healthcare. I am proud to support the work of Dr. Renee Boss, a neonatologist and bioethicist who wrestles with the most difficult questions of all: how best to care for children with serious health conditions. With Dr. Boss’ help, I look forward to a day when we have a healthcare system that cares for all in a just and meaningful way.”

For 21 years, the Johns Hopkins Berman Institute of Bioethics has tackled moral challenges that have no easy resolutions. As an independent, interdisciplinary center of scholarship and research, the Institute stands as one of the world’s leading centers for ethical dilemmas in science, patient care, and public health, impacting policy in areas of tremendous humanitarian importance.

With support from committed partners like Judy Starkey, the Berman Institute is poised to continue its mission of training, research, and scholarship — ultimately serving patients and the public through improved protocols that respect the rights and safety of all persons.

So much of the Berman Institute’s vital mission is dependent on philanthropic support. Through annual and campaign gifts, the Institute is able to support faculty, students, and facilities. Please join Judy Starkey and others who understand the critical need for bioethics scholarship and research. The work generated at the Berman Institute will continue to impact policies and practices that make the world a more ethical, safe, and respectful place. And that is important to all of us.

If you would like to learn more about supporting the Berman Institute of Bioethics, please contact our Assistant Director of Development Becky Barnes at [beckybarnes@jhu.edu](mailto:beckybarnes@jhu.edu) or 410-614-5506.







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