



THE HASTINGS CENTER

# Advancing Health Equity



Annual Report 2022

# CONTENTS

1	From the President
2	Remembering Willard Gaylin
4	Focusing on Equity
10	Improving Health and Health Care
15	Working for the Wise Use of Technology
18	2022 Hastings Center Projects
19	Our Team
20	2022 Donors
23	The Beneficence Society
24	Statement of Financial Position
<i>inside</i>	2022 Board of Directors
<i>back</i>	
<i>cover</i>	



Mildred Z. Solomon  
President and CEO

## FROM THE PRESIDENT

Dear Friends and Colleagues,

This 2022 annual report will be released in June 2023 almost to the day, 11 years ago, that I took on the leadership of The Hastings Center. What a gratifying, often joyful, always meaningful journey it has been. As the old saw puts it, everything worthwhile requires work, and so many of us—staff, board, advisers, donors, partners, funders—have worked together to meet a dizzying array of challenges. In 2012, writing on the pages of the *Hastings Center Report*, I promised that Hastings would continue “seeking the unseen.” By that I meant that our research would, as it always has, look behind headlines and question bromides, identifying value conflicts and areas of potential compromise that often remain invisible until they can be illuminated through careful analysis and respectful dialogue. I also promised that the Center would increasingly focus on advancing justice, both in its scholarship and by working to build a more diverse and inclusive field.

Together we have made considerable progress on those commitments, and 2022 is a good example. The year began with a two-day Health Equity Summit (p. 5), which thousands of people attended remotely. Keynoted by Pulitzer Prize-winning author Isabel Wilkerson, it explored the historical laws and regulations which assured residential segregation and how that led to inequality in the social determinants of health, like housing and education, resulting in deep inequities in health outcomes. We also invited scholars of color to serve as guest editors for a special report on systemic racism and Black leadership in bioethics, published in March (pp. 6-7). We continued our work building an early-career pipeline to ensure a more diverse bioethics workforce, welcoming our second cohort of Sadler Scholars and establishing a summer program to introduce undergraduates from underrepresented communities to this exciting field (pp. 7-8).

We called on the health care industry to do its part to reduce global warming (p. 13), responded to the historic U.S. Supreme Court decision eliminating a Constitutional right to abortion (p. 11), and grew our research staff with two new wonderful early-career scholars (p. 17). Hastings researchers answered more than 200 requests for background from journalists on a wide array of topics from pig-to-human organ transplantation to housing policy for our aging population, and our online publication of commentary exploded with 53 new posts read by hundreds of thousands. The Robert W. Wilson Charitable Trust continued to offer matching gifts to the Center for all newly documented bequest or similar planned gift intentions from supporters joining our Beneficence Society; on page 23, you can read Nancy Press’ beautiful comments about what it has meant to her to make Hastings part of her legacy. Sadly, at the end of the year came the loss of our beloved Willard Gaylin, an acclaimed psychiatrist and psychoanalyst, who co-founded the Center with Dan Callahan. Tributes to Will and highlights of his distinguished career and charismatic leadership are on pages 2-3.

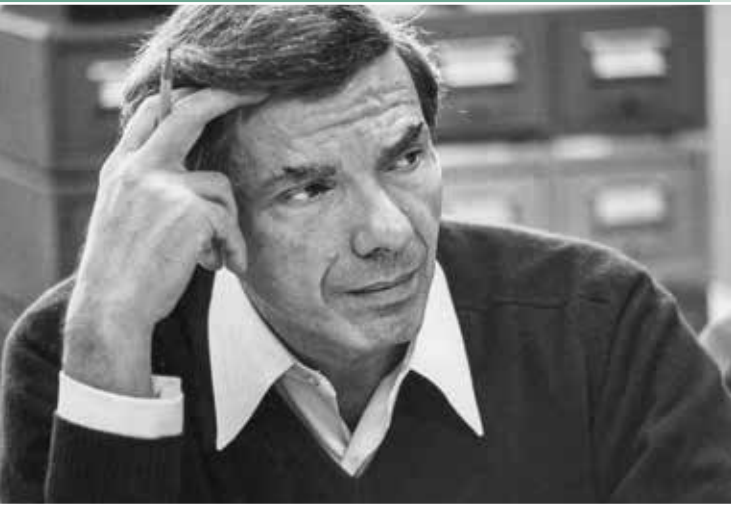
Much of 2022 was devoted to an international search for my successor, led most ably by Dr. Joseph J. Fins and Dr. Christine Grady. Recently, the Hastings Board of Directors announced their unanimous approval of Dr. Vardit Ravitsky, who will become the Center’s president in September 2023. I heartily welcome Dr. Ravitsky and thank the search committee and the Hastings Board for the wisdom of their choice.

As I reflect on the years that I have had the privilege of leading this important organization, I am also looking forward with excitement and confidence, knowing that The Hastings Center is in very good hands, as it evolves to address the enormous 21st century issues on the horizon. Thank you for your support of Hastings and for the years of partnership, collegiality, and friendship we have enjoyed together.

A handwritten signature of Mildred Z. Solomon in dark ink. The signature is fluid and cursive, with the first name 'Mildred' being more prominent.

Mildred Z. Solomon

# Remembering



*“I not only think that we will tamper with Mother Nature, I think Mother wants us to.”*

— Will Gaylin,  
opening credits, *Gattaca*



*“We attempt to control climate, populations, disease, unemployment and crime, all to general approval, but research that is seen as changing or controlling ‘the nature of our species’ or our behavior and ‘free will’ seems to impose a special threat.”*

— Will Gaylin,  
*Hastings Center Report*, May-June 2009

Willard Gaylin, co-founder of The Hastings Center, who was an acclaimed psychiatrist and psychoanalyst, died on December 30, 2022. He was 97. He founded The Hastings Center in 1969 with Daniel Callahan (1930-2019). Gaylin was president of the organization from its inception until 1993. He was chairman of the board from 1993 to 1994 and remained a member of the board until his death.

The author or editor of 20 books, Gaylin wrote about psychological themes and issues in ways that made them come alive for public audiences. Many of his books explored the origins and consequences of emotions. A *New York Times* review of his book, *Hatred*, in 2003 called Gaylin “one of our leading explainers of psychology” and said that “his books on love, despair, the male ego, and other puzzles of human nature have unfailingly made difficult questions plain.”

Gaylin was an advisor to several television programs and films that grappled with topics in bioethics and psychology, including *Gattaca*, the critically acclaimed 1997 film that invigorated discourse on eugenics and reproductive technologies. In 1989, he appeared in the series *Ethics in America* hosted by former CBS News president Fred Friendly. He appeared as a panelist on *Fatal Attraction: Social Attraction*, a 2002 documentary featuring Anne Archer and Glenn Close. The 1981 series *Hard Choices*, for which he was the narrator, received an Alfred I. DuPont/Columbia Broadcast Award for excellence in TV journalism.



Dan Callahan and Will  
in the Center offices  
in Hastings-on-  
Hudson



# Willard Gaylin



Will and Hastings  
President  
Mildred Solomon



▲ L. to r. Georgia Sadler,  
Blair Sadler, Will Gaylin,  
and Dan Callahan



◀ Blair Sadler (l.) and  
Will Gaylin at the  
Center's 50th birthday  
party in 2019



Will emcees  
Thomas Murray's  
retirement dinner



Will outside the  
original Center  
building in  
Hastings-on-  
Hudson, NY



## Tributes to Will Gaylin

Gaylin was a "fountain of ideas, of imaginative forays into the issues that we are not, but should be, exploring (ever nagging me on), and of provocative challenges to whatever happens to be the current version of wisdom."

—Daniel Callahan,  
*Hastings Center Report* (1994)



"Will Gaylin wrote about many things from love to death and dying. I was most influenced by his analysis of American individualism—our excessive focus on the self. He reminded us that we humans need each other to thrive; we aren't solo acts and attention to the common good can make all of us better."

—Mildred Solomon,  
President of The Hastings Center



"He had a polymathic mind, but a playful mind. So a young research associate would have a conversation with him, and he would throw up a lot of contrarian ideas to make sure they were thinking of those kinds of things. He enriched our thinking through that process."

—Alexander Capron,  
Hastings Center fellow



"He was a master of oral, colorful language, with wonderful metaphors."

—Ruth Macklin,  
Hastings Center fellow



"For those of us who must struggle in our writing to convey with clarity the complicated ideas we are driven to share, Will's gift for off-the-cuff eloquence was awe-inspiring."

—Tom Murray,  
President Emeritus, The Hastings Center



**Focusing on**  
**EQUITY**



Equity in the broadest sense continued to be a major focus of The Hastings Center's work in 2022. The year began with a two-day Health Equity Summit. In March, a special report examined anti-Black racism and health. Research projects made recommendations for equitable access to precision medicine and for housing to enable more older Americans to age in place. And the Center supported two programs to foster equity in the next generation of scholars who have been underrepresented in the field of bioethics.

## ■ Health Equity Summit

The Hastings Center and the Association of American Medical Colleges Center for Health Justice convened a two-day health equity summit called "Righting the Wrongs: Tackling Health Inequities" on January 19 and 20. Co-sponsors included the American Medical Association, the American Nurses Association, the American Board of Internal Medicine Foundation, and the American Hospital Association. Approximately 2,500 people attended remotely. Continuing medical education and continuing nursing education credits were given.

Day one focused on historical events and decisions that have led to major inequities in health today. It was designed for the general public, health professionals, researchers, and policymakers. It opened with a keynote address by Isabel



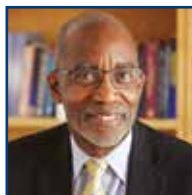
Joe Henson

Isabel Wilkerson

Wilkerson winner of the Pulitzer Prize and author of the best-selling books *Caste: The Origins of Our Discontents* and *The Warmth of Other Suns*. Wilkerson described the ways in which structural racism in the U.S. is a caste system, an old framework and hierarchy based on skin color which became a fundamental cause of

poorer health out-

comes for Black people. Other speakers were Richard Rothstein, author of *The Color of Law: A Forgotten History of How Our Government Segregated America*; and David Williams, a professor at Harvard and an internationally recognized scientist whose TED Talk, "How Racism Makes Us Sick," has been viewed 1 million times.



David Williams



Richard Rothstein



Daniel Dawes

Day two offered examples of promising strategies that policymakers, researchers, health care leaders, and caregivers can employ to address inequities through policy, clinical care, medical education, research, and community collaborations. Speakers included Daniel Dawes, a leader in the movement to advance health equity and a key figure in shaping the Mental Health Parity Act and the Affordable Care Act.

The Health Equity Summit was made possible by the generous support of Andy Adelson and Frank Trainer and The Donaghue Foundation.

## HASTINGS IN THE MEDIA

■ **Medscape:** A roundup of Health Equity Summit sessions on finding and fixing structural barriers to equitable access in health care, highlighting three medical underserved communities in the United States.

—"Improving Health Equity Means Fixing Structural Barriers: Experts" (January 25, 2022)

■ **Stat News:** "There can be no progress toward health equity without the naming, framing, and dismantling of structural racism," said Paula Lantz, a professor of public policy and health management policy at the University of Michigan, speaking at The Hastings Center's Health Equity Summit.

—"20 years ago, a landmark report spotlighted systemic racism in medicine. Why has so little changed?" (February 23, 2022)

# Focusing on Equity



## ■ Equitable Access to Precision Medicine

In April, The Hastings Center released an issue brief with policy recommendations on how to mitigate disparities in access to appropriate medical follow-up after the return of genetic findings to people from underserved populations who participate in the federal government’s “All of Us” research program. The recommendations are targeted to federal stakeholders on how to collaborate with federally qualified health centers to close the gap in access to precision medicine. The issue brief was produced by Hastings Center research scholars **Carolyn Neuhaus**, **Nancy Berlinger**, and **Karen Maschke**, and Johanna Crane, of the Alden March Bioethics Institute at Albany Medical College. This work was funded by the National Institutes of Health

## ■ Bioethics in Community Health

The Hastings Center launched a website, Bioethics in Community Health, featuring the Center’s work on community health and immigrant health, with extensive links to resources for scholars, practitioners, and students.



## ■ Report Examines Racism and Health

A Hastings Center special report called on the field of bioethics to take the lead in efforts to remedy racial injustice and health inequities in the United States. The report was developed by editors invited by The Hastings Center—including Hastings senior advisor **Faith Fletcher**—who worked with an independent task force of scholars to examine racism in health care settings, in health equity research and practice, and in bioethics. Two events drawing on insights from the report followed in June and October. The special report and events were supported by The Greenwall Foundation.







## ■ Anti-Black Racism, Health & Health Care: *A Reckoning—and a Path Forward*

Michele Goodwin, a Hastings Center board member and fellow, who is Chancellor's Professor and Director of the Center for Biotechnology & Global Health Policy at the University of California, Irvine School of Law, moderated a virtual discussion on June 9 with the editors of The Hastings Center's special report on anti-Black racism.

## ■ Summer Bioethics Program: *Toward a More Inclusive Bioethics Community*

The Hastings Center offered a five-day intensive program for undergraduates who are underrepresented in bioethics. From 97 applicants, 20 were selected. The aim was to introduce them to the core animating questions in bioethics and encourage them to identify themes they think the field should take up. Hastings Center research scholars, fellows, and other experts in bioethics from around the nation and the world, taught at this virtual event in June.



A full house for the ASBH Health Equity panel.

## A Critical Moment in Bioethics: *A Call to Lead on Health Equity*

The Hastings Center sponsored a panel at the annual meeting of the American Association of Bioethics and Humanities in Portland, Oregon, in October. The special report guest editors discussed themes from the report and the resulting Bioethics Call to Action.

## HASTINGS IN THE MEDIA

■ **Undark** magazine publishes a commentary on the anti-Black racism special report by Charlene Galarneau, an author of a commentary in the report.

—“In Bioethics, Ignoring Racism Is Itself a Kind of Racism” by Charlene Galarneau (July 7, 2022)

## IMPACT

■ The issue brief on equitable access to precision medicine was shared at the Agency for Healthcare Research and Quality, the lead federal agency charged with improving the safety and quality of healthcare for Americans.

# Focusing on Equity

## Sadler Scholar Advisors

- Jalayne Arias, JD, MA, associate professor of Health Policy & Behavioral Sciences in the School of Public Health at Georgia State University
- Keisha Ray, PhD, assistant professor at UT Health Houston, McGovern Medical School

## ■ 2022-2023 Sadler Scholars

In June, The Hastings Center welcomed the second group of Sadler Scholars, nine doctoral students with research interests relevant to bioethics who are from racial and ethnic communities underrepresented in this field. Hastings Center research scholar **Nancy Berlinger** designed this initiative. Stipends for the scholars are provided by the Blair and Georgia Sadler Fund for Socially Just Health Policy, to stimulate interest in the field, in order to diversify the career pipeline of future bioethicists. The Sadler fund also supports expert advisors to this initiative. The 2022 scholars are:



Donald Carter, MBA, MDiv  
*Degree Program: DBE, Bioethics, Loyola University Chicago*



Marissa Espinoza, MA  
*Degree Program: PhD, Health Care Ethics, St. Louis University*



Oluyemi Farinu, MPH, CHES  
*Degree Program: PhD, Sociology, Georgia State University*



Leah Lomotey-Nakon, MEd, MTS  
*Degree Program: PhD, Social Ethics, Graduate Department of Religion, Vanderbilt University*



Maya Malik, MS  
*Degree Program: PhD, Social Work, McGill University*



Allegra Merriweather, MSc  
*Degree Program: PhD, Health Care Ethics, Duquesne University*



Angel Reyes, MPH  
*Degree Program: PhD, Public Health, Claremont Graduate University*



Gregory Rogel, MA  
*Degree Program: PhD, Philosophy, Michigan State University*



Deborah Rose, MD  
*PGY-3, Department of Neurology, Duke University Medical Center*



## ■ Lessons from the Pandemic: Advancing Housing and Equity for Older Adults

During the Covid-19 pandemic, many older adults faced social isolation and disruptions in access to food, medical care, and supportive services. In response, organizations that support older people improvised solutions to address these challenges. A report from the Harvard Joint Center for Housing Studies and Hastings Center research scholar **Nancy Berlinger** examines how these largely temporary responses might improve housing and supports for older adults and address longstanding inequities. The report was released in October. Four webinars, presented by Harvard's Joint Center and The Hastings Center, took place throughout the fall to highlight the findings. The events drew thousands of people, including journalists and policymakers. This project was funded by the Retirement Research Foundation for Aging and is part of a line of work at The Hastings Center—Bioethics for Aging Societies—supported by grants from the Robert W. Wilson Charitable Trust, the National Endowment for the Humanities, and the National Institute for Aging.



## ■ Art of Flourishing: Disability and Family-Making

Disabled writers, activists, and scholars challenged the conventional view of disability as a “family problem,” in which disability is a tragedy for nondisabled family members. In a spirited public event in March, they celebrated the many ways that people with disabilities can be in kinship with one another. This was the sixth and final event in the “Art of Flourishing” series, supported by the National Endowment for the Humanities and organized under the direction of senior research scholar **Erik Parens**, with **Liz Bowen**, the Rice Family Postdoctoral Fellow in Bioethics and the Humanities, and Hastings senior advisors **Joel Michael Reynolds** and **Rosemarie Garland-Thomson**.

*“The housing lens we developed through this study is a new tool for policy analysis and development. It reflects the ethical and social importance of housing to safety, health, and wellbeing, and focuses our attention on the moral imperative to balance private-sector options available only to the wealthy minority of older adults with far greater attention to housing equity in late life.”*

—Nancy Berlinger





**Improving**

**HEALTH AND HEALTH CARE**



What would it take for more people to have the best possible health and have access to necessary, compassionate care? What should be done to remove the obstacles—in the clinic, at the bedside, and in the environment? These questions motivated several of The Hastings Center’s public engagement and other activities in 2022.

## ■ Hastings Responds to Supreme Court Dobbs Decision Ending Federal Abortion Right

Beginning on June 24, the day that the Supreme Court announced its decision on *Dobbs v Jackson Women’s Health Organization*, and for months afterward The Hastings Center published five commentaries and hosted two webinars on its wide-ranging implications, including disparities in access to necessary medical care and potential restrictions on medical decision-making on matters other than abortion.

### • Patient Harms and Professional Obligations after Dobbs

A Hastings Conversations webinar on November 10 discussed the impact the Dobbs decision is having on the quality of reproductive health care. Among the topics explored was the American Medical Association’s new ethical guidance that states that the AMA will oppose criminal charges against patients and physicians when pregnancy loss results from medically necessary treatment. Hastings Center president **Mildred Solomon** moderated the discussion with physicians Deborah Bartz, Louise King, and Matthew Wynia, a Hastings Center fellow.



Anita Allen and Mildred Solomon

### • Analyzing the Dobbs Decision: What Exactly Did Justice Alito Say?

In addition to ending the Constitutional right to abortion, the arguments in the Dobbs decision have far-ranging implications for individual liberty, social welfare, medical practice, and patients’ access to information. Those implications were explained in a Hastings Conversations webinar on December 8 with Anita Allen, University of Pennsylvania professor of law, renowned author, Hastings Center fellow, and recipient of the 2022 Bioethics Founders’ Award, in conversation with **Mildred Solomon**

## HASTINGS IN THE MEDIA

- Politico quotes Hastings Center research scholar **Josephine Johnston** on the impact of the decision on prenatal genetic diagnosis.  
—“20 Ways the Supreme Court Just Changed America”  
(June 25, 2022)

## IMPACT

- Aides to Senator Kirstin Gillibrand (D-New York) sought advice from **Liz Bowen**, The Hastings Center’s Rice Family Fellow in Bioethics and the Humanities, for a memo to the Department of Health and Human Services on the necessity of preserving access to FDA-approved medications.

# Improving Health and Health Care

## ■ Physicians, Nurses Recognized for Outstanding End-of-Life Care



Top row (left to right): J. Randall Curtis, Craig Blinderman, Rachel J. Vandermeer, Alyssa Evelyn Tilly, Dillon Stein; Bottom row: Barbara Reville, Erin Perez, Juanita Georges, Shellie Williams

Six physicians and three nurses were named recipients of The Hastings Center Cunniff-Dixon awards, which honor clinicians for outstanding care provided to patients nearing the end of life. The Hastings Center Cunniff-Dixon Physician Awards has long recognized five outstanding physicians—a senior physician, a mid-career physician, and three early-career physicians. But 2022 marked the addition of a sixth physician award—the Dr. Richard Payne Leadership Award to honor physicians who work with vulnerable and/or underserved populations—and the launch of the nurse awards. The 2022 recipients were:

### **Dr. Richard Payne Leadership Award**

- Shellie Williams, MD

*Associate Professor of Medicine, University of Chicago*

## **Remembering Andy Baxter**

### ***Dedicated Champion of Compassionate Care at the End of Life***



Andy Baxter (l.) presenting a Physicians Award

Matthew A. (“Andy”) Baxter, a visionary and dedicated champion for better end of life care who founded the Cunniff-Dixon Foundation, died on February 21. He was committed to celebrating health care professionals who demonstrate excellence in care near the end of life. “Andy made a huge difference in many peoples’ lives,” said **Mildred Solomon**. “He was both compassionate and effective, and knew that if we celebrated excellence in care, it would gain momentum across individuals and health systems. My colleagues and I were honored to know him and to work with him.”

### Senior Physician Award

- J. Randall Curtis, MD, MPH  
*Director, Cambia Palliative Care Center of Excellence, UW Medicine*

### Mid-Career Physician Award

- Craig Blinderman, MD, MA  
*Associate Professor of Medicine and Director of the Adult Palliative Medicine Service, Columbia University Medical Center/New York Presbyterian Hospital*

### Early-Career Physician Awards

- Rachel J. Vandermeer, MD, Assistant Professor of Pediatrics, UT Health San Antonio and Medical Director of Inpatient Pediatric Palliative Care, University Hospital
- Alyssa Evelyn Tilly, MD, Assistant Professor of Medicine and Pediatrics, University of North Carolina School of Medicine
- Dillon Stein, DO, Medical Director, Division of Palliative Care, Butler Health System

### Nurse Awards

- Barbara Reville, DNP, ANP-BC, ACHPN, Nursing Director, Adult Palliative Care, Department of Psychosocial Oncology and Palliative Care, Dana-Farber Cancer Institute and Brigham and Women's Hospital
- Erin Perez, DNP, APRN, ANP-C, AGNP-C, ACHPN, Palliative Care Nurse Practitioner, University Health System, San Antonio, Texas
- Juanita Georges, LVN, Palliative Care Services Ambulatory Nurse, University Health Palliative Care, San Antonio, Texas



Daniel Callahan Annual Lecture webinar with Gary Cohen (l.) and Mildred Solomon

## ■ Is It Possible to Have Healthy People on a Sick Planet?

Climate change will do profound harm to people's health and it will be a "force multiplier" for the racial, social, and health inequities, said Gary Cohen, president of Health Care Without Harm, in conversation with **Mildred Solomon** at the Daniel Callahan Annual Lecture, a virtual event on April 19. Cohen called upon the health care industry to expand its mission from healing individuals to healing the planet.

# Improving Health and Health Care

## ■ Love and Loss with Amy Bloom

Bestselling author Amy Bloom's world was altered forever when an MRI indicated that her husband Brian had Alzheimer's disease. Together, led by Brian, Brian



Elena Seibert

Amy Bloom

and Amy made the decision to travel to Switzerland to access an assisted dying process unavailable in the United States.

In a virtual discussion with **Mildred Solomon** on April 14, Bloom talked about her new book, *In Love: A Memoir of Love and Loss*, including how she and her husband approached his diagnosis and this decision.

## ■ Hastings Center's Bioethics Founders' Awards

The Hastings Center recognized Anita L. Allen and Farhat Moazam with the



Anita Allen

2022 Bioethics Founders' Award. The award recognizes individuals from around the world who have made substantial, sustained contributions to bioethics in ways that have advanced thinking and practice in medicine, the life sciences, and public policy.

Anita Allen, JD, PhD, the Henry R. Silverman Professor of Law and professor of philosophy at the University of Pennsylvania Carey School of Law, was recognized for outstanding contributions to law and philosophy and to their practical applications in medicine, science, and public affairs.



Farhat Moazam

Farhat Moazam, MD, PhD, professor and founding chairperson of the Centre of Biomedical Ethics and Culture (CBEC) of the Sindh Institute of Urology and Transplantation in Pakistan, was commended for a remarkable range of accomplishments as a pediatric

surgeon and an educator, ethicist, ethnographic researcher, and institution-builder.

2022 Bioethics' Founders Award Selection Committee members were Alexander Capron (chair), Solomon Benatar, Sissela Bok, James Childress, and Ruth Macklin.



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# Working for the Wise Use of **TECHNOLOGY**





# Working for the Wise Use of Technology

**A**dvances in genetic technology have made it possible to modify nonhuman animals for a range of possible benefits, such as better understanding human diseases and producing hearts and kidneys to transplant into people whose organs are failing. Hastings Center scholars examined the ethical questions that this work raises—for researchers, for human research volunteers, for patients, and for the animals themselves.

## ■ **First Pig-to-Human Organ Transplant: Ethical and Policy Questions**

The year opened with a landmark in medicine: for the first time, doctors transplanted a pig heart into a patient in an experimental procedure seen as the last hope of saving his life. Hastings Center research scholars **Karen Maschke** and **Michael Gusmano** spoke out about the ethical and policy issues that this promising research raises. They are leading a National Institutes of Health-funded project to help develop ethics and policy recommendations for the first clinical trials involving animal organ transplants, called xenotransplantation. “Rushing into animal-to-human transplants without this information would not be advisable,” Maschke said, adding that it will be crucial to share data gathered from this transplant before using the surgery on other patients.

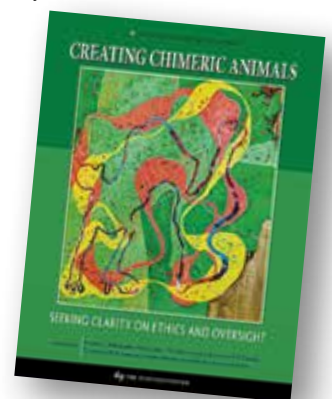


**Karen Maschke** and **Michael Gusmano** made presentations about the xenotransplantation project at The Hastings Center Board of Trustees meeting on June 3 and the Advisory Council meeting on November 2.

## ■ **Crossing Species Boundaries Creating Chimeric Animals: Seeking Clarity on Ethics and Oversight**

In December, a special report on the ethics of crossing species boundaries by inserting human cells into nonhuman animals for research purposes—research surrounded by debate—made recommendations clarifying the ethical issues and calling for enhanced oversight of this work.

Many people hope that research involving “chimeric” animals and other organisms that contain a mix of human and nonhuman cells will yield enormous benefits, including better models of human disease and sources of tissues and organs suitable for transplantation into humans. But there



are ethical concerns. Among the report's findings: Animal welfare is a primary ethical issue and should be a focus of ethical and policy analysis as well as the governance and oversight of chimeric research.

The report was developed by an interdisciplinary team led by researchers at The Hastings Center and Case Western Reserve University and funded by the National Institutes of Health. Hastings principal investigators were **Josephine Johnston** and **Karen Maschke**; Hastings Center research scholar **Carolyn Neuhaus** was co-investigator.

## ■ Hastings Expands Expertise in Ethics of AI, Gene Editing, Technology and Care Ethics

Two scholars use intersectional approaches to bring fresh perspectives on the wise use of technology.



**Athmeya Jayaram** joined the staff as a research scholar. He works at the intersection of political theory and technology ethics, particularly on how we can make legitimate and fair decisions on the design and use of AI and gene editing technologies.

**Mercer Gary** became a postdoctoral fellow, focusing on technology and care ethics. Her research analyzes the ethical meanings of care in a context where care work is both devalued and delegated to technology, including social robots and telemedicine.



### 'Telemental' Health Essay Wins Roscoe Award: Hiland Honored for Chatbot Warning



Chatbots powered by artificial intelligence, smartphone applications, and other "telemental" services are promoted as innovative solutions to skyrocketing rates of depression, anxiety, and mental distress. But they pose an array of harms, writes Emma Bedor Hiland in "How Smart Tech Tried to Solve the Mental Health Crisis and Only Made It Worse," the winner of the 2022 David Roscoe Award for an Early-Career Essay on Science, Ethics, and Society. The essay was published in *The Hedgehog Review*.

## HASTINGS IN THE MEDIA

■ **Washington Post:** **Karen Maschke**, **Michael Gusmano**, and Elisa Gordon (co-principal investigator, Vanderbilt University) publish an op-ed, "After the Pig-to-Human Heart Transplant, the FDA, Clinicians, and Insurers Have Some Catching Up to Do." (January 13, 2022)

**Karen Maschke** quoted in:

■ **The Associated Press:** "In 1st, U.S. Surgeons Transplant Pig Heart into Human Patient" (January 10, 2022); "U.S. Researchers Test Pig-to-Human Transplant in Donated Body" (January 20, 2022)

■ **Wall Street Journal:** "Pig-Heart Transplant Jolts Doctors Confronting Lack of Organ Donors" (January 12, 2022)

■ **New York Times:** "Patient in Groundbreaking Heart Transplant has Violent Criminal Record" (January 13, 2022)

■ **The Lancet:** "Pig-Heart Transplantation Surgeons Look into Next Steps" (January 22, 2022)

# 2022 HASTINGS CENTER PROJECTS

## THE HUMAN LIFESPAN

- Bioethics in Community Health: Understanding Strengths, Needs, and Ethical Challenges of Federally Qualified Health Centers • Carolyn Neuhaus and Nancy Berlinger (The Greenwall Foundation)
- Dementia and the Ethics of Assisted Dying • Nancy Berlinger and Mildred Solomon (Robert W. Wilson Charitable Trust)
- The Meanings of Dementia: Interpreting Cultural Narratives of Aging Societies • Nancy Berlinger (National Endowment for the Humanities)
- Learning from Housing-Focused Covid-19 Response: Actionable Policies and Practices to Support Equitable Aging in Community • Nancy Berlinger (Retirement Research Foundation, under subcontract from Harvard University)

## HEALTH AND HEALTH CARE

- All of Us Research Program: Barriers to Caring for Patients with Clinically Actionable Genetic Findings that Require Medical Attention • Carolyn Neuhaus (National Institutes of Health/National Human Genome Research Institute)
- Elevating Bioethics Research in Health Equity and Population Health • Ryan Sauder (Bloomberg Philanthropies)
- Justice in Health: Equipping Bioethics to Improve Policy and Practice • Josephine Johnston (Greenwall Foundation)
- Physicians' Occupational Health During Covid-19: A Qualitative Analysis of Systems Factors • Nancy Berlinger (Centers for Disease Control and Prevention and National Institute for Occupational Safety and Health, under subcontract from University of North Carolina at Chapel Hill)
- Trust and Health: An Agenda for Research and Policy • Mildred Solomon (ABIM Foundation)
- Understanding All of Us Enrollees' and Decliners' Motivations to Enhance Recruitment and Retention • Carolyn Neuhaus (National Institutes of Health/National Human Genome Research Institute)

## SCIENCE AND TECHNOLOGY

- Actionable Ethics Oversight for Human-Animal Chimera Research • Josephine Johnston and Karen Maschke (National Institutes of Health/National Human Genome Research Institute)
- Center for ELSI Resources and Analysis (CERA) • Josephine Johnston (National Institutes of Health/National Human Genome Research Institute, under subcontract from Stanford University and Columbia University Medical Center)
- Center for Research on the Ethical, Legal and Social Implications of Psychiatric, Neurologic and Behavioral Genetics • Erik Parens and Josephine Johnston (National Institutes of Health, under subcontract from Columbia University Medical Center)
- Informing Ethical Translation of Xenotransplantation Clinical Trials • Karen Maschke (National Institutes of Health/National Center for Advancing Translational Sciences)
- The Art of Flourishing: Conversations on Disability • Erik Parens (National Endowment for the Humanities)
- Wrestling with Social and Behavioral Genomics: Risks, Potential Benefits, and Ethical Responsibility • Erik Parens (Russell Sage Foundation and Robert Wood Johnson Foundation)

## EDUCATION AND OUTREACH

- DEI in Bioethics: Bridging the Sciences and Humanities • Mildred Solomon and Nancy Berlinger (Alfred P. Sloan Foundation)
- Caribbean Research Ethics Education initiative • Carolyn Neuhaus and Mildred Solomon (Fogarty Center at National Institutes of Health, under subcontract from St. George's School of Medicine in Grenada)
- Professional Education for Anti-Ableist Health Care • Erik Parens and Liz Bowen (Josiah Macy Jr. Foundation)
- Promoting Justice, Compassion, Integrity and Stewardship through Expanded Ethics Scholarship and Engagement with Targeted Publics • Mildred Solomon (The Donaghue Foundation)



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The Hastings Center welcomed 12 new fellows in 2022:

- Jennifer Blumenthal-Barby, PhD, MA
- Denise M. Dudzinski, PhD, HEC-C
- Emily A. Largent, PhD, RN
- Paul A. Lombardo, PhD, JD, MA
- Anne Drapkin Lyerly, MD, MA
- Debjani Mukherjee, PhD, HEC-C
- Thaddeus Pope, JD, PhD, HEC-C
- Peter Reese, MD, PhD
- Joel Michael Reynolds, PhD
- Seema K. Shah, PhD
- Dominic Sisti, PhD
- Patrick T. Smith, PhD

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## Why I Give...

For some reason I don't remember, I brought along a copy of *Once a Catholic* on my wedding trip in France. Since I had just finished my doctorate and was deep in my job search, it seems an odd choice now. Perhaps I was trying to better understand my Catholic ex-seminarian husband in the best way an anthropologist like me could think of to do it. But what I remember most clearly was the chapter by Dan and Sidney Callahan. Something about the tone of conversation and inquiry was so captivating, so much what a semi-disillusioned recent PhD had hoped intellectual discourse would be like, that I decided an incredible career goal—far out of reach—would be to someday be at The Hastings Center.

When some years later, now involved in work adjacent to medical ethics, I was actually invited to be part of a Hastings Center project, the I-need-to-pinch-myself-to-make-sure-this-is-real sensation was intoxicating. But what is perhaps more remarkable is that after four more Hastings Center projects, I have maintained much the same feeling.

Several years ago, I decided to leave academia to become CEO of the non-profit I had co-founded earlier. I felt that I had wrapped up the research and teaching part of my life and was ready for quite a different kind of challenge. But, of course, I continue to ruminate on my academic career—what was worthwhile; what was not; what do I wish I could have done more of. And the clear answer, every time I drift into that conversation with myself, is that the work of which I am most proud, and which I sometimes miss with sharp longing, is my collaboration with The Hastings Center. To sit around a long table, in what, to me, always felt like slightly hallowed space, and to have the freedom to entertain not the next grant; not the next paper; but the important questions that nag at one's mind and heart with a group of stellar intellects of varying views and disciplines and passions...that is an academic life that exists in few other places. And to follow up those free and open conversations with timely published and publicized work...well, that is academic effectiveness that I have personally seen nowhere else.

The Hastings Center is a special place. The work that is done needs to continue to be done and continue to be broadly known. What an enormous privilege and pleasure to help ensure that continuance by closing the loop that began in a hotel room in France several decades ago.

—Nancy Press, PhD  
CEO, Child Aid

## Our Legacy Gift Challenge

Perhaps you, like many other people, seek the satisfaction of knowing that the causes about which you care most will carry forward into the future. The Beneficence Society demonstrates support for The Hastings Center's mission today and our collaborative vision for the future of bioethics. Members receive a special subscription rate for *The Hastings Center Report* or *Ethics & Human Research*, a Beneficence Society lapel pin, an inscribed leaf on Hastings' Giving Tree in our lobby, public acknowledgment of their generosity (with permission), and invitations to lectures and other special events.

Right now, The Robert W. Wilson Charitable Trust is generously sponsoring a legacy challenge that makes new gift intentions to The Hastings Center (including bequests, beneficiary designations in retirement accounts, and other gift vehicles) even more impactful. New legacy gift intentions trigger an immediate proportional contribution by the Trust to The Hastings Center's annual fund! Chief Advancement Officer Ryan Sauder ([sauderr@thehastingscenter.org](mailto:sauderr@thehastingscenter.org)) is happy to answer questions and provide additional details about this exciting opportunity.

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# STATEMENT OF FINANCIAL POSITION

As of December 31, 2022

## Assets

Cash and Equivalents	896,122
Investments, at fair value	8,953,432
Receivables (grants and other)	2,321,103
Other Assets	91,248
Furniture and Equipment (net of accumulated dep)	12,087
Leasehold Improvements (net of accumulated amort)	773,031
Total Assets	13,047,023

Draft Audit

## Liabilities and Net Assets

Payables and Accruals	134,991
Deferred Compensation Payable	170,599
Refundable Advances	46,643
Deferred Revenue	88,997
Total Liabilities	441,230
Net Assets	12,605,793
Total Liabilities and Net Assets	13,047,023

## Statement of Activities and Changes in Net Assets

Draft Audit

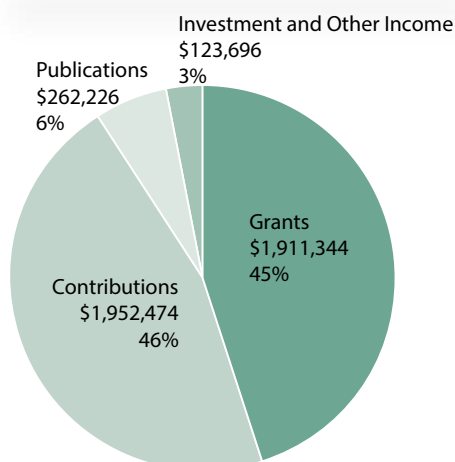
Operating revenues and other support:	
Grants, Gifts, and Contributions	2,196,975
Government Grants	942,070
Publication Revenue	262,226
Other income	123,696
Total Unrestricted Operating Support and Revenue	3,524,967

Operating Expenses	
Program Services	3,370,639
Management and General	788,061
Fundraising	311,235
Total Operating Expense	4,469,935

Changes in Net Assets from Operations	(944,968)
Non-operating Income	(2,296,648)
Change in Net Assets	(3,241,616)
Net Assets, Beginning of year	15,847,409
Net Assets, End of year	12,605,793

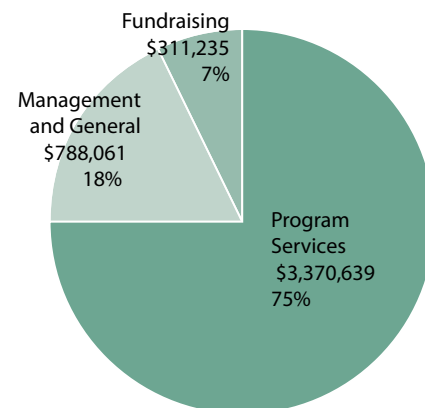
## Unrestricted Operating Revenue and Support

For the year ended 12/31/22 = \$4,249,740



## Operating Expenses

For the year ended 12/31/22 = \$4,469,935



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