

## **Curriculum Vitae**

A.L. McGuire, J.D., Ph.D.  
Center for Medical Ethics & Health Policy  
Baylor College of Medicine  
713-798-2029

### **Personal Statement**

I am the Leon Jaworski Professor of Biomedical Ethics and Director of the Center for Medical Ethics and Health Policy at Baylor College of Medicine (BCM). My research explores ethical and policy issues related to emerging technologies and innovative therapeutics, with a particular focus on genetics and genomics, neuropsychology, and the clinical integration of novel neurological devices. I am the founding director of the Ethical Legal Implications of PSychedelics In Society (ELIPSIS) program, which conducts research to inform responsible policy translation for psychedelic medicines. I have received numerous teaching awards at BCM, was recognized by the Texas Executive Women as a Woman on the Move in 2016, and have been invited to give a TEDMed talk titled "[There is no Genome for the Human Spirit](#)" in 2014 and a TEDx talk titled "[Can Creating Moments of Meaning Improve Mental Health?](#)" in 2022. I have served as a member of the National Advisory Council for Human Genome Research and as an advisor to the X Prize in Genomics. Currently, I am on the board of the Greenwall Foundation, a Hasting's Center Fellow, and an advisor to Geisinger Research and The Morgridge Institute for Research.

### **I. GENERAL BIOGRAPHICAL INFORMATION**

#### **A. PERSONAL**

Full Name: Amy L. McGuire, J.D., Ph.D.  
Citizenship: United States

#### **B. EDUCATION**

##### **Undergraduate Education**

University of Pennsylvania, Philadelphia, PA  
B.A., *summa cum laude*, Psychology, 1992-1995

##### **Graduate Education**

University of Houston Law Center, Houston, TX  
J.D., *summa cum laude*, 1997-2000

University of Texas Medical Branch, Galveston, TX  
Ph.D., *with distinction*, Medical Humanities, 1998-2004

Dissertation Director: William J. Winslade, J.D., Ph.D.  
Dissertation Title: “Respect for Research Subjects: Reality or Rhetoric?”

## **C. ACADEMIC APPOINTMENTS**

### **Faculty Positions**

Director  
Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX  
August 2012 – present

Professor of Medicine and Medical Ethics  
Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX  
January 2012 – present

Associate Professor of Medicine and Medical Ethics  
Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX  
December 2009 – January 2012

Associate Director of Research  
Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX  
September 2009 – July 2012

Assistant Professor of Medicine and Medical Ethics  
Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX  
March 2004 – December 2009

Complimentary Visiting Assistant Professor  
School of Humanities, Rice University, Houston, TX  
2006 – 2010

## **D. OTHER ADVANCED TRAINING**

## **E. OTHER INFORMATION**

### **Honors and Awards**

#### Professional Honors and Awards:

Leon Jaworski Professor of Biomedical Ethics, Endowed Professorship, 2012 – present

GSBS 50<sup>th</sup> Anniversary July Alumna, 2019

Texas Executive Women on the Move Award, 2016

Baylor College of Medicine Leadership Development Program, 2008 – 2009

Fulbright & Jaworski L.L.P. Faculty Excellence Award for Educational Leadership, 2009

Fulbright & Jaworski L.L.P. Faculty Excellence Award for Teaching and Evaluation,  
2008  
Academy of Distinguished Educators, 2008 – 2013  
American Society for Bioethics and Humanities Early Career Scholar Travel Award,  
2003

### **Competitive Teaching Fellowships**

Educational Scholars Fellowship Program, Baylor College of Medicine, 2005 – 2007  
Medical Jurisprudence Fellow, University of Texas Medical Branch, 2001 – 2004

### **Licensure Information**

State Bar of Texas License Number: 24026834 (Inactive Status)

## **II. RESEARCH INFORMATION**

### **A. RESEARCH SUPPORT**

#### Ongoing

Mission to Enhance Ethics Education, Outreach, and Research in Space  
NASA NNX16AO69A  
Role: MPI (Principal Investigator: Vasiliki Rahimzadeh, PhD)  
Annual Direct Funding: \$79,193; Entire Direct Funding: \$155,772  
8/2024-7/2026

Engaging community Members to Plan for Dissemination of Wastewater Epidemiology  
Results (EMPOWER)  
NIH/NIEHS  
R01ES036232  
Role: MPI (Principal Investigator: Jennifer Deegan, MPAff)  
Annual Direct Funding: \$294,000; Entire Direct Funding: \$1,151,400  
06/2024-03/2025

Promoting High-Quality Ethics Review and Oversight of Psychedelic Research: Learning  
from Investigator Experience and IRB Perspectives  
Greenwall Foundation  
Role: Co-Investigator (Principal Investigator: Holly Fernandez Lynch, JD, MBE)  
Annual Direct Funding: \$40,655; Entire Direct Funding: \$62,915  
1/2024-12/2025

BRAINshare: Sharing Data in BRAIN Initiative Studies  
NIH/NIMH  
R01MH126937  
Role: MPI (Principal Investigator: Sameer Sheth, MD, PhD)  
Annual Direct Funding: \$285,017; Entire Direct Funding: \$1,140,401  
07/2021-04/2025

A Case Study on Autism in Data Sharing Practices  
NIH/NIMH  
R01MH126937-03S1  
Role: Mentor (Mentee: Zuzana Skarkova)  
Annual Direct Funding: \$92,894  
06/2023-04/2024

After the Golden State Killer: Public Preferences and Policy Implications of Police Use  
of Genetic Data (The ForenSeq Study)  
NIH/NHGRI R01HG011268  
Role: MPI (Principal Investigator: Christi Guerrini, JD)  
Annual Direct Funding: \$391,864; Entire Direct Funding: \$1,537,925  
07/2020-06/2024 (in NCE)

AI-Assisted Microendoscopy for the Early Detection of Esophageal Cancer  
NIH/NCI R01CA181275  
Role: Co-Investigator (Principal Investigator: Sharmila Anandasabapathy, MD)  
Annual Direct Funding: \$415,422; Entire Direct Funding: \$2,496,899

Implementation of Whole Genome Sequencing as Screening in a Diverse Cohort of  
Healthy Infants  
NIH/NCATS U01TR003201  
Role: Co-Investigator (Principal Investigator: Robert Green, MD, MPH)  
Annual Direct Funding: \$53,608; Entire Direct Funding: \$258,516 (subaward)  
07/2021-06/2025

Resolving Heterogeneity and Revealing the Hidden Heritability of Alzheimer's Disease  
Private Foundation  
Role: Co-Investigator (Principal Investigator: Josh Shulman, MD)  
Annual Direct Funding: N/A; Entire Direct Funding: N/A  
01/2022-12/2024

Closed

The Sulston Project: Making the Knowledge Commons for Interpreting Genomic Cancer Variants more Effective

NIH/NCI R01CA237118

Role: MPI (Principal Investigator: Robert Cook-Deegan, PhD)

Annual Direct Funding: \$0; Entire Direct Funding: \$805,197 (subaward)

04/2019-03/2024 (in NCE)

Mission To Enhance Ethics Education, Outreach, And Research In Space (Meteors)

NASA NNX16AO69A

Role: Principal Investigator

Entire Direct Funding: \$81,848

2022-2023

Evaluating Utility and Improving Implementation of Genomic Sequencing for Pediatric Cancer Patients in the Diverse Population and Healthcare Settings of Texas: The KidsCanSeq Study

NIH/NHGRI U01HG006485

Role: MPI (Principal Investigator: Sharon Plon, MD, PhD; Donald William Parsons, MD, PhD)

Entire Direct Funding: \$13,837,236

2016 – 2023

Evaluating Utility and Improving Implementation of Genomic Sequencing for Pediatric Cancer Patients in the Diverse Population and Healthcare Settings of Texas – CSER Perceived Utility Administrative Supplement

NIH/NHGRI U01HG006485-06S1

Role: Principal Investigator

Entire Direct Funding: \$335,744

2018 – 2023

Adolescent and Young Adult Cancer Patients Attitudes toward and Decision-Making Preferences about Clinical Genome Sequencing – Administrative Supplement

NIH/NHGRI U01HG006485-07S1

Role: Principal Investigator

Entire Direct Funding: \$99,800

2019 – 2023

Measuring Perceptions of Utility of Clinical Genome Sequencing: Instrument Testing and Validation – Administrative Supplement

NIH/NHGRI U01HG006485-08S2

Role: Principal Investigator

Entire Direct Funding: \$179,960

2021 – 2023

Neuroethics of Adaptive Deep Brain Stimulation Systems Targeting Neuropsychiatric and Movement Disorders

NIH/NIMH R01MH114854

Role: Co-Principal Investigator (Principal Investigators: Gabriel Lázaro-Muñoz, JD, PhD; Wayne Goodman, MD)

Entire Direct Funding: \$1,355,517

2017 – 2022

Neuroethics of aDBS Systems Targeting Neuropsychiatric and Movement Disorders (Diversity Supplement)

NIH/NIMH R01MH114854-S1

Role: Mentor (Mentee: Demetrio Sierra, PhD)

Entire Direct Funding: \$268,593

2018-2022

A Case Study on Latinx Community Perspectives about Creating a Cancer Genomic Variant Commons (Diversity Supplement)

NIH/NCI R01CA237118-02S1

Role: Mentor (Mentee: Amanda Gutierrez, MPH)

Entire Direct Funding: \$129,508 (subaward)

2020 – 2022

Houston Methodist/Baylor College of Medicine Collaborative Pilot Grants in Alzheimer's Disease and Related Dementias

Role: Co-Principal Investigator (Principal Investigator: Joseph Masdeu, MD, PhD)

Entire Direct Funding: \$38,980

2020 – 2022

Exome Sequencing in Diverse Populations in Colorado and Oregon – Administrative Supplement

NIH/NHGRI 3U01 HG007292-06S1 (Goddard, Wilfond)

Role: Co-Investigator

Entire Direct Funding: \$40,000

2018 – 2021

Experiences and Outcomes in Early Adopters of Predispositional Sequencing

NIH/NHGRI R01 HG009922 (Green)

Role: Co- Investigator

Direct Funding: \$389,970

2018 – 2021

Genomic Architecture of Common Disease in Diverse Population

NIH/NHGRI UM1-HG008898

Role: Co- Investigator (Principal Investigator: Richard Gibbs, Ph.D)

Entire Direct Funding: \$15,500

2016 – 2021

Baylor-John Hopkins Center for Mendelian Genetics  
NIH/NHGRI 1U54-HG006542-05  
Role: Co-Principal Investigator (Principal Investigator: David Valle, MD)  
Entire Direct Funding: \$2,295,117  
2017 – 2019

Building the Medical Information Commons: Participant Engagement and Policy –  
Administrative Supplement  
NIH/NHGRI R01-HG008918-S1  
Role: Principal Investigator  
Entire Direct Funding: \$211,918  
2017 – 2020

Building the Medical Information Commons: Participant Engagement and Policy  
NHGRI R01HG008918  
Role: Principal Investigator  
Entire Direct Funding: \$726,525  
2015 – 2020

Enabling Personalized Medicine through Exome Sequencing in the U.S. Air Force  
Department of Defense/U.S. Air Force FA8650-16-2-6704  
Role: Co-Principal Investigator (Principal Investigator: Robert Green, MD)  
Entire Direct Funding: \$2,190,143  
2016 – 2019

Genome Sequence-Based Screening for Newborn Illness and Childhood Risk  
NIH/NICHHD U19-HD077671  
Role: Co-Principal Investigator (Principal Investigators: Alan Beggs, PhD; Robert Green,  
MD)  
Entire Direct Funding: \$1,187,163  
2013 – 2019

A Multi'omics Approach towards Deciphering the Influence of the Microbiome on  
Preterm Birth  
NIH/NINR R01 NR014792  
Role: Co-Principal Investigator (Principal Investigator: Kjersti Aagaard-Tillery, MD)  
Entire Direct Funding: \$544,777  
2013 – 2018

Clinical Integration of Whole Genome Sequencing: A Policy Analysis Supplement  
NIH/NHGRI R01-HG00006460-S1  
Role: Principal Investigator  
Entire Direct Funding: \$66,308  
2015 – 2016

Evaluating Benefit-Risk Trade-offs for Clinical Use of Whole Genome Sequencing  
NIH/NHGRI R01 HG007063  
Role: Co-Principal Investigator (Principal Investigator: Kathryn A. Phillips, PhD)  
Entire Direct Funding: \$388,529  
2013 – 2016

Clinical Integration of Whole Genome Sequencing: A Policy Analysis  
NIH/NHGRI R01-HG00006460  
Role: Principal Investigator  
Entire Direct Funding: \$1,735,685  
2012 – 2016

Attitudes and Preferences Regarding Data Sharing of Genomic Research Using  
Biobanked Specimens among HIV-Infected Individuals  
NIH P30AI036211 (Supplement)  
Role: Principal Investigator  
Entire Direct Funding: \$46,950  
2012 – 2013

Integration of Whole Genome Sequencing into Clinical Medicine  
NIH/NHGRI U01-HG006500  
Role: Co-Principal Investigator (Principal Investigator: Robert Green, MD)  
Entire Direct Funding: \$226,928  
2011 – 2017

Baylor-Johns Hopkins Center for Mendelian Genetics  
NIH/NHGRI U54-HG006542-01  
Role: Co-Investigator (Principal Investigators: James Lupski, MD, PhD, David Valle,  
MD)  
Entire Direct Funding: \$16,752,235  
2011 – 2016

Incorporation of Genomic Sequencing into Pediatric Cancer Care  
NIH/NHGRI U01-HG006485  
Role: Co-Investigator (Principal Investigators: Sharon Plon, MD, PhD, Donald Parsons,  
MD)  
Entire Direct Funding: \$4,704,634  
2011 – 2016

The Human Genome Sequencing Center  
NIH/NHGRI 2 U54-HG003273  
Role: Co-Investigator (Principal Investigator: Richard Gibbs, PhD)  
Entire Direct Funding: \$174,485,588  
2011 – 2015

Returning Research Results of Pediatric Genomic Research to Participants  
NIH/NHGRI R21-10822967  
Role: Co-Investigator (Principal Investigator: Ellen Clayton, MD, JD)  
Entire Direct Funding: \$275,000  
2011 – 2013

The Human Microbiome in Pediatric Abdominal Pain and Intestinal Inflammation  
NIH 4UH3DK083990-02  
Role: Co-Investigator (Principal Investigator: James Versalovic, MD, PhD)  
Entire Direct Funding: \$1,486,396  
2010 – 2013

Tumor Banking for Genomic Research and Clinical Translation  
Cancer Prevention and Research Institute of Texas (CPRIT) RP101353-P04  
Role: Co-Principal Investigator (Principal Investigator: Richard Gibbs, PhD)  
Entire Direct Funding: \$7,191,506  
2010 – 2013

Ethical, Legal, and Social Dimensions of Human Microbiome Research  
NIH 1 R01HG004853  
Role: Principal Investigator  
Entire Direct Funding: \$250,000  
2009 – 2013

The Ethics of Returning Genetic Results to Study Participants  
Baylor College of Medicine Clinical and Translational Research Program  
Role: Principal Investigators: Amy McGuire, JD, PhD, Sharon Plon, MD, PhD  
Entire Direct Funding: \$60,000  
2010 – 2011

The Ethics of Consent for the Public Release of Potentially Identifiable DNA Data  
NIH 1 R01 HG004333  
Role: Principal Investigator  
Entire Direct Funding: \$250,000  
2007 – 2010

Genomes and Genetics at the BCM-HGSC: HMP Human Microbiome Supplement  
NIH 3U54 HG0032-73-04S1  
Role: Co-Investigator (Principal Investigator: George Weinstock, PhD)  
Entire Direct Funding: \$ 1,440,000  
2007 – 2008

Leading Responsible Change in Genomic Research.  
The Greenwall Foundation, Faculty Scholars Program in Bioethics  
Role: Principal Investigator  
Entire Direct Funding: 50% Salary Support

2006 – 2009

A Preliminary Study of Attitudes toward Public Release of Genetic Information.  
Baylor College of Medicine, Basic and Clinical Collaborative Research Grant.  
Role: Principal Investigators: Amy McGuire, JD, PhD, Alica Goldman, MD, PhD  
Entire Direct Funding: \$45,000  
2006 – 2007

## **B. NATIONAL SCIENTIFIC PARTICIPATION**

### **Journal Editorial Boards**

The American Journal of Human Genetics, Editorial Board, Associate Editor, 2020 – present  
The American Journal of Bioethics– Editorial Board Member, 2019 – present  
Journal of Empirical Research on Human Research Ethics, Consulting Editor, 2010 – present  
Genome Medicine, Editorial Board Member, 2008 – present  
Bioethics Open Research, Advisory Board, Member, 2022 – 2024  
Annual Reviews of Genomics and Human Genetics, Editorial Board Member, 2009 – 2015  
Houston Journal of Health Law and Policy, Founding Editor, 1999 – 2000  
Houston Law Review, Administrative Editor, 1998 – 2000

### **Review Panels**

#### *Grant Reviews*

National Institutes of Health, SEIR Panel, Reviewer, 2021  
National Institutes of Health, Data Science and Innovation in Africa U54s, Reviewer, 2021  
National Institutes of Health, CTSA Collaborative Innovation Award Review Panel, 2019  
National Institutes of Health, Challenge Grant Reviewer, 2009  
Wellcome Trust Biomedical Ethics Programme, External Reviewer, 2008  
Genome Canada Competition III, GE<sup>3</sup>LS (Ethical, Environmental, Economic, Legal, and Social Issues Related to Genomics) Interim Review, External Reviewer, 2007

### **Professional Societies**

International Neuroethics Society, Member, 2016 – present  
Association of Bioethics Program Directors, Member, 2012 – present  
American Society for Human Genetics, Member, 2006 – present  
American Society for Bioethics and the Humanities, Member, 2001 – present  
ASHG Corporate Responsibility Task Force, Member, 2009 – 2010  
Association for Practical and Professional Ethics, Member, 2001 – 2004

### **Elected Positions**

The Hastings Center, Hastings Center Fellow, 2020 – present

Associate of Bioethics Program Directors, Vice President 2014 – 2016; President, 2016 – 2018, Immediate Past President and Board Member, 2018 – 2020

### **National Policy Participation**

NIH Brain Initiative's Neuroethics Working Group, Member, 2024 – present

National Advisory Neurological Disorders and Stroke Council, Ad Hoc Member, 2023 – present

NIH BRAIN Initiative ROH Data Sharing and Harmonization Working Group, Member, 2021 – present

The Precision Health Gene Editing Alliance (PHGEA) Ethics Workgroup, Member, 2023

NASA Futures Workshop, Sponsored by the Center for Space Policy and Strategy, The Aerospace Corporation. Virtual, Participant, 2022

Equity, Diversity, and Inclusion (EDI) Advisory Group for Global Alliance for Genomics and Health (GA4GH), Member, 2020 – 2021

NIH Roundtable on Gene-Targeted Therapies: Early Diagnosis and Delivery, Working Group Participant, 2020 - 2021

LawSeq: Building a Sound Legal Foundation for Translating Genomics into Clinical Application, Consultant, 2016 – 2019

Clinical Sequencing Exploratory Research (CSER) Consortium, NIH-NHGRI, Steering Committee Member, Publications Committee Chair, 2011 – 2020

Publications Committee Chair, 2012 – 2014

Outcomes and Measure Workgroup Co-Chair, 2011 – 2013

ELSI and Diversity Workgroup Co-Chair, 2013 – 2016

The National Academies of Sciences, Engineering, Medicine, Committee on the Return of Individual-level Research Results in Research Laboratories, Committee Member, 2017 – 2018

National Advisory Council for Human Genome Research (NACHGR), Genomics and Society Working Group, 2012 – 2016

National Advisory Council for Human Genome Research (NACHGR), 2011 – 2015

Clinical Sequencing Exploratory Research Consortium, NIH-NHGRI, Outcomes and Measures Working Group, Co-Chair, 2011 – 2013

International Human Microbiome Consortium (IHMC) Data Release Working Group, 2008 – 2012

NIH 1000 Genomes Project, Samples/ELSI Workgroup, Member, 2008 – 2011

NIH Electronic Medical Records in Genomics Network (eMERGE), ELSI Consent and Community Participation Workgroup, Coordinator: Ellen Wright Clayton (Vanderbilt University), Member, Data Sharing Focus Group, Chair, 2007 – 2010

NIH Advisory Committee to the Director (ACD), Working Group on Participant and Data Protection (PDP), Chair: Wylie Burke (University of Washington), Member, 2007 – 2009

Personalized Health Care Working Group (PHC), American Health Information Community (AHIC), Office of the National Coordinator for Health Information Technology (ONC HIT), Secretary of the Department of Health and Human Services (DHHS), Member, 2006 - 2009; Confidentiality, Privacy, and Security Sub-Committee, Co-Chair, 2007 – 2009

NHLBI Biological Specimens Repository. Bethesda, Maryland, External Advisory Board Member, 2008

NIDA Workshop on Data Sharing. Bethesda, Maryland, Participant, 2008

NHLBI Workshop on Reporting Genetic Research Results to Study Participants. Bethesda, Maryland, Ethics Panel Chair, 2008

NHGRI Workshop on Protection of Identifiability in Genomic Research. Bethesda, Maryland, Participant, 2006

Eliminating Disparities in Clinical Trials, Roundtable Discussion. Houston, TX, Participant, 2006

### **Scientific Advisor**

Greenwall Foundation Board of Directors, Member, 2021 – present  
Greenwall Foundation, Faculty Scholars Program Committee, Member, 2015 – 2022; Chair 2022 – present; Audit and Risk Management Committee, Member, 2021 – present

Geisinger Research, Scientific Advisory Board, Member, 2018 – present

Morgridge Institute for Research, Scientific Advisory Board, Member, 2018 – present

Lykos Therapeutics, Scientific Advisor, 2024

Nurture Genomics, Scientific Advisor, 2022 – 2024

Danaher Scientific Advisory Board, Member, 2020 – 2021

Ion Torrents Systems, Scientific Advisory Board, Member, 2008 – 2010

Archon X Prize for Genomics, Ethics Advisory Board, Member, 2006 – 2013

### **Invited Lectures/Presentations - International**

“Where do we go from here?” HeLEX Translation in Healthcare-Exploring the Impact of Emerging Technologies. Conference facilitator and speaker. Oxford, England 2015.

“What is ‘translation’ and what are the challenges?” HeLEX Translation in Healthcare-Exploring the Impact of Emerging Technologies. Conference facilitator and speaker. Oxford, England 2015.

“Participant attitudes about consent and data sharing: toward a more patient-centric approach.” International Conference New Patient-Centric Perspectives in Medical Research: Ethical and Governance Challenges, EURAC. Rome, Italy 2011.

“Genomic data sharing: ethics, policy, and participant perspectives.” Conference Facilitator and Speaker. HeLEX International Data Sharing Conference. Oxford, England 2010.

“First do no harm: regulation and clinical integration of DTC genetic testing.” Genome Canada GPS (Where Genomics, Public Policy, and Society Meet) Series: Direct-to-Consumer Testing Over the Internet: Implications of this New Business Model, Luncheon Keynote Address. Ottawa, Canada, 2010.

“First do no harm: regulation and clinical integration of DTC genetic testing.” Health Canada Science and Policy Roundtable. Ottawa, Canada, 2010.

“Integrating direct-to-consumer personal genomics with the practice of medicine.” The Age of Personalized Genomics, 5<sup>th</sup> International DNA Sampling Conference. Banff, Canada, 2009.

“Ethics and the future of personalized genomic medicine.” The 2008 Honorable Mr. Justice Michael O’Byrne/AHFMR Lecture on Law, Medicine and Ethics. Calgary and Edmonton, Alberta, Canada, 2008.

### **Invited Lectures/Presentations – National**

Ethics Panel. Psychedelic Science Funders Collaborative Summit. San Francisco, CA, 2024.

“A Harm Reduction Approach to Psychedelic Retreats: Is there a Role for Medical Professionals?” Hopkins-Oxford Psychedelic Ethics (HOPE) Summit. Washington, DC, 2024.

“DBS Research Ethics: Brain Biopsies, Clinical Equivalence, and Informed Consent” ROH Consortium Meeting. Virtual, 2024.

“Physician Readiness and Healthcare Gatekeeping for Psychedelic Medicine: Ethics and Policy” Cedars-Sinai Ethics Noon Conference. Virtual, 2024.

“Psychedelic Retreats, Healthcare Gatekeeping, and Physician Readiness” The Therapeutic Use of Psychedelic Drugs: Legal, Policy and Neuroscience Perspectives Symposium. Washington College of Law, American University, Washington, DC, 2024.

“The Ethical Integration of Psychedelic-Assisted Therapy” The Nancy Weaver Emerson Lectureship in Medical Ethics. Duke University, Durham, NC, 2024.

“Psychedelic Research, Biopiracy, and Respect for Indigenous Knowledge and Culture” BioLawLaploozza. Stanford, CA, 2022.

“The Ethical Implementation on Genomic Medicine” NYU Langone Genetic Medicine Colloquium. Virtual, 2020.

“Genetic Privacy and Investigative Genetic Genealogy” U-M Precision Health Seminar Series. Ann Arbor, MI, 2020.

“Investigative Genetic Genealogy and the Future of Genetic Privacy” Joint Bioethics Colloquium. NIH Department of Bioethics. Bethesda, MD, 2019.

“Consumer Genomics Testing: Regulatory and Health Policy Issues” Exploring the Current Landscape of Consumer Genomics – A Workshop. Washington, DC, 2019.

“The Future of ELSI: From Experimental Genetics to Precision Health” The 60<sup>th</sup> McKusick Short Course Anniversary Symposium: The Future of Human and Experimental Genetics. Bar Harbor, MA, 2019.

“Should everyone have their genome sequenced? Ethical considerations in genomic medicine” Jupiter Medical Center. Jupiter, FL, 2016.

“Is there a moral imperative to create a genomic data commons?” Stanford Center for Biomedical Ethics. Stanford, CA, 2016.

“Building a medical information commons: data sharing ethics and policy” Human Genome Meeting. Philadelphia, PA, 2016.

“Genomics in the clinic – medical ethics and policy” Genetics & Genomics Virtual Conference. Yorba Linda, CA, 2016.

“Genomics, ethics and the future of precision medicine” 33<sup>rd</sup> David Barap Brin Lecture in Medical Ethics: Johns Hopkins School of Medicine. Baltimore, MD, 2015.

“There is no genome for the human spirit” Unlocking Imagination Conference at TEDMED2014. San Francisco, CA, 2014.

“Theory and practice of a right to privacy” Presidential Commission for the Study of Bioethical Issues. Bethesda, MD, 2012.

“Ethical, legal, and social issues in genomics: reflecting back, planning ahead” A Decade with the Human Genome Sequence: Charting a Course for Genomic Medicine NIH-NHGRI Anniversary Symposium. Bethesda, MD, 2011.

“Making the personal genome measurable and meaningful” The Burrill Personalized Medicine Meeting. Panelist, San Francisco, CA, 2010.

“Risks and benefits of direct-to-consumer access to genetic information” Genetics and the Consumer: The Present and Future of Personalized Medicine Panelist, Policy Forum, Sponsored by 23andMe, California Healthcare Institute, and Personalized Medicine Coalition. San Francisco, CA, 2010.

“Genomic data sharing: ethics, policy, and participant perspectives” Stanford University. Palo Alto, CA, 2010.

“New ethical challenges and personal genomes” Personal Genomes, Second Annual Meeting, Co-chair of ELSI Panel. Cold Spring Harbor, NY, 2009.

“Data sharing policies” Mayo Clinic Workshop on Data Sharing in Genome Research. Rochester, MN, 2009.

“Ethical and legal issues related to returning research results” National Heart, Lung, and Blood Institute (NHLBI). Bethesda, MD, 2009.

“No longer de-identified” National Institute of Drug Addiction (NIDA). Bethesda, MD, 2008.

“Ethical issues in whole genome sequencing” Public Population Project in Genomics. Philadelphia, PA, 2008.

“Contemporary challenges to professionalism and professional medical ethics” Florida Gastroenterologic Society Annual Meeting. Naples, FL, 2008.

“The future of personalized medicine” Congressional Biomedical Research Caucus. Washington DC, 2008.

“The ethics and future of personalized genomic medicine” Advances in Genome Biology and Technology, Annual Meeting. Marco Island, FL, 2008.

“Roundtable on ethical issues in genomic screening and profiling” The American Society of Human Genetics’ Annual Meeting. San Diego, CA, 2007.

“Challenges to professionalism and professional medical ethics” The College of American Pathologists’ Annual Meeting. Northfield, IL, 2006, 2007, 2008.

“Protecting tissue donors as research subject: ethical, legal, and social considerations” The College of American Pathologists’ Annual Meeting, Roundtable Discussion Session. Northfield, IL, 2007, 2008.

### **Invited Lectures/Presentations – Regional**

“A crisis of connection: Can creating moments of meaning improve your mental health?” TEDxBaylorCollegeofMedicine. Houston, TX, 2022.

“To Catch a Killer” Partnership Hot Topics in Healthcare Series. Houston, TX 2020.

“Forensic genealogy: probing public opinion after the golden state killer case” Health & Science Policy Research Day. Houston, TX, 2019.

“Forensic genealogy: probing public opinion after the golden state killer case” Family Tree DNA Conference. Houston, TX, 2019.

“Conflicts at the end of life: from Quinlan to Schiavo and beyond (withholding/withdrawing treatment, Texas futility policy, family conflict at the end of life)?” Oakbend Medical Center, Medical Education Program. Richmond, TX, 2019.

“Building a learning health system” National VA Quality Scholar Program. Houston, TX, 2019.

“There is no genome for the human spirit” Women's Day, Sisterhood of Congregation Emanu El Sisterhood. Houston, TX, 2018.

“Point five: more common than different” The Health Museum. Panelist, Houston, TX, 2017.

“Ethics in the genomics age” Cullen Eye Institute, Cullen Course. Houston, TX, 2017.

“(Un)natural selection” DIVA U Speaker Series. Houston, TX, 2017.

“Ethics and impact of cancer genomics” 13<sup>th</sup> Annual TXCH Research Symposium. Houston, TX, 2017.

“Ethics in the genomic age” 32<sup>nd</sup> Annual Cullen Course: Clinical Advances in Ophthalmology. Houston, TX, 2017.

“Ethical issues with human genome research” YPO/WPO Mini University, Human Genome Project. Houston, TX, 2017.

“Ethical issues in disruptive technologies” Medical World Americas Conference. Houston, TX, 2016.

“Building the medical information commons: data sharing ethics and policy” Human Genome Meeting. Houston, TX, 2016.

“Ethics & technology” Transforming Communities for Youth: Building Capacity and Collaboration for Health & Safety Conference. Houston, TX, 2016.

“Ethical considerations in guiding health and medical decisions” Harvard Business School Breakfast Forum. Houston, TX, 2016.

“There is no genome for the human spirit” 6<sup>th</sup> Annual Women’s Symposium. Houston, TX, 2016.

“Data sharing HIPPA, privacy, and academic research” Committee on Federal Research Regulations and Reporting Requirements: A New Framework for Universities in the 21<sup>st</sup> Century. Houston, TX, 2015.

“Precision medicine and the future of genetic testing” Medical World Americas Conference. Houston, TX, 2015.

“What genomics can tell us about health and human identity” Little Letters, The Breakfast Club, River Oaks Country Club. Houston, TX, 2015.

“Before birth and throughout life: ethical considerations in genomic sequencing” Conversations about Ethics at the University of Texas Health Science Center. San Antonio, TX, 2014.

“Tissue banking and genomic research: ethical challenges and policy implications” Joint Session of the Michael E. DeBakey International Surgical Society’s 19<sup>th</sup> Congress and the Denton A. Cooley Cardiovascular Surgical Society’s 18<sup>th</sup> Symposium. Austin, TX, 2012.

“Ethical considerations in tissue banking and genomic research” Association of Pathology Chairs (APC) and Pathology Department Administrators (PDAS). Houston, TX, 2011.

“Does it hurt to have your genome sequenced: ethics and genomics” The CEO Genome Project. Panelist, Houston, TX, 2010.

“Making personal genomes public: ethical, legal, and social implications” Genomics of Common Diseases. Panelist, Houston, TX, 2010.

“Genomics and personalized genomic medicine” T. T. Chao Symposium on Innovation. Houston, TX, 2009.

“Ethics in clinical research” Society of Clinical Research Associates. Houston, TX, 2009.

“The ethics of personal genomes” Texas Children’s Hospital Research Seminar. Houston, TX, 2009.

“Ethical challenges in pediatric research” Texas Children’s Hospital Bioethics Retreat. Houston, TX, 2009.

“Genomic horoscopes and the future of personalized medicine” Rice University Scientia Lecture Series. Houston, TX, 2008.

“Ethical issues in genome research” The Methodist Hospital Research Symposium. Houston, TX, 2008.

“The biology of behavior: lessons from genetics” Initiative on Neuroscience and the Law Conference. Houston, TX, 2008.

“Ethical issues in pediatric genetics” 30<sup>th</sup> Annual Pediatric Postgraduate Symposium. Houston, TX, 2008.

“The future and ethics of personalized genomic medicine” Texas Children’s Cancer Center Research Seminar. Houston, TX, 2008.

“Genome wide association studies: ethical issues” Texas Medical Center Epilepsy Forum, Houston, TX, 2008.

“Personalized genomic medicine: ethical considerations” Texas Children’s Hospital Ethics Retreat. Houston, TX, 2008.

“Deciding for those who cannot decide for themselves” Wisdom from the Field: Innovations for Clinical Practice, The Neurological Institute, The Methodist Hospital. Houston, TX, 2007.

“Genetic testing and healthcare in the new millennium” Woodrow Wilson Symposium, Baylor College of Medicine and the Baker Institute at Rice University. Houston, TX, 2006.

“Wondergirl” by: Rutherford Cravens. The Main Street Theatre. Panelist, Houston, TX, 2006.

“Learning from losing: ethical and spiritual perspectives on mourning the losses of the disturbed self in dementia” Psychotherapy and Faith Conference. Houston, TX, 2006.

“Introduction to health law and medical ethics” Association of Health Care Journalists. Houston, TX, 2006.

“Medical errors: disclosure dilemmas” 10<sup>th</sup> Annual Optimal Management of the Adult Medicine Patient. Houston, TX, 2006.

“Ethical challenges in the pediatric emergency department” Annual Texas Pediatric Emergency Medicine Conference. Houston, TX, 2004 - 2016, 2008 - 2009.

“End-of-life decision making. Bioethics: death and the law” The Center for American and International Law. Plano, TX, 2005.

“Hot topics in bioethics” Houston Women’s Club. Houston, TX, 2004.

“Surgical decision making and the ethical application of informed consent” Texas Surgical Society. Houston, TX, 2004.

## C. PUBLICATIONS

### Full Papers in Peer Review Journals

#### *Published*

1. **McGuire AL**, Cohen IG, Sisti D, Baggott M, Celidwen Y, Devenot N, Gracias S, Grob C, Harvey I, Kious B, Marks M, Mithoefer M, Nielson E, Öngür D, Pallas A, Peterson A, Schenberg EE, Summergrad P, Waters B, Williams MT, Yaden DB. Developing an Ethics and Policy Framework for Psychedelic Clinical Care: A Consensus Statement. *JAMA Network Open*. 2024;7(6):e2414650. PMID: 38833254.
2. Gutierrez AM, Robinson JO, Smith HS, Desrosiers-Battu LR, Scollon SR, Canfield I, Hsu RL, Schneider NM, Parsons DW, Plon SE, Allen-Rhoades W, Majumder MA, Malek J, **McGuire AL**. Genomic sequencing research in pediatric cancer care: Decision making, attitudes, and perceived utility among adolescents and young adults and their parents. *Genetics in Medicine: Official Journal of the American College of Medical Genetics*. 2024;26(8):101168. PMID: 38767058; PMCID: PMC11534009.
3. Smith HS, Rubanovich CK, Robinson JO, Levchenko AN, Classen SA, Malek J, Biesecker B, Brothers KB, Wilfond BS, Rini C, Knight SJ, **McGuire AL**, Bloss CS.

- Measuring perceived utility of genomic sequencing: Development and validation of the GENETic Utility (GENE-U) scale for pediatric diagnostic testing. *Genetics in Medicine: Official Journal of the American College of Medical Genetics*. 2024;26(8):101146. PMID: PMC11298290.
4. Smith HS, Rubanovich CK, Robinson JO, Levchenko AN, Classen SA, Malek J, Buchanan AH, Biesecker B, Brothers KB, Wilfond BS, Rini C, Bloss CS, **McGuire AL**, Knight SJ. Measuring perceived utility of genomic sequencing: Development and validation of the GENETic Utility (GENE-U) scale for adult screening. *Genetics in Medicine: Official Journal of the American College of Medical Genetics*. 2024;26(11):101240. PMID: 39140259; PMID: PMC11562923.
  5. Desrosiers-Battu LR, Wang T, Reuther J, Miles G, Dai H, Jo E, Russell H, Raesz-Martinez R, Recinos A, Gutierrez S, Thomas A, Berenson E, Corredor J, Nugent K, Wyatt Castillo R, Althaus R, Littlejohn R, Gessay S, Tomlinson G, Gill J, Bernini JC, Vallance K, Griffin T, Scollon S, Lin FY, Eng C, Kulkarni S, Hilsenbeck SG, Roy A, **McGuire AL**, Parsons DW, Plon SE. Comparing the Diagnostic Yield of Germline Exome Versus Panel Sequencing in the Diverse Population of the Texas KidsCanSeq Pediatric Cancer Study. *JCO Precision Oncology*. 2024;8:e2400187. PMID: 39259914; PMID: PMC11392521.
  6. Pereira S, Apodaca C, Slominski K, Lipsky RK, Coarfa C, Walker CL, **McGuire AL**, Steele L, Helmer DA. "Holy Cow, Where do I Sign up?" Attitudes of Military Veterans Toward Epigenomic Biomarker Toxic Exposure Testing. *Military Medicine*. 2024;usae454. PMID: 39313279.
  7. Schuman O, Beit C, Robinson JO, Brooks WB, **McGuire AL**, Guerrini C. "The truth should not be hidden": Experiences and recommendations of individuals making NPE discoveries through genetic genealogy databases. *Genetics in Medicine: Official Journal of the American College of Medical Genetics*. 2024;26(10):101210. PMID: 39001707.
  8. Smith HS, Zettler B, Genetti CA, Hickingbotham MR, Coleman TF, Lebo M, Nagy A, Zouk H, Mahanta L, Christensen KD, Pereira S, Shah ND, Gold NB, Walmsley S, Edwards S, Homayouni R, Krasan GP, Hakonarson H, Horowitz CR, Gelb BD, Korf BR, **McGuire AL**, Holm IA, Green RC. The BabySeq Project: A clinical trial of genome sequencing in a diverse cohort of infants. *American Journal of Human Genetics*. 2024;111(10):2094-2106. PMID: 39288765; PMID: PMC11480845.
  9. Smith HS, Robinson JO, Levchenko A, Pereira S, Pascual B, Bradbury K, Arbones V, Fong J, Shulman JM, **McGuire AL**, Masdeu J. Research Participants' Perspectives on Precision Diagnostics for Alzheimer's Disease. *Journal of Alzheimer's disease*. 2024;97(3):1261-1274. PMID: 38250770; PMID: PMC10894569.
  10. Spector-Bagdady K, Ryan KA, **McGuire AL**, Krenz CD, Trinidad MG, Jaffe K, Greene A, Denard Thomas J, Kent M, Morain S, Wilborn D, Scott Roberts J. "A Double-Edged Sword": A Brief History of Genomic Data Governance and Genetic Researcher

- Perspectives on Data Sharing. *The Journal of Law, Medicine & Ethics: A Journal of the American Society of Law, Medicine & Ethics*. 2024;52(2):399-411. PMID: 39435922.
11. Vuocolo B, Gutierrez AM, Robinson JO, Recinos AM, Desrosiers LR, Majumder MA, Bernini JC, Gill J, Griffin T, Tomlinson GE, Vallance K, **McGuire AL**, Parsons D, Plon SE, Scollon S. Families' experiences accessing care after genomic sequencing in the pediatric cancer context: "It's just been a big juggle". *Journal of Genetic Counseling*. 2024. PMID: 38225886.
  12. Guerrini C, Bash-Brooks W, Robinson JO, Fullerton SM, Zoorob E, **McGuire AL**. IGG in the trenches: Results of an in-depth interview study on the practice, politics, and future of investigative genetic genealogy. *Forensic Science International*. 2024;356:11946. PMID: 38422559; PMCID: PMC10984250.
  13. Jaffe K, Greene AK, Chen L, Ryan KA, Krenz C, Roberts JS, Zikmund-Fisher BJ, **McGuire AL**, Thomas JD, Marsh EE, Spector-Bagdady K. Genetic researchers' use of and interest in research with diverse ancestral groups. *JAMA Network Open*. 2024;7(4):e246805. PMID: 38625702; PMCID: PMC11022111.
  14. Dahlquist J, Robinson JO, Daoud A, Bash-Brooks W, **McGuire AL**, Guerrini CJ, Fullerton SM. Public perspectives on investigative genetic genealogy: Findings from a national focus group study. *AJOB Empirical Bioethics*. 2024;1-11. PMID: 38588389.
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  16. Neitzke-Spruill L, Devenot N, Sisti D, Averill LA, **McGuire AL**. Bio-psycho-spiritual perspectives on psychedelics: Clinical and ethical implications. *Perspectives in Biology and Medicine*. 2024;67(1):117-142.
  17. Rahimzadeh V, Jones KM, Majumder MA, Kahana MJ, Rutishauser U, Williams ZM, Cash SS, Paulk AC, Zheng J, Beauchamp MS, Collinger JL, Pouratian N, **McGuire AL**, Sheth SA, NIH Research Opportunities in Humans (ROH) Consortium. Benefits of sharing neurophysiology data from the BRAIN Initiative Research Opportunities in Humans Consortium. *Neuron*. 2023;111(23):3710-3715. PMID: 37944519.
  18. Kostick-Quenet K, Rahimzadeh V, Anandasabapathy S, Hurley M, Sonig A, **McGuire AL**. Integrating social determinants of health into ethical digital simulations. *The American Journal of Bioethics*. 2023;23(9):57-60. PMID: 37647482; PMCID: PMC10502902.
  19. Rahimzadeh V, Fogarty J, Caulfield T, Auñón-Chancellor S, Borry P, Candia J, Cohen IG, Covington M, Lynch HF, Greely HT, Hanlon M, Hatt J, Low L, Menikoff J, Meslin EM, Platts S, Ravitsky V, Ruttley T, Seidler RD, Sugarman J, Urquieta E, Williams MA, Wolpe PR, Donoviel D, **McGuire AL**. Ethically cleared to launch? *Science*. 2023;381(6665):1408-1411. PMID: 37769066.

20. Rahimzadeh V, Kostick-Quenet K, Blumenthal Barby J, **McGuire AL**. Ethics education for healthcare professionals in the era of chatGPT and other large language models: Do we still need it? *American Journal of Bioethics*. 2023;23(10):17-27. PMID: 37487184.
21. Robinson JO, Daoud A, Geary J, Vasiliki R, Bollinger J, Guerrini C, Cook-Deegan R, **McGuire AL**, Majumder MA. Policy options to facilitate cancer genomic variant data sharing: outcomes of a modified policy Delphi. *Journal of Law and the Biosciences*. 2023;10(2):lsad022. PMID: 37456713, PMCID: PMC10347303.
22. Merner AR, Kostick-Quenet K, Campbell TA, Pham M, Sanchez C, Torgerson L, Robinson J, Pereira S, Outram S, Koenig B, Starr P, Aysegul G, Fotte K, Okun M, Goodman W, **McGuire AL**, Zuk P, Lázaro-Muñoz G. Participant perceptions of changes in psychosocial domains following participation in an adaptive deep brain stimulation trial. *Brain Stimulation*. 2023;16(4):990-998. PMID: 37330169.
23. Green RC, Shah N, Genetti CA, Yu T, Zettler B, Uveges M, Ceyhan-Birsoy O, Lebo M, Pereira S, Agrawal P, Parad R, **McGuire AL**, Christensen K, Schwartz T, Rehm H, Holm I, Beggs A, BabySeq Project Team. Actionability of unanticipated monogenic disease risks in newborn genomic screening: Findings from the BabySeq Project. *American Journal of Human Genetics*. 2023;110(7):1034-1045. PMID: 37279760; PMCID: PMC10357495.
24. **McGuire AL**, Lynch HF, Grossman LA, Cohen IG. Pressing regulatory challenges for psychedelic medicine. *Science*. 2023;380(6643):347-350.
25. Guerrini CJ, Majumder MA, Robinson JO, Cook-Deegan R, Blank M, Bollinger J, Geary J, Gutierrez A, Shrikant M, **McGuire AL**. Fresh takes on five health data sharing domains: Quality, privacy, equity, incentives, and sustainability. *Frontiers in Big Data*. 2023;6:1095119. PMID: 36814524; PMCID: PMC9939819.
26. Karnaze MM, Kious BM, Feuerman LZ, Classen S, Robinson JO, Bloss CS, **McGuire AL**. Public mental health during and after the SARS-CoV-2 pandemic: Opportunities for intervention via emotional self-efficacy and resilience. *Frontiers in Psychology*. 2023;14:1016337. PMID: 36755671; PMCID: PMC9899813.
27. Gutierrez AM, Robinson JO, Raesz-Martinez R, Canfield I, Majumder MA, Scollon S, Desrosiers LR, Hsu R, Allen-Rhoades W, Parsons DW, Plon SE, **McGuire AL**, Malek J. Views of adolescents and young adults with cancer and their oncologists toward patients' participation in genomic research. *Journal of Adolescent and Young Adult Oncology*. 2023;12(5):773-781. PMID: 36595372; PMCID: PMC10611971.
28. Smith HS, Bonkowski ES, Deloge RB, Gutierrez AM, Recinos AM, Lavelle TA, Veenstra DL, **McGuire AL**, Pereira S. Key drivers of family-level utility of pediatric genomic sequencing: a qualitative analysis to support preference research. *European Journal of Human Genetics*. 2023;31:445-452. PMID: 36434257.

29. Lekstrom-Himes J, Augustine EF, Brower A, Defay T, Finkel RS, **McGuire AL**, Skinner MW, Yu TW. Data sharing to advance gene-targeted therapies in rare diseases. *American Journal of Medical Genetics*. 2023;193(1):87-98. PMID: 36594517.
30. Pereira S, Gutierrez AM, Robinson JO, Christensen K, Genetti C, Blout Zawatsky CL, Hsu R, Zettler B, Kurtz Uveges M, Parad R, Beggs AH, Holm IA, Green RC, **McGuire AL**, BabySeq Project Team. Parents' decision-making regarding whether to receive adult-onset only genetic findings for their children: Findings from the BabySeq Project. *Genetics in Medicine*. 2023;25(3):100002. PMID: 36549595; PMCID: PMC9992280.
31. Zuk P, Sanchez CE, Kostick-Quenet K, Muñoz KA, Kalwani L, Lavingia R, Torgerson L, Sierra-Mercado D, Robinson JO, Pereira S, Outram S, Koenig BA, **McGuire AL**, Lázaro-Muñoz G. Researcher views on changes in personality, mood, and behavior in next-generation deep brain stimulation. *AJOB Neuroscience*. 2023;14(3):287-299. PMID: 35435795; PMCID: PMC9639000.
32. Guerrini CJ, Robinson JO, Bloss CC, Bash Brooks W, Fullerton SM, Kirkpatrick B, Lee SSJ, Majumder M, Pereira S, Schuman O, **McGuire AL**. Family secrets: Experiences and outcomes of participating in direct-to-consumer genetic relative-finder services. *American Journal of Human Genetics*. 2022;109(3):486-497. PMID: 35216680; PMCID: PMC8948156.
33. Kostick-Quenet K, Kalwani L, Koenig B, Torgerson L, Sanchez C, Muñoz K, Hsu RL, Sierra-Mercado D, Robinson JO, Outram S, Pereira S, **McGuire AL**, Zuk P, Lázaro-Muñoz G. Researchers' ethical concerns about using adaptive deep brain stimulation for enhancement. *Frontiers in Human Neuroscience*. 2022;16:813922. PMID: 35496073; PMCID: PMC9050172.
34. Guerrini CJ, Contreras JL, Brooks WB, Canfield I, Trejo M, **McGuire AL**. "Idealists and capitalists": Ownership attitudes and preferences in genomic citizen science. *New Genetics and Society*. 2022;41(2):74-95. PMID: 36593889; PMCID: PMC9802607.
35. Schwartz TS, Christensen KD, Uveges MK, Waisbren SE, **McGuire AL**, Pereira S, Robinson JO, Beggs AH, Green RC; BabySeq Project Team, Bachmann GA, Rabson AB, Holm IA. Effects of participation in a U.S. trial of newborn genomic sequencing on parents at risk for depression. *Journal of Genetic Counseling*. 2022;31(1):218-29. PMID: 34309124; PMCID: PMC8789951.
36. Largent EA, Clapp J, Blumenthal-Barby JS, Grady C, **McGuire AL**, Karlawish J, Grill JD, Stites SD, Peterson A. Deciding with others: Interdependent decision-making. *Hastings Center Report*. 2022;52(6):23-32. PMID: 36537275; PMCID: PMC9773484.

37. Guerrini CJ, Trejo M, Canfield I, **McGuire AL**. Core values of genomic citizen science: Results from a qualitative interview study. *BioSocieties*. 2022;17(2):203-228. PMID: 36032504; PMCID: PMC9400840.
38. Hill EJ, Robak LA, Al-Ouran R, Deger J, Fong JC, Vandeventer PJ, Schulman E, Rao S, Saade H, Savitt JM, von Coelln R, Desai N, Doddapaneni H, Salvi S, Dugan-Perez S, Muzny DM, **McGuire AL**, Liu Z, Gibbs RA, Shaw C, Jankovic J, Shulman LM, Shulman JM. Genome sequencing in the Parkinson Disease clinic. *Neurology, Genetics*. 2022;8(4):e200002. PMID: 35747619; PMCID: PMC9210549.
39. Hysong S.J., **McGuire AL** Increasing physician participation as subjects in scientific and quality improvement research. *BMC Med Ethics*. 2022;81.
40. Morain SR, Kraft SA, Wilfond BS, **McGuire AL**, Dickert NW, Garland A, Sugarman J. Toward meeting the obligation of respect for persons in pragmatic clinical trials. *Hastings Center Report*. 2022;52(3):9-17. PMID: 35763201.
41. Lázaro-Muñoz G, Pham MT, Muñoz KA, Kostick-Quenet K, Sanchez CE, Torgerson L, Robinson J, Pereira S, Outram S, Koenig BA, Starr PA, Gunduz A, Foote KD, Okun MS, Goodman W, **McGuire AL**, Zuk P. Post-trial access in implanted neural device research: Device maintenance, abandonment, and cost. *Brain Stimulation*. 2022;15(5):1029-1036. PMID: 35926784; PMCID: PMC9588741.
42. Smith HS, Morain SR, Robinson JO, Canfield I, Malek J, Rubanovich CK, Bloss CS, Ackerman SL, Biesecker B, Brothers KB, Goytia CN, Horowitz CR, Knight SJ, Koenig B, Kraft SA, Outram S, Rini C, Shipman KJ, Waltz M, Wilfond B, **McGuire AL**. Perceived Utility of Genomic Sequencing: Qualitative Analysis and Synthesis of a Conceptual Model to Inform Patient-Centered Instrument Development. *Patient*. 2022;15(3):317-328. PMID: 34658003.
43. Kostick-Quenet K, Mandl KD, Minssen T, Cohen IG, Gasser U, Kohane I, **McGuire AL**. How NFTs could transform health information exchange. *Science*. 2022;375(6580):500-502. PMID: 35113709.
44. Dong E, Boom JA, **McGuire AL**. Should pediatricians dismiss families who refuse a COVID-19 vaccine? *Clin Pediatrics*. 2022;61(2):99-103. PMID: 34875894.
45. Armstrong B, Christensen KD, Genetti CA, Parad RB, Robinson JO, Blout Zawatsky CL, Zettler B, Beggs AH, Holm IA, Green RC, **McGuire AL**, Smith HS, Pereira S; BabySeq Project Team. Parental attitudes toward standard newborn screening and newborn genomic sequencing: Findings from the BabySeq Study. *Frontiers in Genetics*. 2022;13:867371. PMID: 35571041; PMCID: PMC9091188.
46. Trinidad MG, Ryan KA, Krenz CD, Roberts JS, **McGuire AL**, De Vries R, Zikmund-Fisher BJ, Kardia S, Marsh E, Forman J, Kent M, Wilborn D, Spector-Bagdady K. "Extremely slow and capricious": A qualitative exploration of genetic researcher

- priorities in selecting shared data resources. *Genetics in Medicine*. 2022;25(1):115-124. PMID: 36371759; PMCID: PMC9843821.
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253. **McGuire AL**, Majumder MA, Cheney JR. The ethics of lawyer-ethicists. *Journal of Law, Medicine & Ethics*. 2005;33(3):2-6.
254. **McGuire AL**, McCullough LB. Respect as an organizing normative category for research ethics. *American Journal of Bioethics*. 2005;5(1):W1-2.
255. Whitney SN, **McGuire AL**, McCullough LB. A typology of shared decision making, informed consent, and simple consent. *Annals of Internal Medicine*. 2004;140:54-9.

#### **Full Papers Without Peer Review**

256. Oliver JM, **McGuire AL**. Exploring the ELSI universe: critical issues in the evolution of human genomic research. *Genome Medicine*. 2011;3(6):38.
257. Guttmacher AE, **McGuire AL**, Ponder B, Stefansson K. Personalized genomic information: Preparing for the future of genetic medicine. *Nature Reviews Genetics*. 2010;11(2):161-5.

258. **McGuire AL**, Bruce C. Keeping children’s secrets: confidentiality in the physician-patient relationship. *Houston Journal of Health Law & Policy*. 2008;8(2):315-33.
259. Halevy A, **McGuire AL**. The history, successes, and controversies of the Texas “Futility” policy. *The Houston Lawyer*. 2006;43(6):1-4.
260. **McGuire AL**. Clearing the mist: Perspectives on a JD/PhD program in the medical humanities. *American Journal of Bioethics*. 2002;2(4):W7 (available online at <http://bioethics.net>).
261. **McGuire AL**. AIDS as a weapon: Criminal prosecution of HIV exposure. *Houston Law Review*. 1999;36(5):1787-17.

### **Abstracts Given During Last Three Years**

1. “How Psychedelics Challenge Core Assumptions about Medicine, Ethics, and Humanity” American Society for Bioethics and Humanities Annual Conference, Presentation. St. Louis, MO, 2024.
2. “Challenges in the Use of Psychedelic Compounds for Psychiatric Treatment” American Psychiatric Association Conference, Presentation. New York, NY, 2024.
3. “Building an inclusive ethics agenda for the psychedelic medicine renaissance” American Society for Bioethics and Humanities Annual Conference, Presentation. Baltimore, MD, 2023.
4. “Creating inclusive spaces for policy dialogue on the responsible conduct of research: Experience crafting standards for research during commercial space flight” American Society for Bioethics and Humanities Annual Conference, Presentation. Baltimore, MD, 2023.
5. “Topic: Behind the Curtain: Understanding the Peer Review Process” American Society for Bioethics and Humanities Annual Conference, Presentation. Baltimore, MD, 2023.
6. “The ethics of psychedelic research: Partnering with key stakeholders to build trust” American Society for Bioethics and Humanities Annual Conference, Presentation. Portland, OR, 2022.
7. “Family secrets revealed: Experiences and impacts of participating in direct-to-consumer genetic relative-finder services” ELSIcon, Paper Presentation. Virtual, 2022.
8. “Developing an evidence base for investigative genetic genealogy (IGG) policy-make” ELSIcon, Panel. Virtual, 2022.

9. “Equity considerations, challenges, and policy options for creating an effective knowledge common for hereditary cancer risk” American Society for Bioethics and Humanities Annual Conference, Presentation. Virtual, 2021.

## Books

### *Complete Books Written*

1. Winslade WJ, **McGuire AL**, Bustillos D, McKinney EB. *The Texas Medical Jurisprudence Examination: A Self-Study Guide, 10<sup>th</sup> edition* (Galveston, Texas: Institute for the Medical Humanities 2004).
2. Winslade WJ, **McGuire AL**, Bard JS, Erwin C. *The Texas Medical Jurisprudence Examination: A Self-Study Guide, 9<sup>th</sup> edition* (Galveston, Texas: Institute for the Medical Humanities 2002).

### *Book Chapters Written*

1. Guerrini CJ, **McGuire AL**, Lázaro-Muñoz G. Ethical, Legal, and Social Implications. Dhar SU, Nagamani SCS, Eble TN, editors. *Handbook of Clinical Adult Genetics and Genomics A Practice-Based Approach*. Academic Press; 2020.
2. McGuire AL, Pereira S, Gutierrez AM, Majumder MA. Ethics in Genetic and Genomic Research. Mazur KA, Berg SL, editors. *Ethical Issues in Pediatric Hematology/Oncology*. Springer, Cham; 2020.
3. Majumder MA, Zuk PD, McGuire AL. Medical Information Commons. Hudson B, Rosenbloom J, Cole D, editors. *Routledge Handbook of the Study of the Commons*. London: Taylor & Francis; 2018.
4. Achenbaum, LS, O’Doherty, KC, **McGuire, AL**. Ethical, legal and social dimensions of human microbiome research. In Karen E. Nelson (Ed.), *Encyclopedia of Metagenomics*: Springer Reference; 2012.
5. **McGuire AL**, Bruce C. Keeping children’s secrets: Confidentiality in the physician-patient relationship. In Begum A, ed. *Medical Treatment and Law*. The Icfai University Press; 2010.

## Other Works Communicating Research Results to Scientific Colleagues

1. Guerrini C, Gurney D, Kramer S, Moore C, Press M, **McGuire AL**. State genetic privacy statutes: Good intentions, unintended consequences? Harvard Law Bill of Health. 2023.

2. National Academies of Sciences, Engineering, and Medicine; Health and Medicine Division; Board on Health Sciences Policy; Committee on the Return of Individual-Specific Research Results Generated in Research Laboratories. Returning Individual Research Results to Participants: Guidance for a New Research Paradigm. *The National Academies Press*, 2018.
3. Jarvik GP, Amendola LM, Berg JS, Brothers K, Clayton EW, Chung W, Evans BJ, Evans JP, Fullerton SM, Gallego CJ, Garrison NA, Gray SW, Holm IA, Kullo IJ, Lehmann LS, McCarty C, Prows CA, Rehm HL, Sharp RR, Salama J, Sanderson S, Van Driest SL, Williams MS, Wolf SM, Wolf WA; eMERGE Act-ROR Committee and CERC Committee; CSER Act-ROR Working Group, Burke W. Return of genomic results to research participants: the floor, the ceiling, and the choices in between. *American Journal of Human Genetics*. 2014;94(6):818-826. (Consortium Collaborator)
4. McLaughlin HM, Ceyhan-Birsoy O, Christensen KD, Kohane IS, Krier J, Lane WJ, Lautenbach D, Lebo MS, Machini K, MacRae CA, Azzariti DR, Murray MF, Seidman CE, Vassy JL, Green RC, Rehm HL; MedSeq Project. A systematic approach to the reporting of medically relevant findings from whole genome sequencing. *BMC Medical Genetics*. 2014;15:134. (Consortium Collaborator)
5. The Human Microbiome Project Consortium. A framework for human microbiome research. *Nature*. 2012;486:215-221. (Consortium Collaborator)
6. The Human Microbiome Project Consortium. Structure, function and diversity of the healthy human microbiome. *Nature*. 2012;486:207-214. (Consortium Collaborator)
7. Studmant PH, Kitzman JO, Antonacci F, Alkan C, Malig M, Tsalenko A, Sampas N, Bruhn L, Shendure J, 1000 Genomes Project, Eichler EE. Diversity of Human Copy Number Variation and Multicopy Genes. *Science*. 2010;330:641-646. (Consortium Collaborator)
8. 1000 Genomes Project Consortium. A Map of Human Genome Variation from Population Scale Sequencing. *Nature*. 2010;467:1061-73. (Consortium Collaborator)

### **Other Works Communicating Research Results to General Public**

1. Jacobson, C, **McGuire AL**, Malek J, Fisher J, Lopez K, Boyd JW, Coburn M, Carpenter Jr RJ, Kaplan H, Horner C, Beasley A, Belfort M. Baylor College of Medicine Identifies Policy and Ethical Implications of Abortion Bans and Prohibitions. *Baylor College of Medicine*. 2022: (available online at <https://www.bcm.edu/about-us/leadership/office-of-the-president/position-statements/baylor-college-of-medicine-identifies-policy-and-ethical-implications-of-abortion-bans-and-prohibitions>)
2. Jacobson, C, Fletcher F, Majumder MA, Storch EA, Harris TB, Boyd JW, Cline VD, Cordon CM, Goodman W, Kaplan H, **McGuire AL**. Baylor College of Medicine

Highlights Importance of Mental Health and Opportunities to Build Systems and Cultures That Improve Care and Reduce Disparities. *Baylor College of Medicine*. 2022: (available online at <https://www.bcm.edu/about-us/leadership/office-of-the-president/position-statements/baylor-college-of-medicine-highlights-importance-of-mental-health-and-opportunities-to-build-systems-and-cultures-that-improve-care-and-reduce-disparities><https://www.bcm.edu/about-us/leadership/office-of-the-president/position-statements/baylor-college-of-medicine-identifies-policy-and-ethical-implications-of-abortion-bans-and-prohibitions>)

3. Morain S, **McGuire AL**, Hotez P, Dickinson ME, Allen J, Atmar R, El Sahly HM, Kulkarni PA, Weatherhead J, Piedra PA, Amos C, Calo MA, Jacobson C. Expanding our Role in Promoting Trust in Science for COVID-19 Vaccine Acceptance and Beyond. *Baylor College of Medicine*. 2021: (available online at <https://www.bcm.edu/about-us/leadership/office-of-the-president/position-statements/expanding-our-role-in-promoting-trust-in-science-for-covid-19-vaccine-acceptance-and-beyond>)
4. Jacobson C, Morain S, Smith HS, Harris TB, Balasubramanyam A, Spinks-Franklin A, Dark C, Lopez KK, Butler A, Lloyd S, Monroe A, Petersen L, Robinson J, Raphael JL, Garcia-Prats J, **McGuire AL**. Strengthening Our Commitment to Racial Justice to Improve Public Health. *Baylor College of Medicine*. 2020: (available online at <https://www.bcm.edu/about-us/leadership/office-of-the-president/position-statements/strengthening-our-commitment-to-racial-justice-to-improve-public-health>)
5. Morain S, Jacobson C, Farber H, Zoorob R, Hanania NA, Suter M, Aagaard K, Kheradmand F, **McGuire AL**. Baylor College of Medicine Taking Action to Address Youth Smoking and Vaping. *Baylor College of Medicine*. 2019: (available online at <https://www.bcm.edu/about-us/leadership/office-of-the-president/position-statements/smoking-and-vaping>)
6. Hotez P, Morain S, Scott C, Jacobson C, **McGuire AL**. Baylor College of Medicine Responds to Measles Outbreak in United States. *Baylor College of Medicine*. 2019: (available online at <https://www.bcm.edu/about-us/leadership/office-of-the-president/position-statements/measles-response>)
7. Jacobson C, Morain S, Erickson K, Fedson S, Ramanathan V, Rana A, Nguyen Galvan NT, Loor G, Cotton R, Goss J, Kuy S, Feuerman L, **McGuire AL**. Baylor College of Medicine Calls for More Accountability and New Strategies to Improve Organ Donation Policy. *Baylor College of Medicine*. 2019: (available online at <https://www.bcm.edu/about-us/leadership/office-of-the-president/position-statements/organ-donation-policy>)
8. Morain S, Jacobson C, Fisher J, Haddock A, Harris T, Dark C, Levine R, Coverdale J, Coburn M, Brandt M, Naik-Mathuria BJ, Shah A, Buzi R, Kaplow J, Lopez K, **McGuire AL**. Baylor College of Medicine Supports Comprehensive Research, Training and Advocacy to Address Firearm Safety. *Baylor College of Medicine*. 2019: (available online at <https://www.bcm.edu/about-us/leadership/office-of-the-president/position-statements/firearm-safety>)

[statements/baylor-college-of-medicine-supports-comprehensive-research-training-and-advocacy-to-address-firearm-safety \)](#)

### III. TEACHING INFORMATION

#### A. EDUCATIONAL LEADERSHIP ROLES

Center Director, 2012 – present  
Clinical Ethics Fellowship Director, 2014 – present  
Health Policy Program Director, 2020 – present  
Ethics, Professionalism, and Policy Program (EP3), Established and Oversee, 2013 – present  
Bioethics Intensive Course, Established and Oversee, 2015 – present  
EnMed HEAL (Humanities, Ethics, Economics, Art, and Law) Program, Established and Oversee, 2020 – present  
Center Summer Internship Program, Established and Oversee, 2021 – present  
Course Director, First Year Required Course in Medical Ethics, 2005 – 2009  
Small Group Leader, First Year Required Course in Medical Ethics, 2005 – 2009

#### B. DIDACTIC COURSEWORK

##### Courses Taught at BCM, Center for Medical Ethics & Health Policy

“Transition to Clerkships” Ethics Small Groups, Second Year Medical Students, Ethics Thread, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2024. (Course Directors: Claire Horner, J.D., Ph.D. and Holland Kaplan, M.D., 8 contact hour, 8 students)

“Introduction to Ethics and Professionalism” Mid-Size Group, First Year Medical Students, Ethics Thread, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2023. (Course Directors: Claire Horner, J.D., Ph.D. and Holland Kaplan, M.D., 1 contact hour, 20 students)

“Ethics in Human Subject Research” Mid-Size Group, First Year Medical Students, Ethics Thread, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2023. (Course Directors: Claire Horner, J.D., Ph.D. and Holland Kaplan, M.D., 1 contact hour, 20 students)

“Ethics of End of Life Care” Mid-Size Group, First Year Medical Students, Ethics Thread, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2023. (Course Directors: Claire Horner, J.D., Ph.D. and Holland Kaplan, M.D., 1 contact hour, 20 students)

“How to Write a Rapid Policy Response” Third Year Elective, Health Policy Pathway Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2020-present. (Course Directors: Amy McGuire, J.D., Ph.D., Hadley Stevens Smith, Ph.D., Wesley Boyd, M.D., Ph.D., Mary Majumder, J.D., Ph.D. and Vaso Rahimzadeh, Ph.D., 3 contact hours, 15 students)

“Ethical Issues in Human Subject Research” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2022, 2020, 2019. (Course Director: Christi Guerrini, J.D., 1 contact hour, 200 students)

“Interprofessional Ethics Panel” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2022. (Course Director: Christi Guerrini, J.D., 1 contact hour, 200 students)

“Informed Consent and Research Ethics” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2020, 2019, 2018. (Course Director: Christi Guerrini, J.D., 1 contact hour, 200 students)

“Ethics in Clinical Research” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2019, 2018, 2017, 2010. (Course Directors: Jennifer Blumenthal-Barby, Ph.D. and Christi Guerrini, J.D., 1 contact hour, 200 students)

“End of Life II: Futility and Determination of Death” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2018. (Course Director: Christi Guerrini, J.D., 1 contact hour, 200 students)

“Informed Consent” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2016 - 2018. (Course Directors: Jennifer Blumenthal-Barby, Ph.D. and Christi Guerrini, J.D., 1 contact hour, 200 students)

“Ethical Issues in Pediatrics” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2016 - 2017. (Course Director: Jennifer Blumenthal-Barby, Ph.D., 1 contact hour, 200 students)

“Ethical Issues in Human Subject Research” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2012 - 2016. (Course Director: Jennifer Blumenthal-Barby, Ph.D., 1 contact hour, 200 students)

“Confidentiality and Privacy” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2012 - 2014. (Course Director: Jennifer Blumenthal-Barby, Ph.D., 1 contact hour, 200 students)

“Genomics” Second Year Elective Seminar Series in Bioethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2014 – 2015 (Course Director: Jennifer Blumenthal-Barby, Ph.D., 4 contact hours, 22 students)

“Genomics and Justice” Second Year Elective Seminar Series in Bioethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2013 – 2014 (Course Director: Jennifer Blumenthal-Barby, Ph.D., 4 contact hours, 38 students)

“Justice and Health Equity” Second Year Elective Seminar Series in Bioethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2013 – 2014 (Course Director: Jennifer Blumenthal-Barby, Ph.D., 4 contact hours, 38 students)

“Introduction and the Trolley Problem” Second Year Elective Seminar Series in Bioethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2012 – 2013. (Course Director, 2 contact hours, 25 students)

“Active/Passive Euthanasia” Second Year Elective Seminar Series in Bioethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2012 – 2013. (Course Director. 2 contact hours, 25 students)

“Legal Underpinnings” Second Year Ethics Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2011. (Course Director: Jennifer Blumenthal-Barby, Ph.D., 2 contact hours, 25 students)

“Confidentiality” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2006, 2008 - 2011. (Course Directors: Jennifer Blumenthal-Barby, Ph.D. and Amy McGuire, J.D., Ph.D., 1 contact hour, 200 students)

“Genomics and Personalized Genomic Medicine” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2010. (Course Director: Jennifer Blumenthal-Barby, Ph.D., 1 contact hour, 200 students)

“Informed Consent and Refusal” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2006 - 2009. (Course Director, 1 contact hour, 200 students)

“The Ethics and Future of Personalized Genomic Medicine” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2009, 2008. (Course Director, 1 contact hour, 200 students)

“End-of-Life Decision Making” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2005 - 2009. (Course Director, 1 contact hour, 200 students)

“Clinical Challenges to Informed Consent” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2005 - 2008. (Course Director, 1 contact hour, 200 students)

“Death and Dying” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2007. (Course Director, 1 contact hour, 200 students)

“Clinical Challenges to Informed Consent” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2005 - 2007. (Course Director, 1 contact hour, 200 students)

“Introduction to the First Year Medical Ethics Course” First Year Required Course in Medical Ethics, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX, 2005. (Course Director, 1 contact hour, 200 students)

#### **Courses Taught at BCM External to Center for Medical Ethics & Health Policy**

“Eugenics, Genetics and Reproduction” Healing by Killing: Medicine during the Third Reich Elective Course, Baylor College of Medicine. Houston TX, 2018. (Course Director: Sheldon Rubinfeld, M.D., 1 contact hour, 20 students)

“Eugenics and Genetics: Then and Now” Healing by Killing: Medicine during the Third Reich Elective Course, Baylor College of Medicine. Houston TX, 2017. (Course Director: Sheldon Rubinfeld, M.D., 1 contact hour, 20 students)

“Scientist as a Responsible Member of Society: Genetics and Ethics” Ethics course for Post Docs, Graduate School of Biomedical Sciences Professor of Biochemistry and Molecular Biology, Baylor College of Medicine, Houston TX, 2012. (Course Director: H.F. Gilbert, Ph.D., 1 contact hour, 30 students)

“Ethics for Genetics Students” Molecular and Human Genetics Graduate Course, Baylor College of Medicine, Houston, TX, 2012. (Course Director: Gad Shaulasky, Ph.D., 1 contact hour, 20 students)

“Pediatric Decision Making, Confidentiality, and Participation in Clinical Research” Department of Pediatric Critical Care, Baylor College of Medicine, Houston, TX, 2008. (Course Coordinator: Samuel Umaru, M.D., 1 contact hour, 30 students)

“APEX Medical/Legal Module” and “Genetics in Medicine Module” Baylor College of Medicine, Houston, TX, 2009 (1 contact hour, 130 students)

“Medical Ethics” Monthly Conference, Department of Internal Medicine, Residents, Baylor College of Medicine, Houston TX, 2004 – 2006, 2008 (12 contact hours, 40 students)

“Pediatrics 101, Ethics” Pediatric Residents, Baylor College of Medicine, Houston TX, 2004 – 2006; 2008 (3 contact hours, 36 students)

### **Courses Taught at Other Institutions**

“Genetics and Ethics” Episcopal High School, AP Biology Course, Houston, TX, 2019. (Course Instructor Kalee Blackburn)

“Genomics and the Law” University of Houston Law Center, Houston, TX, 2012. (Course Director: Jessica Roberts, J.D.)

“Ethics of DNA” Symposium Lifelong Learning Institute, Fall Course, Houston, TX, 2011. (Course Coordinator: Marge Mayer)

“Clinical Research: Tools and Techniques” University of Texas Medical Branch, Galveston, TX, 2010. (Course Directors: Karl Anderson, M.D., Jason Glenn, Ph.D.)

“The Future of Genomic Information for Personalized Medicine” University of Texas School of Public Health, Genomics Short Course, Houston, TX, 2009. (Course Coordinators: Charles Sing, Eric Boerwinkle, Richard Gibbs)

“Human Genetics” Seminar, University of Texas-School of Public Health, Houston, TX, 2008. (Course Coordinator: Sara Ann Barton, M.S.)

"Complementary and Alternative Medicine: An Ethnographic Exploration of Health and Disease" HUMA 261, Rice University, Houston, TX, 2007 (Course Director)

“Introduction to Health Law” Graduate Students, Rice University, Houston, TX, 2005, 2007 (Course Directors: Amy L. McGuire, J.D., Ph.D. and Mary A. Majumder, J.D., Ph.D.)

“The Ethical Nature and Limits of Professionalism in Medicine” Phil 206, Rice University, Houston, TX, 2006 (Course Director: Laurence B. McCullough, Ph.D.)

“Genetics and the Law” University of Houston Law Center, Houston, TX, 2006. (Primary Instructor: Dan Bustillos, J.D.)

“Confidentiality” University of Texas – Houston Medical School, Medical Ethics Course, Houston, TX, 2005. (Course Director: Stanley Riser)

### **C. CURRICULUM DEVELOPMENT WORK**

Bioethics Intensive Course, Center for Medical Ethics & Health Policy, Baylor College of Medicine, 2015-present

Lecturer, Small Group Leader, Lecturer, Curriculum Development  
Health Professionals

Ethics, Professionalism and Policy Program, Center for Medical Ethics & Health Policy, Baylor College of Medicine, 2013-2021

Lecturer, Curriculum Development  
BCM Residents

Seminar Series in Bioethics, Baylor College of Medicine, 2012-2013

Course Director, Lecturer, Curriculum Development

First Year Required Course in Medical Ethics, Center for Medical Ethics & Health Policy, Baylor College of Medicine, 2004-2022

Course Director, Lecturer, Curriculum Development

#### **D. BCM NON-DIDACTIC TEACHING**

##### **NIH Career Development Award and Diversity Supplement Training/Mentoring**

Implementation of an Impact Assessment Tool to Optimize Responsible Stewardship of Genomic Data in the Cloud

NIH/NHGRI K01HG013112

Faculty Mentor, Vasiliki Rahimzadeh, PhD, 2023-2028

Current Position: Assistant Professor, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX

A Case Study on Autism in Data Sharing Practices

NIH/NIMH R01MH126937-03S1

Faculty Mentor, Zuzana Skvarkova, 2023-2024

Current Position: Clinical Research Associate, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX

Identifying strategies to reveal genetic results over the lifespan

NIH/NHGRI K99HG012809

Faculty Mentor, Anna Lewis, PhD, 2023-2025

Current Position: Research Associate, Edmond J Safra Center for Ethics, Harvard University, Boston, MA

Developing Evidence-Based Guidance for Engaging Rural Residents in the Deep South in Genomics Research: A Stakeholder-Driven Perspective

NIH/NHGRI K01HG011495

Faculty Mentor, Faith Fletcher, PhD, 2021-2024

Current Position: Assistant Professor, Center for Medical Ethics and Health Policy, Baylor College of Medicine, Houston, TX

Ethical and Policy Aspects of Cortical Visual Prosthetics Research: An Empirical Neuroethics Study

NIH/NIMH F32MH127776

Faculty Mentor, Peter Zuk, PhD, 2021-2024

Current Position: Research Fellow, Center for Bioethics, Harvard University, Boston, MA

A Case Study on Latinx Community Perspectives about Creating a Cancer Genomic Variant Commons (Diversity Supplement)

NIH/NCI R01CA237118-02S1

Faculty Mentor, Amanda Gutierrez, MPH, 2020-2022

Current Position: PhD candidate, Harvard University

Neuroethics of aDBS Systems Targeting Neuropsychiatric and Movement Disorders (Diversity Supplement)

NIH/NIMH R01MH114854-S1

Faculty Mentor, Demetrio Sierra, PhD, 2018-2022

Current Position: Associate Professor, University of Puerto Rico School of Medicine, Puerto Rico

Genetic Data Partnerships: Enabling Equitable Access within Academic/Private Data Sharing Agreements

NIH/NHGRI K01HG010496

Faculty Mentor, Kayte Spector-Bagdady, JD, MBE, 2019-2024

Current Position: Assistant Professor, University of Michigan Medical School, Ann Arbor, MA

An ELSI-Integrated Evaluation of the Family-Level Utility of Pediatric Genomic Sequencing

NIH/NHGRI K99HG011491

Faculty Mentor, Hadley Smith, PhD, 2020-2022

Current Position: Assistant Professor, Harvard Medical School, Boston, MA

Ownership Interests in Research Outputs of Genomic Citizen Science Initiatives

NIH/NHGRI K01HG009355

Faculty Mentor, Christi Guerrini, JD, MPH, 2014 – 2017

Current Position: Assistant Professor, Center for Medical Ethics and Health Policy, Houston, TX

### **Clinical Fellow Training**

Faculty Mentor, Alice Kelley, PhD, 2024 – present

Current Position: Clinical Ethics Fellow, Center for Medical Ethics and Health Policy, Houston, TX

Faculty Mentor, Megan Kitts, PhD, 2023 – present

Current Position: Clinical Ethics Fellow, Center for Medical Ethics and Health Policy, Houston, TX

Faculty Mentor, Jared Smith, PhD, 2023 – present  
Current Position: Clinical Ethics Fellow, Center for Medical Ethics and Health Policy, Houston, TX

Faculty Mentor, Leon Budrie, PhD, 2022 – 2024  
Current Position: Program Manager, Houston Methodist Hospital System, Houston, TX

Faculty Mentor, Holland Kaplan, MD, 2021- 2023  
Current Position: Assistant Professor, Center for Medical Ethics and Health Policy, Houston, TX

Faculty Mentor, Maggie Taylor, PhD, 2021 – 2023  
Current Position: Clinical Ethicist, Cedars-Sinai Medical Center, Los Angeles, CA

Faculty Mentor, Eleanor Gilmore-Szott, PhD, 2021 – 2022  
Current Position: Assistant Professor, University of Arkansas for Medical Sciences, AR

Faculty Mentor, Joelle Robertson-Preidler, PhD, 2020 – 2022  
Current Position: Assistant Professor, McGovern Center for Humanities at UTHealth Houston, Houston, TX

Faculty Mentor, Olivia Schuman, PhD, 2020 – 2022  
Current Position: Assistant Professor, University of Louisville, Louisville, KY

Faculty Mentor, Ryan Nelson, PhD, 2019 – 2022  
Current Position: Staff Ethicist, Allina Health, Minneapolis, MN

Faculty Mentor, Bryanna Moore, PhD, 2019 – 2021  
Current Position: Assistant Professor, UTMB, Galveston, TX

Faculty Mentor, Jamie Crist, JD, MA, 2018 – 2020  
Current Position: Clinical Ethicist, Advisor, Spectrum Health, Grand Rapids, Michigan

Faculty Mentor, Eric Mathison, PhD, MA, 2018 – 2019  
Current Position: Clinical Ethicist, Alberta Health Services, Edmonton, Alberta

Faculty Mentor, Sophia Fantus, PhD, MSW, 2017 – 2019  
Current Position: Assistant Professor, University of Texas Arlington, Arlington, TX

Faculty Mentor, Katarina Lee, JD, MA, 2016 – 2018  
Current Position: Assistant Professor, University of Manitoba, Winnipeg, Manitoba  
Clinical Ethicist, St. Boniface Hospital, Winnipeg, Manitoba

Faculty Mentor, Peter Koch, PhD, 2016 – 2018  
Current Position: Assistant Professor, Villanova University, Philadelphia, PA

Faculty Mentor, Ashley Stephens, MA, 2015 – 2017  
Current Position: Clinical Ethicist, Seton Healthcare Family, Austin, TX

Faculty Mentor, Trevor Bibler, PhD, MTS, 2014 – 2016  
Current Position: Assistant Professor, Center for Medical Ethics and Health Policy, Houston, TX

### **Research Fellow Training**

Faculty Mentor, Logan Neitzke-Spruill, PhD, 2023-present  
Current Position: Postdoctoral Associate, Center for Medical Ethics and Health Policy, Houston, TX

Faculty Mentor, Hadley Smith, PhD, MPSA, 2019 – 2022  
Current Position: Assistant Professor, Harvard Medical School, Boston, MA

Faculty Mentor, Peter Zuk, PhD, 2019 – 2021  
Current Position: Bioethics Research Fellow, Brain Bioethics Lab at Harvard Medical School's Center for Bioethics, Boston, MA

Faculty Mentor, Maggie Curnutte, PhD, 2012 – 2015  
Current Position: Senior Regulatory Affairs Specialist, Foundation Medicine, Boston, MA

Faculty Mentor, Stacey Pereira, PhD, 2010 – 2014 (Research Assistant), 2014 – 2016 (Postdoctoral Associate)  
Current Position: Assistant Professor, Center for Medical Ethics and Policy, Baylor College of Medicine, Houston, TX

### **Graduate Student Training**

Faculty Mentor, Henry Skinner, PhD, MJur, 2023 – 2024  
Current Position: Harvard Medical School, Boston, MA

Faculty Mentor, Melody Wang, JD, 2011 – 2012  
Current Position: Private Practice, Houston, TX

Faculty Mentor, Katie Rutherford, JD, 2010 – 2011  
Current Position: Assistant County Attorney, Chief Medical Examiner, Harris County Institute for Forensic Sciences, Houston, TX

Faculty Mentor, Quianta Moore, JD, 2009  
Current Position: Health Policy Associate, Baylor College of Medicine; Scholar in Health Policy, Rice University Baker Institute for Public Policy, Houston, TX

Faculty Mentor, Heather Honore, PhD, Fellow, 2008-2010  
Current Position: Assistant Professor, University of Houston, Houston, TX

Faculty Mentor, Laura Yeager, JD, LLM, 2008  
Current Position: Private Practice, Tampa, FL

Faculty Mentor, Cynthia Marietta, JD, LLM, 2008  
Current Position: Private Practice, Houston, TX

Faculty Mentor, Courtenay Bruce, JD, 2007-2008  
Current Position: Associate Professor, Institute of Academic Medicine, Houston TX  
Business Practices & Administration Houston Methodist Hospital, Houston, TX  
Associate Professor, Texas A&M Health Science Center, College of Medicine, Houston, TX

Primary Faculty Mentor, Karmen Slabic, PA-C, 2006  
Current Position: Private Practice, Friendswood, TX

### **Medical Student Mentoring**

Srijith Kambala, 2023-2024

Naomi Kass, 2023-2024

Madeleine Cluck, 2024

Lucas Mashietto, MD, 2020 – 2021

Anveet Janwadkar, MD, 2020

Bharath Ram, MD, 2020

Jeremiah Lee, MD 2020

### **Medical Ethics Pathway and Health Policy Pathway Faculty Mentor**

Fernando Padilla, MD, 2022 – 2023

Caroline Christmann, MD, 2022 – 2023

Elliott Bearman, MD, 2021 – 2022

Lizzy Sult Case, MD, 2021 – 2022

Miguel Franquiz, MD, 2020 – 2021

Anh Huynh, MD, 2020 – 2021

Mary Taylor Winsten, MD, 2020 - 2021

Natalie Lazarescou, MD, 2019 - 2020

Stephanie Allen, MD, 2018 -2019

Cristina Saez, MD, 2018 – 2019

Nicholas Tolat, MD, 2018 - 2019

Danielle Clark, MD, 2017 – 2018

Aravindh Ganapathy, MD, 2017 – 2018

Alexandra Madeline Hill, MD, 2016 – 2017

Amanda Christine Scully, MD, 2016 – 2017

Stephan Besada, MD, 2016 – 2017

Martin Huynh, MD, 2015 – 2016

Juliana van Tyen Wilking-Johnson, MD, 2015 – 2016

Anthony Wood, MD, 2015 – 2016

Jean-Huei Yau, MD, 2015 – 2016

Kevin Eaton, MD, 2014 – 2015

Rachel Conrad, MD, 2014 – 2015

Jennifer Wax, MD, 2013 – 2014

Ella Doerge, MD, 2013 – 2014

Rebecca Divers, MD, 2012 – 2013

Elliot Richards, MD, 2012 – 2013

### **Undergraduate Student Training**

Center for Medical Ethics Bioethics Summer Research Internship Mentor

Harshini Anand, 2024

Alison Purcell, 2024

Fiona Shepherd, 2024

Emily Curl, 2023

Joseph Asfour, 2023

Sarah Cunningham, 2022

Sarah Eapen, 2022

Caroline Beit, 2021

Sudhanvan Iyer, 2021

Rice-BCM Health, Humanism, and Society Scholars Program Faculty Intern Mentor

Ayra Badurpura, 2024-2025

Nikita Singh, 2023-2024

Makenzie Kubik, 2018-2019

Caroline Lee, 2016 – 2018

Aseem Utrankar, 2017 – 2018

Rishi Suresh, 2016 – 2017

Michelle Zhao, 2016 – 2017

Emily Statham, 2015 – 2016

Thomas Carroll, 2013 – 2014

David Falgout, 2010 – 2011

Selim Sheikh, 2010 – 2011

Johanna Ohm, Spring 2011

## **E. FACULTY DEVELOPMENT/CONTINUING MEDICAL EDUCATION**

“Attending to Our Own After the COVID-19 Pandemic: The Mental Health of Healthcare Providers”, Michael E. DeBakey Department of Surgery Grand Rounds, Baylor College of Medicine. Houston, TX 2022.

“Prenatal and neonatal genomic sequencing: ethical issues at the beginning of life” University of Pittsburgh and OB/GYN Grand Rounds. Pittsburgh, PA 2019.

“Meeting the ethical challenges of genomic medicine” University of Pittsburgh and OB/GYN Grand Rounds. Pittsburgh, PA 2019.

“Promoting citizen science, protecting public interests” University of Pittsburgh and OB/GYN Grand Rounds. Pittsburgh, PA 2019.

“Ethics and Genomic Research” Research Education Series, Texas Children’s Hospital. Houston, TX 2019.

“Ethical, legal, and social implications of genetics and precision health” Annual CME Lecture on Ethics, Retired Physicians’ Organization (RPO) of Harris County Medical Society. Houston, TX 2019.

“The impact of precision medicine on patients, their physicians and the healthcare system” Precision Medicine in the Community, Continuing Medical Education, Baylor College of Medicine. Houston, TX 2019.

“Ethics in the era of genomic medicine” University of Cincinnati: Grand Rounds. Cincinnati, OH, 2018.

“The influence of next generation sequencing on human health” Texas Children’s Hospital’s Child Neurology Grand Rounds. Houston, TX, 2016.

“Medical confidentiality, professionalism, and ethical challenges in the use of social media” Grand Rounds, Houston Methodist Hospital. Houston, TX, 2015.

“Genomics, ethics and the future of precision medicine” Alumni Reunion, Continuing Medical Education, Baylor College of Medicine. Houston, TX, 2015.

“Genomics, ethics, and the future of precision medicine” Neurology Grand Rounds: Baylor College of Medicine. Houston, TX, 2015.

## **F. LECTURES AND PRESENTATIONS**

“The Role of Ethics and Policy in Building a Learning Health System” Board of Trustees Retreat, Baylor College of Medicine. Houston, TX, 2018.

“Nurturing nature: Ethical Controversies in Genomic Medicine” Alumni Reunion, Baylor College of Medicine. Houston, TX, 2018.

“Destiny's Child: Reproduction in the Age of Genomics” Reproductive Health Research Day, Center for Reproductive Medicine, Baylor College of Medicine. Houston, TX, 2017.

“Nurturing Nature: Ethical Controversies in Genomic Medicine” Baylor College of Medicine: Alumni Reunion. Houston, TX, 2017.

“You are Unique: What’s Your Formula?” Baylor Partnership Luncheon. Houston, TX, 2016.

“Your Genes, Your Destiny: The Ethics of Genome Sequencing” Baylor President’s Circle. Houston, TX, 2016.

Professional Master’s Program Seminar Series, Rice University. Houston, TX, 2015.

“Personalized Medicine: Genetics in Healthcare, Medicine, Research and Society Series” Rice University, Houston, TX, 2010.

“The Ethics of Stem Cells” BCM Partnership. Houston, TX, 2010

“Personalized Genomic Medicine: Ethical Considerations” 2008 Molecular Surgeon Symposium on Personalized Genomic Medicine and Surgery, Baylor College of Medicine. Houston, TX, 2008 (supported by NIH R13CA132572).

“The Genome of James Watson: An Historic Moment in Genomic Medicine” Baylor College of Medicine and 454 Life Sciences, Public Symposium. Panelist, Houston, TX, 2007.

## **IV. SERVICE CONTRIBUTIONS**

### **A. ADMINISTRATIVE ASSIGNMENTS AND COMMITTEES**

#### **Center for Medical Ethics & Health Policy**

Center Director, 2012 – present

Clinical Ethics Fellowship Director, 2014 – present

Health Policy Program Director, 2020 – present

Ethical Legal Implication of Psychedelics in Society (ELIPSIS) Program Co-Director, 2023 – present

#### **Institutional-Wide**

*BCM Leadership and Strategic Planning*

Baylor College of Medicine and Rice University, Oversight Council, 2024 – present  
Chair Leadership Engagement Workshop (CLEW), Member, 2022 – present  
Strategic Planning Executive Committee, Co-Lead of Ethics/Policy and Implementation Working Group, 2018 – present  
Norton Rose Fulbright Award Steering Committee, Member, 2018 – 2019  
Grievance Committee, Member, 2017  
Leadership Development Program, 2008 – 2009  
Hospital Research Planning Committee, Member, 2007  
*Solutions Magazine*, Editorial Advisory Board, Member, 2007 – 2008  
Institutional Review Board, Member, 2004 – 2012

### *Educational Leadership*

Student Professionalism Response Intervention Team (SPRINT), Member, 2015 – present  
Academy of Distinguished Educators, Member, 2008 – present  
Undergraduate Medical Education Professional Appraisal and Competency Evaluation (PACE) Committee, Member, 2007 – 2015  
M.D./ J.D. Program Advisory Board, Member, 2004 – 2012  
Allied Health Education Executive Committee, 2008 – 2011  
Student Financial Aid and Scholarship Committee, Member, 2007 – 2010  
Undergraduate Medical Education Curriculum Committee, Member, 2005 – 2010  
Undergraduate Medical Education Capstone Course Subcommittee, 2008 – 2010  
Undergraduate Medical Education Electives Subcommittee, Chair, 2006 – 2009  
Undergraduate Medical Education Professionalism Task Force, Member, 2005 – 2007

### *Other*

TMC COVID-19 Ethics Workstream, Chair, 2020 – 2022  
PeriBank, Department of Obstetrics and Gynecology, Governance Board, 2011 – 2023  
Ben & Margaret Love Bobby Alford Award for Academic Clinical Professionalism, Selection Committee, Member, 2008 – 2013  
Eliminating Health Disparities in Clinical Trials (EDICT), Executive Advisory Committee for the Research Arm, Member (Co-PI: Placido Grino), 2006 – 2010

## **B. PROFESSIONAL OR VOLUNTARY ORGANIZATIONS**

### *Local*

Greater Houston HealthConnect Research Committee, Member, 2017 – present  
Texas Children's Hospital, Ethics Committee, Member, 2014 – 2016  
Ben Taub General Hospital, Ethics Committee, Member, 2005 – 2010  
Darwin2009, Houston Academy of Medicine-Texas Medical Center, Advisory Board, 2007 – 2008

St. Luke's Episcopal Hospital, Ethics Committee, Member, 2005 – 2007  
The Methodist Hospital, Ethics Committee, Member, 2004 – 2006  
The University of Texas Medical Branch, Ethics Committee, Member, 2001 – 2004

*National*

Greenwall Foundation, Faculty Scholars Meeting Planning Committee, Chair, 2017 – 2021; Member 2021 – 2022  
FamilyTreeDNA Citizen Panel, Member, 2019 – 2020