

UNIVERSITY OF COLORADO SCHOOL OF MEDICINE

Matthew DeCamp, MD PhD
Curriculum Vitae – August 15, 2024

1. PERSONAL INFORMATION

2019-present Associate Professor, Center for Bioethics and Humanities and Division of General Internal Medicine, Department of Medicine, University of Colorado

2019-present Medical Staff, University of Colorado Hospital and UHealth Internal Medicine Clinic - Garfield, Core Privileges in Internal Medicine

Address University of Colorado-Center for Bioethics & Humanities
Fulginiti Pavilion for Bioethics and Humanities - Mailstop B137
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2. EDUCATION

Undergraduate

2000 BS, Biochemistry (honors), Purdue University, West Lafayette, IN

Doctoral/ Graduate

2007 PhD, Philosophy (Medical Scientist Training Program), Duke University, Durham, NC

2008 MD (Medical Scientist Training Program), Duke University, Durham, NC

Postdoctoral

2008-2009 Intern, Internal Medicine, University of Michigan, Ann Arbor, MI

2009-2010 Resident, Internal Medicine, University of Michigan, Ann Arbor, MI

2010-2013 Post-doctoral fellow, Greenwall Fellowship in Bioethics & Health Policy, Johns Hopkins University, Baltimore, MD; and Georgetown University, Washington, DC

2010-2013 Post-doctoral fellow, Internal Medicine, Division of General Internal Medicine, Johns Hopkins University School of Medicine, Baltimore, MD

3. PRIOR ACADEMIC APPOINTMENTS

2013-2019 Assistant Professor, Division of General Internal Medicine, Department of Medicine, Johns Hopkins

2015-2019 Core Faculty, Johns Hopkins Berman Institute of Bioethics

2013-2015 Associate Faculty, Johns Hopkins Berman Institute of Bioethics

4. HOSPITAL, GOVERNMENT, or OTHER PROFESSIONAL POSITIONS

N/A

5. HONORS, SPECIAL RECOGNITIONS and AWARDS

1998 – 2000 Barry M. Goldwater Scholar

1999 Phi Beta Kappa

2000 The Rhodes Scholarship, District V Finalist

2002	Dr. Shoshanah Trachtenberg Frackman Essay Contest winner, “Ethics and the Physician-Patient Relationship”
2004	Duke University Institute for Genome Sciences and Policy Graduate Studentship
2006 – 2007	Duke University Kenan Institute for Ethics Dissertation Fellowship
2007	Pharmaceutical Policy Leaders in Medicine Leadership Institute, American Medical Student Association
2008	Duke University School of Medicine Dean’s Recognition Award
2008	Johns Hopkins General Internal Medicine Housestaff Research Award, Jeremy Sugarman Award in Bioethics
2013	Excellence in Global Health Advising, Johns Hopkins Center for Global Health
2015	Outstanding Teaching Faculty, Term 1, Johns Hopkins Bloomberg School of Public Health
2015	Outstanding Teaching Faculty, Term 2, Johns Hopkins Bloomberg School of Public Health
2016	Fellow, American College of Physicians (FACP)
2017	Outstanding Teaching Faculty, Term 1, Johns Hopkins Bloomberg School of Public Health
2017	Outstanding Teaching Faculty, Term 2, Johns Hopkins Bloomberg School of Public Health
2018	Scholarly Concentrations Excellence in Mentoring Award, Johns Hopkins School of Medicine (nominated by Ilan Caplan)
2018	Outstanding Teaching Faculty, Term 2, Johns Hopkins Bloomberg School of Public Health
2022	University of Colorado School of Medicine, Department of Medicine “Rising Star” Award
2022	Excellence in Clinician Investigation, Society of General Internal Medicine Mountain West Region
2023	Department of Medicine Junior Faculty Mentoring Program (JUMP)
2023	Scientific or QI Podium Award, Annual Assembly of Hospice and Palliative Care (with Hillary Lum and Stacy Fischer)
2023	Recognized for Excellence in Medical Education, Division of General Internal Medicine, Department of Medicine, University of Colorado (Longitudinal Integrated Clerkship)
2023	Distinguished Achievement Award in Research, Division of General Internal Medicine, Department of Medicine, University of Colorado
2023	Nominee, Bardsley Award. Longitudinal Integrated Clerkship (nominated by Selin Ekici)
2024	University of Colorado Anschutz Medical Campus Research Collaboration Team Award (Role: Co-investigator)

6. MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

2009-present	Society for General Internal Medicine Ethics Committee Member 2009-present Conflict of Interest Review Committee 2016-present Ethics Committee Co-Chair/Chair Elect 2015-2017 Ethics Committee Chair 2017-2019
2010-present	American Society for Bioethics and Humanities, Member
2010	Academy Health, Member

2015-2019 American College of Healthcare Trustees, Founding Member

2015-present American College of Physicians, Fellow (elected January 2016)

2019-present Palliative Care Research Cooperative Group (member)
Ethics & Engagement Advisor, 2019-present

7. MAJOR COMMITTEE AND SERVICE RESPONSIBILITIES

2002 – 2008 Member, Duke University Health System Institutional Review Board (IRB)

2006 Member, Duke University Kenan Institute for Ethics Search Committee, Directorship

2006 Member, Duke University Global Health Initiative Search Committee, Directorship

2006 Sub-Committee Member, Duke University Global Health Poster Session

2013-2019 Member, Johns Hopkins Institutional Review Board (IRB)

2014-2015 Poster Judge, Johns Hopkins School of Medicine Medical Student Research Day

2014-2015 Member, Excellence in Advising Awards Selection Committee, Johns Hopkins Center for Global Health,

2015 Member, Johns Hopkins Hospital Ambulatory ACO Quality Improvement Project Committee

2015-2016 Member, Johns Hopkins Berman Institute of Bioethics, Search Committee, Directorship

2015-2019 Member, Johns Hopkins Berman Institute of Bioethics Seminar Committee

2015-2017 Member, Johns Hopkins Medicine Alliance for Patients (JMAP) Greater Baltimore Regional Advisory Council

2016-2019 Member, Johns Hopkins Medicine Patient Outreach Committee

2017 Member, Johns Hopkins Berman Institute of Bioethics, Search Committee, Faculty Member in Global Bioethics

2019-2022 Co-Lead, Dissemination, Implementation, and Community Engagement (DICE) Core, Data Science to Patient Value (D2V) Program, University of Colorado

2021 35th Annual Research Forum, Poster Judge, University of Colorado School of Medicine

2021 Scientific Abstract Review Chair, Medical Ethics, Professionalism, and Humanities category, Society of General Internal Medicine Annual Meeting

2021 Ongoing Professional Practice Evaluation (OPPE) Committee Member, Division of General Internal Medicine, University of Colorado School of Medicine

2022 Chair, Search Committee, Faculty Member in Artificial Intelligence Ethics, Center for Bioethics and Humanities, University of Colorado

2022-present Director, Research Ethics, Colorado Clinical and Translational Sciences Institute (CCTSI)

2022-present Member, Partnership of Academicians and Communities for Translation (PACT) Council, Colorado Clinical and Translational Sciences Institute (CCTSI)

2023 PIKE-PREP Mock Interviewer (Preparation in Interdisciplinary Knowledge to Excel), University of Colorado

8. LICENSURE AND BOARD CERTIFICATION

Board Certification

2013 American Board of Internal Medicine, board certified (324482)

Medical, other state/government licensure

June 2008-June 2010 Michigan Training License 4301092267
July 2010-July 2012 Maryland Training License D25997
August 2012-September 2020 Maryland State Medical License (D0074726, expired 9/30/2020)
14 November 2018 – present Colorado State Medical License (DR.0061527, expires 4/30/2025)

DEA and Controlled Substance

Maryland CDS (M77662, expired 7/31/2019)
DEA number XXXXXXXXX (expires 6/30/2027)

Other

2008-2012 Advanced Cardiac Life Support (ACLS)
Active Basic Life Support (BLS 11/2024)

9. INVENTIONS, INTELLECTUAL PROPERTY and PATENTS

Consultantships

2015 American Physicians Insurance Group (*ended 10/2015*)
2016 Burton Health Policy: Advised on ethical issues for the Maryland/ DC health information, the Chesapeake Regional Information Service for our Patients (CRISP) (*ended 4/2016*)
2016 Otsuka Pharmaceuticals: Advised on ethical issues in digital medication adherence (*ended 3/2016*)

10. REVIEW WORK

Study Sections, Grant Reviews, and External Advisory Committees

2016-2019 Committee Member, Chesapeake Regional Information System for our Patients (CRISP) Data Use Committee
2016 Expert Reviewer, Center for Medicare and Medicaid Innovation (ACO)
2017 Panel Chair and Expert Reviewer, Centers for Medicare and Medicaid Services Next Generation Accountable Care Organization (ACO)
2017-2019 Accountable Care Learning Collaborative (ACLC) Patient Centeredness Workgroup
2017 Panel Chair and Expert Reviewer, Center for Medicare and Medicaid Innovation Next Generation Accountable Care Organization (ACO)
2021 Reviewer, National Institutes of Health, Bridge2AI applications
2022 Reviewer, ZRG1 PSE-E (50) R - RFA-OD-22-006: RADx-UP Community-Engaged Research on Rapid SARS-CoV-2 Testing among Underserved and Vulnerable Populations
2023 Bioethicist, Toxic Exposures Research Program. Congressionally Directed Medical Research Programs (CDMRP)

- 2023 University of Colorado School of Nursing. Dean's Intramural Pilot Award
 2023 Bioethicist, Peer Reviewed Alzheimer's Research Program. Congressionally Directed Medical Research Programs (CDMRP)
- 2024 Ad hoc reviewer, Pilot and Exploratory Project applications for the Claude D. Pepper Older Americans Independence Center (OAIC), Yale University School of Medicine
- 2024 Reviewer, K to R Pre-Grant Program, Colorado Clinical and Translational Sciences Institute (CCTSI), University of Colorado (2 sessions)
- 2024 Reviewer, National Institutes of Health, Societal and Ethical Issues in Research (SEIR) ZRG1 SCIL-Y (80)

Journal Editorial Boards

None

Selected Journal Peer Review Activities, Ad Hoc

Academic Medicine
 American Journal of Tropical Medicine & Hygiene
 Annals of Internal Medicine
 BMC Medical Education
 BMC Medical Ethics
 Chest
 Christian Journal of Global Health
 Health Expectations
 International Journal of Public Health
 Journal of General Internal Medicine
 Journal of Hospital Medicine
 Journal of Medical Ethics
 Journal of Medical Internet Research (JMIR)
 JAMA Internal Medicine
 Public Affairs Quarterly

Informal Advisory Activities

- 2012 Contributor, President's Council of Advisors on Science and Technology; Advised on distributional effects of patent/ innovation reform for their report, *Propelling Innovation in Drug Discovery, Development, and Evaluation*
- 2015 Informal Advisor, National Partnership for Women and Families: Advised on proposed evaluation of patient engagement in Next Generation ACO models for the Center for Medicare and Medicaid Innovation

11. INVITED LECTURES, PRESENTATIONS, AND VISITING PROFESSORSHIPS

Regional (Mid-Atlantic)

- 8 April 2008 Human rights, essential medicines, and intellectual property, Trent Center for Bioethics, Humanities, and History of Medicine Faculty Colloquium (Duke University)
- 9 January 2012 Medicines for the Future: What do we owe the next generation?, Berman Institute of Bioethics Seminar Series (Johns Hopkins University)
- 25 March 2013 Ethical issues in the adoption of social media by physicians, Berman Institute of Bioethics Seminar Series on "Adoption of Innovation" (Johns Hopkins University)
- 2 April 2013 Social media and medical professionalism: Threat, or opportunity? Dr. Jennifer Ann Kierson Memorial Pediatric Grand Rounds (Sinai Hospital)

- 20 June 2014 Ethics and the Affordable Care Act: What it Means to You, Your Patients, and Society. Invited Presenter. 4th Annual Judith Levy Ethics Workshop. Kennedy Krieger Institute.
- 19 September 2015 Meaningfully Engaging Patients in ACO Governance (Panel), American College of Healthcare Trustees, Washington, DC
- 10 February 2016 Ethical Issues in Population Health, Welch Center Grand Rounds (Johns Hopkins University)
- 5 April 2016 Ethics and the Pursuit of Quality, Johns Hopkins Bayview Medicine Grand Rounds (Johns Hopkins Medicine)
- 7 April 2017 The Changing Landscape of Biomedical Communication, Research Integrity Colloquium (Johns Hopkins Medicine)
- 24 January 2018 Ethics and Professionalism in the Era of Twitter and Facebook, Ethics for Lunch Series (Johns Hopkins Bayview Medical Center)
- 2 March 2018 What is Value in Health Care? 5th Annual Pellegrino Symposium (Georgetown University, Washington DC)

Regional (Mountain West)

- 5 April 2019 From Explainability to Accountability for Machine Learning in Medicine, Center for Values and Social Policy, University of Colorado (Boulder), Boulder, CO.
- 21 May 2019 Ethics and Engineering for Global Health. BIOE Global Health in Guatemala. University of Colorado (Anschutz Medical Campus), Denver, CO.
- 24 September 2019 Engaging patients, family members and caregivers in end-of-life and palliative care research: Addressing the bioethical University of Colorado – Palliative Care Conference (PCC) challenges. Denver, CO.
- 15 April 2020 Ethical issues in the response to COVID-19. COVID-19 Just-In-Time ECHO for Primary Care Providers. Webinar. Denver, CO.
- 19 May 2020 Ethical issues in the response to COVID-19. Division of General Internal Medicine Grand Rounds. Denver, CO.
- 22 May 2020 The ethical aspects of COVID-19: Equity as a common thread. Colorado Medical Society Webinar. Denver, CO.
- 27 April 2021 Ethical Issues When Recruiting, Consenting, and Conducting Research Via Patient Portals. University of Colorado Palliative Care Conference. Denver, CO.
- 11 October 2021 Navigating Competing Interests in Healthcare. Panelist with Jandel Allen Davis, Patricia A. Gabow, and Roger Rivow. University of Colorado.
- 26 October 2021 Perilous Medicine: The Struggle to Protect Health Care from the Violence of War. Conversation with Leonard Rubenstein. University of Colorado.
- 9 December 2021 Medical Aid in Dying in Colorado: The Experiences of MAiD Providers. With Eric Campbell. Ethics Grand Rounds. University of Colorado.
- 7 November 2022 Artificial Intelligence and Medicine. With Peter Foltz. Research Club. Brain Health Center of the Rockies.

- 1 March 2023 Embedded Ethics for Artificial Intelligence. Colorado Healthcare Information and Management Systems Society (HIMSS) Spring Meeting. Denver, CO.
- 12 April 2023 Decolonizing global health: lessons from mass drug administration and global health training. With Ahmed Alasmar. Center for Global Health, University of Colorado. Denver, CO.
- 16 August 2023 Addressing Misinformation and Disinformation in Science and Health Communication. Moderator. With Ashley Anderson, Aimee Bernard, Leysia Palen. 11th Annual CU-CSU CCTSI Summit. Denver, CO.
- 29 September 2023 Will your next doctor bet a bot? With Casey Green and C.T. Lin, moderated by John Ingold. Colorado SunFest. Denver, CO.
- 5 December 2023 Exploring the use of AI in your health care. With Casey Green and C.T. Lin, moderated by John Ingold. AgeWise Colorada. *Webinar*
- 8 December 2023 Patient-facing Chatbots in Health Care: Helpful Nudge, or Biased Manipulation? Department of Medicine Grand Rounds. National Jewish Health. Denver, CO.
- 13 March 2024 Artificial Intelligence Panel. University of Colorado Kavod AgeTech Research Roadshow. Temple Sinai. With CT Lin and Elizabeth Goldberg. Denver, CO.
- 4 April 2024 Changing the Practice of Medicine with AI. Chancellor's Transforming Healthcare Lecture Series. With Casey Greene, CT Lin, Jayashree Kalpathy-Cramer, and Tell Bennett. Aurora, CO.
- 21 May 2024 Artificial Intelligence in Health Care: *Algorithms, Predictions, and Chatbots, Oh My*. Pediatric Ethics Grand Rounds. Aurora, CO.
- 24 July 2024 Ethics of Artificial Intelligence-Based Prognostication in Palliative Care. With Ahmed Alasmar. University of Colorado – Palliative Care Conference. Aurora, CO.
- 9 August 2024 Ethics, Bias and Artificial Intelligence in Medicine. University of New Mexico ECHO Series. *Webinar*

National/Invited (or Equivalent)

- 4 December 2007 Ethical theory and the informed consent process (Presenter), Annual Human Research Protection Programs Conference (PRIM&R), Boston, MA
- 24 September 2011 Medicine 2.0 and medical professionalism (Presenter), Michigan State Medical Society 15th Annual Bioethics Conference, Traverse City, MI
- 10 April 2014 Social media and medical professionalism: What physicians need to know, American College of Physicians IM Invited Panel, Orlando, FL
- 10 June 2014 Ethics in Unique Partnerships (Panelist with Kevin F. Brennan, Executive Vice President and CFO at Geisinger Health System, and Joanne Judge, Co-Chair of Health Care Group at Stevens & Lee; moderated by Les Levinson, Chair, Healthcare Practice Group at Edwards Wildman Palmer LLP), Pennsylvania Institute of Certified Public Accountants, Hershey, PA
- 30 April 2015 Ethical Challenges of Accountable Care Organizations (Presenter), Zurick Davis Learning from Leaders - National Online Educational Webinar (Non-Commercial)
- 2 May 2015 Ethical Issues in Medical Volunteerism (Panelist with Claudia Leonard and Michele Barry), American College of Physicians IM Invited Panel, Boston, MA
- 4 May 2015 Ethics, the IRB, and Use of Social Media in Clinical Research, Panelist, Association for

- Research in Vision and Ophthalmology 2015 Annual Meeting, Denver, CO
- 15 October 2015 Meaningfully Engaging Patients in ACO Decision-making, American Journal of Managed Care's ACO and Emerging Healthcare Delivery Coalition Fall 2015 Meeting, Palm Harbor, FL.
- 12 July 2017 Ethics, Accountable Care Organization, and Patient Engagement. Trinity Health National Ethics Champion Program (webinar).
- 14 September 2017 Giving Voice to Patients' Values. University of Colorado (Denver) Center for Bioethics and Humanities, Denver, CO.
- 19 March 2018 The Ethics of Virtual Engagement. University of Colorado (Denver) Data Science to Patient Value (D2V) Symposium, Using Virtual Platforms to Engage Stakeholders in Research, Denver, CO.
- 23 March 2018 ASPC Annual Debate: The Pros versus Cons of Considering Costs When Considering Cardiovascular Prevention and Treatment (Debate with William Weintraub). American Heart Association Council on Epidemiology and Prevention and Control, EPI/Lifestyle 2018 Scientific Sessions, New Orleans, LA.
- 23 April 2018 Hot Topics in Aging 2018 Keynote. Ethics in a Changing Health Care Organization and Payment Landscape. University of Texas Health Science Center at Houston. Houston, TX.
- 15 June 2018 American Association of Physician Liaisons 2018 Annual Conference. Ethics and Value-based Referrals. Keynote. Washington, DC.
- 20 July 2018 Fogarty Global Health Program for Fellows and Scholars. Orientation and Training. Ethical Obligations in Global Health: Beyond the IRB. Bethesda, MD.
- 27 July 2019 Association of Clinical and Translational Statisticians (ACTStat) Annual Meeting. Ethics, Accountability and Trust in Artificial Intelligence. Denver, CO.
- 25 September 2019 Fogarty International Center – Global Health Fellows and Scholars (UJMT Consortium). Bioethics in Global Settings. Webinar.
- 27 February 2020 Palliative Care Research Cooperative Group (PCRC) – National Investigator Meeting. Engaging patients, family members and caregivers in end-of-life and palliative care research (EOLPC): Addressing the bioethical challenges. Denver, CO.
- 24 March 2020 Exploring Medicine in Other Cultures: Honduras. Duke University. Ethics and Short-term Global Health. Durham, NC. **Webinar due to COVID-19**
- 16 April 2020 University of Florida Health Patient and Family Partnership Council for Quality & Safety Meeting. Realizing the Potential of Patient and Family Advisory Councils. Webinar. Jacksonville, FL.
- 29 April 2020 Johns Hopkins Executive Education Program, Leading Transformation to Value-based Health Care. Ethics and Value in the Time of COVID-19. Webinar. Baltimore, MD.
- 14 July 2020 28th Annual Conference on Intelligent Systems for Molecular Biology (ISMB2020). Ethics, Bias, and the Adoption of AI in Medicine. National Meeting. **Webinar due to COVID-19**
- 18 September 2020 University of Cincinnati Center for Clinical and Translational Science and Training (CCTST). Grand Rounds. Ethics, Bias, and AI in Medicine: More than Just Data. **Webinar due to COVID-19**

30 September 2020	Fogarty International Center – Global Health Fellows and Scholars (UJMT Consortium). Bioethics in Global Settings. Webinar.
4 October 2020	American Academy of Pediatrics National Conference. Invited Panelist for H3000: Beyond Short-term Missions: Lessons for Medical and Surgical Disciplines. A Critical Examination of the Historical Roots and Ethical Considerations of Global Health Engagement. <i>*Webinar due to COVID-19*</i>
14 October 2020	Grand Rounds, Institute for Medical Education (IME), Icahn School of Medicine, Mount Sinai School of Medicine. Ethics Education in Short-term Global Health: Past, Present & Future. New York, NY. <i>*Webinar due to COVID-19*</i>
13 January 2021	Johns Hopkins Sidney Kimmel Comprehensive Cancer Center, Responsible Conduct of Research Course. Human Subjects in Oncology Research: the Common Rule and Informed Consent in the Era of Electronic Health Records. Baltimore, MD. <i>*Webinar due to COVID-19*</i>
24 February 2021	Yale School of Medicine Program for Biomedical Methods. Ethics and Short-term Global Health Clinical Experiences Abroad: Past, Present, and Future. New Haven, CT. <i>*Webinar due to COVID-19*</i>
3 March 2021	Johns Hopkins Executive Education Program, Leading Transformation to Value-based Health Care. Ethics and Value in the Time of COVID-19. Webinar. Baltimore, MD.
6 April 2021	Exploring Medicine in Other Cultures: Honduras. Duke University. Ethics and Short-term Global Health. Durham, NC. <i>*Webinar due to COVID-19*</i>
18 May 2021	Mayo Clinic Artificial Intelligence Symposium. Ethics & Humanity: If AI is the answer, what is the question? Rochester, MN. <i>*Webinar due to COVID-19*</i>
4 June 2021	American Board of Artificial Intelligence in Medicine. First Friday Office Hours. Artificial Intelligence Ethics and Law. <i>*Webinar*</i>
4 June 2021	Northwestern University Center for Global Health Education. Global Health Education Day. Ethics and Short-term Global Health: Past, Present and Future. <i>*Webinar due to COVID-19*</i>
1 October 2021	Association of Medicine and Psychiatry 2021 Virtual Annual Meeting. Ethics and Short-term Global Health Experiences. <i>*Webinar due to COVID-19*</i>
6 October 2021	Welch Center Grand Rounds. Johns Hopkins University and School of Medicine. Algorithms Chatbots, and Data, Oh My! Ethics and Artificial Intelligence in Health Care. Baltimore, MD. <i>*Webinar due to COVID-19*</i>
20 October 2021	Ethics, equity and artificial intelligence. AI-Med Clinician Series: Primary Care & Population Health (with Anthony Chang, Cansu Canca, and G. Hamilton Baker). <i>*Webinar*</i>
3 November 2021	Fogarty International Center – Global Health Fellows and Scholars (UJMT Consortium). Bioethics in Global Settings. Webinar.
7 December 2021	Engaging Diverse Communities in Palliative Care Research: Why and How. With Ramona Rhodes and Jasmine Lopez. Palliative Care Research Cooperative. Webinar.
18 February 2022	The Experiences and Perspectives of Medical Aid in Dying in Colorado. With Eric Campbell and Richard N. Gottfried. New York University Langone Health Division of Medical Ethics. Webinar.
17 March 2022	Statement of Concern on Normothermic Regional Perfusion Presentation: <i>American College of Physicians</i> . Organ Procurement and Transplantation Network (OPTN) Ethics Committee Meeting. Chicago, IL. Webinar.

23 March 2022	The Experiences and Perspectives of Medical Aid in Dying in Colorado. With Eric Campbell. Baylor College of Medicine. Center for Medical Ethics and Health Policy. Webinar.
8 June 2022	Ethics and Clinically Integrated Networks (CINs). Trinity Health Ethics Champion Series. Webinar.
12-13 October 2022	Google Health Bioethics Summit 2022 (invitation only). Participant. Hosted in partnership with the Hastings Center. Webinar.
28 November 2022	The Ethics of Artificial Intelligence. Provost's Ethics Colloquium. Colorado State University.
12 December 2022	Decolonizing Global Health: Do We Agree on What it Means? Johns Hopkins Berman Institute of Bioethics Seminar Series. Johns Hopkins University. Baltimore, MD.
25 January 2023	Human Subjects in Oncology Research: the Common Rule and Informed Consent in the Era of Electronic Health Records. Johns Hopkins Sidney Kimmel Comprehensive Cancer Center, Responsible Conduct of Research Course.. Baltimore, MD. <i>*Webinar*</i>
21 March 2023	Ethical Considerations. 2023 National Critical Issues Forum. Normothermic Regional Perfusion (NRP). The Alliance and Gift of Life Institute. Philadelphia, PA.
18 May 2023	Getting Real About COVID-19 Testing: It's about more than the test. With Quatisha Bailey. National Institutes RADx-UP Project Wide Meeting. <i>*Webinar*</i>
7 June 2023	Ethicist's Perspective: When is it OK to Procure? American Transplant Congress Invited Impact Session, Dead or Alive? How to Define Death in the Machine Preservation Era With Normothermic Regional Perfusion. With Timothy Pruett and David Andrijevic. Moderators Korkut Uygun and Jorge Mallea. San Diego, CA.
12 September 2023	Ethics, bias and artificial intelligence in medicine. Dana Farber / Harvard Cancer Center Outcomes Seminar. Boston, MA.
5 October 2023	AI in Medicine: Exceptional, or Exceptionalism? The John Hanwell Riker Lecture. Philosophy Department Colloquium Series. Colorado College. Colorado Springs, CO.
24 October 2023	Reversing death? The ethics of new organ procurement technologies. Weill Cornell Medicine Medical Ethics Seminar Series. <i>*Webinar*</i>
3 November 2023	Chatbots in Medicine: Helpful Nudge or Biased Manipulation? 13 th Annual Midwestern Medical Humanities Conference. Keynote. <i>*Webinar*</i>
23 February 2024	Ethics and Artificial Intelligence: From Principles to Practice. Association of Professors of Medicine (APM) Annual Meeting. With Thomas Selva and Vesela Kovacheva (moderated by Peter Cram and Monica Kraft). Charleston, SC.
28 February 2024	Ethics, bias and artificial intelligence in medicine. Dana Farber / Harvard Cancer Center Informatics & Analytics Seminar. Boston, MA. <i>*Webinar*</i>
11 April 2024	Reimagining Global Health Training. University of North Carolina – Chapel Hill Gillings School of Global Public Health. With Dr. Deshira Wallace and Dr. Limbanazo Matandika; moderated by Dr. Benjamin Chi. <i>*Webinar*</i>
19 April 2024	Ethics, Engagement and Consent: A Facilitated Discussion. Participant Engagement – Cancer Genomics Sequencing Subcommittee Meeting. <i>*Webinar*</i>
26 April 2024	Bias and Fairness in AI in Health Care: Beyond the Data. 12 th Annual Arizona Bioethics Network Meeting. Phoenix, AZ.
17 May 2024	Artificial Intelligence & Bias in Healthcare. University of Connecticut Center for mHealth and Social Media 8 th Annual Conference. With Christina Harrington and Shiri Dori-Hacohen. Moderated by Megan O'Grady. <i>*Webinar*</i>

- 19 May 2024 Bias and Explainability in Artificial Intelligence in Medicine. Fran Comi Keynote Lecture. American Thoracic Society With Debra Boyer, Michael Howell, and Fatima Rodriguez. San Diego, CA.
- 31 May 2024 Real-world Ethics for Artificial Intelligence in Health Care. Ethics in Healthcare Conference 2024. Iowa City, IA.
- 5 June 2024 Managing Ethical Issues in Health Care AI: Beyond Data, Beyond Principles. Children's Hospital of Philadelphia Ethics Grand Rounds. *Webinar*

International

- 14 May 2016 Gender, Ethics, Equity and Health: Cultural Collision in Global Health Training (Plenary Presenter), PEGASUS Conference 2016 (Toronto, Canada)
- 14 May 2016 Ethics, Equity and Global Health Experiential Learning (Invited Workshop Presenter using our curriculum ethicsandglobalhealth.org), PEGASUS Conference 2016 (Toronto, Canada)
- 28 March 2019 "Reality Makes Our Decisions" Ethical Challenges in Humanitarian Health in Situations of Extreme Violence, Global Health Cluster Partner Meeting, World Health Organization, Geneva, Switzerland.

12. TEACHING RECORD

Classroom Instruction

- Fall 2003 Teaching Assistant for Allen Buchanan, Graduate, Ethics and Policy-Making (Duke University)
- Spring 2005 Teaching Assistant for Anthony So, Graduate, Globalization and Health Equity (Duke University)
- 2005 Teaching Assistant and Co-Instructor for Robert Cook-Deegan, Undergraduate/Graduate, Responsible Genomics (Duke University)
- Spring 2006 Instructor, Undergraduate, Philosophy 118, Issues in Medical Ethics (Duke University)
- Summer 2005, 2006
- Spring 2014 Instructor, Undergraduate, Philosophy 150, Global Health and Human Rights (Johns Hopkins Arts & Sciences)
- 2006-present Annual Lecturer, Exploring Medicine: Honduras, "Ethical Issues in Short-term Medical Outreach" or similar topics. (Duke University)
- 2013-present Annual Lecturer, Executive Education, HPM 312.501.E1 Transforming Health Systems for Accountable Care: Executive Education, "Ethical Issues in Accountable Care" (Johns Hopkins Bloomberg School of Public Health, currently titled as, "Leading Transformation to Value-based Healthcare")
- 2014-2015 Annual Lecturer, Postdoctoral, Military Tropical Medicine, "Ethical Issues in Short-term Medical Outreach" (Uniformed Services University of the Health Science)
- 2015 Co-Instructor with Leonard Rubenstein, Graduate, JHBSPH 700.622.01 Bioethics, Human Rights, and Global Health (Johns Hopkins Bloomberg School of Public Health) *Recognized for Excellence in Teaching in the JHBSPH, Term 1*
- 2015 Instructor, Graduate, JHBSPH 700.604.01 Methods in Bioethics, (Johns Hopkins Bloomberg School of Public Health) *Recognized for Excellence in Teaching in the JHBSPH, Term 2*
- 2015-2018 Annual Lecturer, Graduate, HPM 309.620.01 Managed Care and Health Insurance, "Ethical Issues in Managed Care: The Example of Accountable Care" (Johns Hopkins Bloomberg School of Public Health)

- 2016 Co-Instructor with Leonard Rubenstein, Graduate, JHBPSH 700.622.01, Bioethics, Human Rights, and Global Health (Johns Hopkins Bloomberg School of Public Health)
- 2017 Co-Instructor with Leonard Rubenstein, Graduate, JHBPSH 700.622.01, Bioethics, Human Rights, and Global Health (Johns Hopkins Bloomberg School of Public Health) *Recognized for Excellence in Teaching in the JHBSPH, Term 1*
- 2017 Instructor, Graduate, JHBPSH 700.621.81, Ethics in Clinical Practice (online, Johns Hopkins Bloomberg School of Public Health) *Recognized for Excellence in Teaching in the JHBSPH, Term 2*
- 2018 Co-Instructor with Leonard Rubenstein, Graduate, JHBPSH 700.622.01, Bioethics, Human Rights, and Global Health (Johns Hopkins Bloomberg School of Public Health)
- 2018 Instructor, Graduate, JHBPSH 700.621.81, Ethics in Clinical Practice (online, Johns Hopkins Bloomberg School of Public Health) *Recognized for Excellence in Teaching in the JHBSPH, Term 2*
- 2022 Instructor, HEHE 5550.001, Global Health, Bioethics, and Human Rights (University of Colorado – Graduate School)
- 2022 Instructor, HEHE 5050.03 Independent Study (Ethics and Accountable Care) (University of Colorado – Graduate School)

Guest Lectures (Courses)

- 7 October 2019 Short-term Global Health Ethics. Global Health & Disasters Course. Center for Global Health, University of Colorado.
- 5 October 2020 Short-term Global Health Ethics. Global Health & Disasters Course. Center for Global Health, University of Colorado.
- 2 December 2020 RCR8: Peer Review of Grants and Papers. Responsible Conduct of Research Monthly Seminar Series. University of Colorado.
- 3 February 2021 The Ethics of Global Health Engagement. Icahn School of Medicine at Mount Sinai. (Webinar).
- 5 May 2021 RCR8: Peer Review of Grants and Papers. Responsible Conduct of Research Monthly Seminar Series. University of Colorado.
- 17 May 2021 Fogarty Global Health Fellows and Scholars Program. Decolonizing and Democratizing Global Health Educational Session. Small Group Leader.
- 4 October 2021 Short-term Global Health Ethics. Global Health & Disasters Course. Center for Global Health, University of Colorado.
- 1 February 2022 Qualitative methods. HSMP 6617 - Interpreting Health Policy and Management Research. Colorado School of Public Health, University of Colorado.
- 6 April 2022 Global Health Ethics. IDPT 5012 – Introduction to Global Health Research. University of Colorado School of Medicine.
- 4 May 2022 RCR8: Peer Review of Grants and Papers. Responsible Conduct of Research Monthly Seminar Series. University of Colorado.

20 September 2022	Ethics and Bias in Machine Learning: More than the Data. BIOS7747 – Machine Learning for Biomedical Applications. Colorado School of Public Health.
10 October 2022	Short-term Global Health Ethics. Global Health & Disasters Course. Center for Global Health, University of Colorado.
11 October 2022	Ethics and Supervision. Global Health Pre-Departure Training. Center for Global Health, University of Colorado.
15 February 2023	Ethical Challenges in Global Health. IDPT 5012 – Introduction to Global Health Research. University of Colorado School of Medicine
17 May 2023	Introduction to Research Ethics. Health & Society Curriculum. University of Colorado School of Medicine.
13 June 2023	Peer Review of Grants and Papers. BSBT 6065 - Case Studies in Responsible Conduct of Research. University of Colorado School of Medicine.
6 September 2023	Ethics and Bias in Machine Learning: More than the Data. BIOS7747 – Machine Learning for Biomedical Applications. Colorado School of Public Health.
18 September 2023	Ethics and sensible use of data for health equity research and evaluation. CBHS 6645 – Latino/a/x/e Health. Colorado School of Public Health.
27 September 2023	Ethics and Short-term Global Health. Advanced Science Course (ASC). Global Health & Underserved Populations. University of Colorado School of Medicine.
9 October 2023	Short-term Global Health Ethics. Global Health & Disasters Course. Center for Global Health, University of Colorado.
6 December 2023	RCR8: Peer Review of Grants and Papers. Responsible Conduct of Research Monthly Seminar Series. University of Colorado.
24 January 2024	Research Ethics: Common Principles and Challenging Cases. Responsible Conduct of Research Training. Johns Hopkins University Medical Scientist Training Program. Webinar.
13 March 2024	Decolonizing Global Health: What does it mean for global health research?. IDPT-5012 Global Health Research. University of Colorado School of Medicine.
17 April 2024	Research with Human Subjects: The Basic and the Not-So-Basic. BIOE 5041: Clinical Experiences. University of Colorado.
22 April 2024	LAUNCH Decolonizing and Democratizing Global Health (DDGH). Education Session. Fogarty Global Health Program for Fellows and Scholars.
25 June 2024	Ethical Issues in Authorship and Peer Review. BSBT 6065: RCR Case Studies. University of Colorado.

Clinical instruction

2020-Present Medical Student Precepting (1/2 day per week or every other week in the Longitudinal Integrated Clerkship), University of Colorado School of Medicine.

CME instruction

- 19 July 2024 AI in Primary Care. 60th Annual Internal Medicine (Primary Care) Program. University of Colorado Department of Medicine – Division of General Internal Medicine. Estes Park, CO.
- 20 August 2020 Berger JT, Snyder Sulmasy L, DeCamp M. Pandemic Treatment Resource Allocation Ethics and Nondiscrimination. Medscape. <https://www.medscape.org/viewarticle/935914>.
- Quarterly 2013-18 Instructor, REwards (Research Ethics Workshops about Responsibilities and Duties of Scientists). Ethical Issues in Research Using Social Media: A New Paradigm?, CME Offering from Johns Hopkins Medicine Office of Continuing Medical Education. http://www.hopkinsmedicine.org/institutional_review_board/training_requirements/rewards.html.
- 15 December 2016 Instructor, Coverys Education Monthly Webinar. Social Media and Ethical Considerations: Minimizing the Risks [Are You at Risk?]. <http://www.cvent.com/events/live-webinar-social-media-and-ethical-considerations-minimizing-the-risks-are-you-at-risk-/event-summary-5f831ab58eb945d2b4aa70e0829870ad.aspx>.

National Workshops / Seminars

- 27 April 2013 Facilitator, Postgraduate, Keeping Your Compass: Using Goals of Care to Guide DNR Order Discussions. Society of General Internal Medicine (SGIM) 36th Annual Meeting (Denver, CO).
- 10 November 2014 Panelist, Postgraduate, Implementing Technology to Advance Medical Knowledge Across Borders, Association of American Medical Colleges 2014 Annual Meeting (Chicago, IL)
- 9 May 2020 Panelist, Postgraduate, Whose Job is it Anyway? The Role of Physicians and Health Care Systems in Addressing the American Health Care Paradox, Society of General Internal Medicine 2020 Annual Meeting (Birmingham, AL). (**Moved online due to COVID-19*)

Regional Intensive Courses (University of Colorado)

- 30 October - 1 November 2019 Group facilitator, Qualitative Workshop, Adult and Child Consortium for Health Outcomes Research and Delivery Science (ACCORDS) (Denver, CO)

Regional Intensive Courses (Johns Hopkins University)

- January 2013 Instructor with O'Connor D; Social Media and Health: Meeting the Ethical Challenges, Berman Institute of Bioethics Intensive Course (Baltimore, MD)
- January 2014 Instructor with Rushton C, Faden R, Levinson L; Reforming Health Systems through Accountable Care Organizations (ACOs): Ethical, Legal and Policy Challenges; Berman Institute of Bioethics Intensive Course (Baltimore, MD)
- 30 April 2019 -present Annual Guest lecturer in Johns Hopkins Executive Education Program, Leading Transformation to Value-based Health Care. (Baltimore, MD).

Lectures

Other Educational Activities

- 30 April 2015 Learn from Leaders-Ethical Challenges of ACOs. Instructor. Zurick Davis National Webinar.
- 2004 **DeCamp M**, Sugarman J. Accessible Genetics Research Ethics Education (AGREE): A Web-Based Program for IRBs and Investigators. Supported by the Office of Science, US Department of Energy, Grant No. DE-FG02-02ER62433. Freely available at <http://agree.mc.duke.edu> (now offline).

2011-present **DeCamp M**, Rodriguez, J, Barry M, Sugarman J. Ethical Challenges in Short-term Global Health Training. Supported by the Doris Duke Charitable Foundation. Freely available at <http://ethicsandglobalhealth.org>.

Pre-doctoral Advisees/Mentees

- 2012-2013 Sam Enumah (Medical Student, Johns Hopkins SOM scholarly concentration)
DeCamp M, Enumah S, O'Neill D, Sugarman J. Perceptions of a Short-term Medical Programme in the Dominican Republic: Voices of Care Recipients. *Global Public Health* 2014;9(4):411-25. PMID: 24617943. PMCID:PMC4009346.
AWARD: Selected for oral presentation at Medical Student Research Day
AWARD: "Excellence in Advising" Center for Global Health, Johns Hopkins
- 2013-2014 Lillian Buchhalter (MPH student, JHBPSH capstone, and medical student, Mayo Clinic)
A nihds investigation of ethical issues in global health training programs within the NIH Fogarty International Center's Fellows and Scholars

Current Position: Lillian Buchhalter, MD, MPH, Pediatric Emergency Medicine Fellow, Children's Hospital of Philadelphia
- 2014-2015 John Schulz (Medical Student, Johns Hopkins SOM scholarly concentration)
Schulz J, **DeCamp M**, Berkowitz S. Medicare Shared Savings Program: Public Reporting and Shared Savings Distributions. *American Journal of Managed Care* 2015;21(8):546-553.

Schulz J, **DeCamp M**, Berkowitz S. Regional Cost and Experience, Not Size or Hospital Inclusion, Helps Predict ACO Success. *Medicine* 2017 Jun;96(24):e7209. doi: 10.1097/MD.00000000000007209. PMID: 28614267.

Schulz J, **DeCamp M**, Berkowitz S. Spending Patterns Among Medicare ACOs That Have Reduced Costs. *Journal of Healthcare Management*. 2018; 63(6):374-381. PMID: 30418364
- 2016-2017 Ilan Caplan (Medical Student, Johns Hopkins SOM scholarly concentration)
A national survey of use of unclaimed bodies in US medical schools
AWARD: Scholarly Concentrations Excellence in Mentoring Award, Johns Hopkins School of Medicine

Caplan I, **DeCamp M**. Of Discomfort and Disagreement: Unclaimed Bodies in Anatomy Laboratories at United States Medical Schools. *Anatomical Sciences Education* 2019;12(4):360-9. PMID: 30586224.
- 2022-2023 Marlena McClellan (Medical Student, University of Colorado School of Medicine Mentored Scholarly Activity)

DeCamp M, Matandika L, Chinula L, Cañari-Casaño JL, Davis CH, Anderson E, McClellan M, Chi BH, Paz-Soldan VA. Decolonizing global health research: Perspectives from US and international global health trainees. *Annals of Global Health* 2023; 89(1):1-13.
- 2022-2023 Colin Joseph (MS, Colorado School of Public Health)
Hospital Participation in Medicare ACO Contracts and Changes in Preventable Hospital Admissions: Evidence of Heterogenous Spillover Effects.
- 2022-2023 Arizona Greene (Research Assistant, University of Colorado Anschutz Medical Campus)
Current: Duke University School of Medicine (Rauch Family Leadership Scholarship)
- 2023-2024 Felicita Leah Nez. PIKE-PREP: Preparation in Interdisciplinary Knowledge to Excel - Postbaccalaureate Research Education Program. Current: Case Western Reserve University PhD program (bioethics)

Post-doctoral Advisees/Mentees

- 2014-2015 Kevin Riggs, MD, MPH, Assistant Professor, Division of Preventative Medicine, University of Alabama School of Medicine, Hecht-Levi Fellow/ Fellow in General Internal Medicine, Johns Hopkins
Riggs KR, DeCamp M. Physicians' dual agency, stewardship, and marginally beneficial care. *Am J Bioeth* 2014;14(9):49-51. PMID: 25127281.
Riggs KR, DeCamp M. Providing Price Displays for Physicians: Which Price is Right? [Viewpoint] *JAMA* 2014;312(16):1631-1632. PMID: 25335141.
DeCamp M, Riggs KR. Navigating Ethical Tensions in High-Value Care Education. *JAMA* 2016;316(21):2189-2190. PMID: 27923098.
- 2015-2016 Vadim Dukhanin, MD (MPH student, Johns Hopkins Bloomberg School of Public Health capstone)
A systematic review of metrics for patient and family engagement in health care organizations.
Dukhanin V, Topazian R, DeCamp M. Metrics and evaluation tools for patient engagement in healthcare organization- and system-level decision-making: A systematic review. *International Journal of Health Policy and Management.* 2018;7(1):889-903. PMID: 30316241. PMC6186472.
- 2015-2016 William Cherniak, MD (MPH student, Johns Hopkins Bloomberg School of Public Health capstone)
Analysis of survey data regarding host perspectives on competencies in short-term global health training (“Visiting Students in Global Settings: Host and Partner Perspectives on Desired Student Outcomes”)
Cherniak W, Latham E, Astle B, Anguyo G, Beaunoir T, Buenaventura J, DeCamp M, Diaz K, Eichbaum Q, Hedimbi M, Myser C, Nwobu C, Standish K, Evert J. Visiting Trainees in Global Settings: Host and Partner Perspectives on Desirable Competencies. *Annals of Global Health* 2017; 83(2):359-68.
- 2019-present Kathryn Huber, MD, MBe (Internal Medicine Resident, University of Colorado)
Dementia, Disability and Technology: Conceptual Ethical Considerations. Abstract. 16th World Congress on Bioethics. Hosted by the Institute of Biomedical Ethics, University of Basel.
- 2022-present Mika Hamer, PhD, MPH (Post-doctoral Fellow, University of Colorado)
- 2023 – present James Aluri, MD (Post-doctoral Fellow, Johns Hopkins University).
Qualitative mentor on Greenwall Foundation Faculty Scholar Application

Faculty Mentees

- 2019-present Christine Baugh, PhD (Assistant Professor, Division of General Internal Medicine and Center for Bioethics and Humanities, University of Colorado)
- 2020-present Elizabeth R. Kessler, MD (Associate Professor, Division of Medical Oncology, University of Colorado). American Cancer Society Clinician Scientist Development Grant. “ABC123: A Framework for Goal Concordant Care in Advanced Bladder Cancer.”
- 2023-present Blake Martin, MD (Assistant Professor, Department of Pediatrics, University of Colorado). NICHD/NIH Career Development Award (K23HD111616). “Predicting the Absence of Serious Bacterial Infection in the PICU.”

2023-present Hillary Lum, MD, PhD (Associate Professor, Department of Medicine, University of Colorado). NIA/NIH K24. “Mentoring Researchers in Dementia Research by Engaging with Persons with Alzheimer’s Disease and Care Partners.” [1K24AG084999-1]

Thesis committees

- 2015 Amy Paul (PhD student, Johns Hopkins Bloomberg School of Public Health)
Triangulating Transition: Conceptual, practical, and ethical considerations for sustaining program impact through transitions to local ownership
(Committee Alternate)
- 2017 Hillary Samples (PhD student, Johns Hopkins Bloomberg School of Public Health)
Health care for common mental illness: The impact of national insurance reforms on utilization and spending and a study of services provided in general medical settings
(Committee Alternate)
- 2018 Rachel Fabi (PhD student, Johns Hopkins Bloomberg School of Public Health)
Publicly funded prenatal care for undocumented immigrants: A comparative case study in policy practice and law
(Committee Member)
- 2022 Mika Hamer, MPH (PhD student, University of Colorado – Anschutz Medical Campus)
Medicare Prevention Benefit Expansion: Adoption and Utilization of Benefits and Effects on Cancer Outcomes
(Committee Member)

Educational Program Building / Leadership

2010 –2013 Active facilitator, 0% effort, Johns Hopkins School of Medicine TIME Intersessions
Designed and implemented portions of intersession (ethics) for medical students, including case study development

13. GRANT SUPPORT

Research Extramural Funding – Current

14 March 2022 – 31 December 2025 **A mixed-methods study of the nature, extent and consequences of artificial intelligence (AI) for individualized treatment planning in end-of-life and palliative care (EOLPC)**
1R01NR019782-01A1
NIH/NINR
Total Award Amount: \$2,084,336
PI: DeCamp (University of Colorado)
Role: PI, 30% Effort

Millions of Americans could benefit from palliative care to address the physical, psychological, and social effects of severe and chronic illness. Artificial intelligence (AI) - computer-based algorithms that can carry out tasks typically reserved for humans – has the potential to give patients and families more detailed and more accurate information about prognosis than ever before, but whether or how to use this information ethically in support of patient- and family-centered care is unknown. To ensure AI supports high quality end-of-life and palliative care that is consistent with patients’ and families’ beliefs, values, and preferences, this project will identify the benefits and challenges of AI for palliative care and then develop practical guidance for its use.

1 March 2024 – 28
February 2029

Health AI and Data Science in Cardiovascular and Pulmonary Disease: Application and Bioethics (HARP-BIO)

R25HL146166

NIH/NHLBI

Total Award Amount: \$1,687,405

Contact PI: Flores (University of Colorado)

Role: MPI, 8% Effort

(HARP-BIO) will select junior faculty scholars underrepresented in science and medicine and bring them for two consecutive summer academies at the University of Colorado Anschutz Medical Campus. Here, the scholars will be introduced to state-of-the art multiomics approaches to study the impact of ancestry and gender on cardiovascular and pulmonary diseases as well as how biases in coding can influence artificial intelligence and machine learning outputs and contribute to health disparities. By examining biases in coding in artificial intelligence and machine learning we will generate fundamental information regarding these technologies and how to apply them ethically and equitably.

1 July 2024 – 30 June
2027

Characterizing Engagement and Equity in Research (CHEER)

PCORI

Total Cost: \$2,109,981

Contact PI: Kwan (University of Colorado)

Role: Co-PI, 15% effort

This study proposes a comparative effectiveness study of engagement methods to generate evidence that will inform research teams seeking to partner with underrepresented communities. It uses qualitative comparative analysis (QCA) and established quantitative measures to compare stakeholder advisory panels (SAP) vs other engagement methods (e.g., Delphi techniques, community engagement studios).

1 July 2023 – 31
December 2024

Trusting Each Other: Enhancing Trust in Health Care Relationships

Greenwall Foundation

Total Cost: \$271,290

PI: Wynia (University of Colorado)

Role: Co-I, 10% effort

Trusting patient-clinician relationships should be mutual. A patient may trust or mistrust a doctor, but a doctor may also trust or mistrust a patient. The vast majority of prior research on trust in health care has focused on understanding patient trust. This project will focus on two areas that haven't been studied nearly as much: (1) clinician trust in patients, including how that can help build reciprocal patient trust in the clinician, and (2) the roles of organizational and system policies and practices on building up or tearing down mutually-trusting relationships in health care.

1 January 2022 – 30
November 2024 (NCE)

REACH-OUT (Research, Engagement and Action on COVID-19 Health Outcomes via Testing)

1U01MD017436

NIH/NIMHD

Total Award Amount: \$1,084,336

MPI: DeCamp, Nease, Manson (University of Colorado)

Role: Contact PI, 15% Effort

As the coronavirus disease 2019 (COVID-19) pandemic continues to evolve, testing and contact tracing will remain critical to ongoing prevention of serious illness, death, and the social, economic and other ill-effects of

the virus. For millions of Americans living in communities disproportionately affected by COVID-19, testing is essential and yet complicated by social, ethical, and behavioral implications – such as concerns about employment status, privacy, stigma, mistrust, and bias – that can deter testing. This community-based project will engage five communities to design, implement, and evaluate interventions to address these concerns.

1 January 2022 –30
June 2024 (NCE)

The Chatbot Is In: Ethics and Conversational AI in Health Care

Greenwall Foundation
Total Cost: \$210,575
PI: DeCamp (University of Colorado)
Role: PI, 15% effort

As artificial intelligence (AI)-based technologies are poised to revolutionize health care, one of the most exciting developments has been the development of “chatbots” – computer programs that simulate conversation with humans. Dr. DeCamp and his team will seek to understand the real-world experiences of patients with chatbots, identify critical ethically-relevant aspects of chatbots that AI developers and policymakers must take into account, and examine the normative implications of these empirical findings for transparency, autonomy, privacy, trust, and fairness in health care.

1 September 2022 – 31
May 2027

Decision trajectories of patients at the end of life: An epidemiological exploration of MAID and the impact on caregivers and clinicians

1 R01 AG079555-01
NIH/NIA
Total Award Amount: \$3,093,168
MPI: Matlock, Fischer
Role: Co-I, 8% Effort

This is a longitudinal cohort study to examine we propose to conduct a longitudinal cohort study of patients who are pursuing MAiD from a national sample as well as their caregivers and clinicians. The first aim is to understand quantitative and qualitative outcomes of seriously ill older and younger persons pursuing MAiD and the patient-level factors that are associated with subsequently using MAiD. Then we aim to understand the quantitative and qualitative outcomes of caregivers of older and younger patients pursuing MAiD. Finally we aim to qualitatively examine the attitudes and experiences of clinicians prescribing and caring for patients considering MAiD.

15 September 2020 –
31 August 2024

Health and Financial Implications of Early-Stage Alzheimer’s Disease and Related Dementias

1RF1AG069922
NIH/NIA
Total Direct Cost: \$3,037,522
PI: Hersch Nicholas (University of Colorado)
Role: Co-I, 10% Effort

In this project, we study whether and how credit report and banking data could be used to catch early warning signs of ADRD and assess potential ethical concerns from use. Findings from this study will provide the most comprehensive information to date on the prevalence and magnitude of financial losses and elder mistreatment prior to ADRD diagnosis, as well as their impact on spousal health.

1 October 2023 – 30
September 2024

Contract work on ethical issues in contemporary medicine

American College of Physicians

Total Direct Cost: \$40,405
PI: DeCamp (University of Colorado)
Role: PI, 15% Effort

For this budget period, work included research and writing on determination of death and health as a human rights, as well as ethical issues in organ transplantation.

Research Extramural Funding – Prior

1 October 2022 – 30 September 2023 **Contract work on ethical issues in contemporary medicine**

American College of Physicians
Total Direct Cost: \$39,268
PI: DeCamp (University of Colorado)
Role: PI, 15% Effort

For this budget period, work included research and writing on determination of death and health as a human rights, as well as ethical issues in organ transplantation.

1 October 2021 – 30 September 2022 **Contract work on ethical issues in contemporary medicine**

American College of Physicians
Total Direct Cost: \$39,268
PI: DeCamp (University of Colorado)
Role: PI, 15% Effort

For this budget period, work included research and writing on determination of death, COVID-19 visitation policies, and other issues.

1 July 2020 – 30 June 2022 **Mass Administration of Antibiotics: Reaching Clinical and Community Equipose**

Greenwall Foundation
Total Direct Cost: \$128,857
Multiple PI: So (Johns Hopkins University)
Role: Co-PI, 5% Effort

20 August 2021 – 31 May 2022 **Biomarker of Lung Disease in African Americans: Bioethics Supplement**

3R01HL137995-04S1
NIH/NHLBI Trans-NIH Research Support
Total Award Amount: \$177,875 (\$113,875 direct)
PI: Bowler (National Jewish Health)
Role: Co-Investigator, 10% Effort

This project aims to address the extent of the privacy problem among diverse TOPMed cohorts and begin investigating potential solutions for the NIH to develop new policies for protection of proteomic and metabolomic data in research.

13 August 2021 - 30
June 2022

**Palliative Care Research Cooperative Group (PCRC): Refinement and Expansion:
Supplement – Engaging PCRC Community Hospice Partners to Address Social,
Ethical & Behavioral Barriers to COVID-19 Vaccination for Home Health Aides**
3U2CNR014637-09S1
NIH/NINR
Total Award Amount: \$217,698 (\$139,999 direct)
MPI: Pollak, Ritchie, and Kutner (University of Colorado)
Role: Co-Investigator, 10% Effort

This project aims to systematically address the social, ethical, cultural and behavioral factors that influence decision making related to COVID-19 vaccination for home health aides working in the home environment.

23 July 2021 -30 June
2022

Administrative Supplement to The UJMT Global Consortium

3D43TW009340-10S2
NIH/FIC
Total Award Amount: \$108,000
MPI: Buekens, Checkley, Kondwani and Chi (University of North Carolina)
Role: Co-Investigator, 10% Effort

This project supports a unique, multidisciplinary, multinational team (a U.S. bioethicist with >5 years' teaching experience in UJMT; a Peruvian-American social scientist; and a Malawian Ob-Gyn, mentor, and former Fogarty trainee) that will identify the most pressing issues faced by Fogarty Global Health Fellows and Scholars and develop new bioethics educational content while simultaneously building capacity for future bioethics research.

15 May 2021 – 31
March 2023

**Colorado Community Engagement Alliance Against COVID-19 Disparities
(CO-CEAL)**

1OT2HL156812-01
NIH/NHLBI
Total Direct Cost: \$570,202
MPI: Nease, Sokol, Gonzalez-Fisher
Role: Co-I, 5% Effort

The goal of this project is to translate information about COVID-19 vaccines and therapeutics into culturally sensitive messaging and materials, using trusted community partners as communication channels for these messages and materials on COVID-19 vaccines, their safety and efficacy.

15 March 2021 – 30
April 2022

**Implementation and Effectiveness of Monoclonal Antibodies to Treat High-Risk
Outpatients with COVID-19**

UL1 TR002535-03S3
NIH/NCATS
Total Cost: \$8,699,359
MPI: Sokol and Ginde (University of Colorado)
Role: Co-I, 10% Effort

The goal of this project is to develop, implement, and evaluate strategies to optimize equitable nMAb access in Colorado and determine the effectiveness and safety of nMAb treatment in high-risk COVID-19 outpatients.

1 October 2020 – 30
September 2021

Contract work on ethical issues in contemporary medicine

American College of Physicians
Total Direct Cost: \$35,284

PI: DeCamp (University of Colorado)
Role: PI, 15% Effort

For this budget period, work included research and writing on ethics and business practices in medicine; physician suicide, ethical issues in the determination of death, and COVID vaccine allocation.

1 July 2019 – 30 June 2021 **A Novel Methodology to Explore Bioethics Issues in Physician Aid-in-Dying**

Greenwall Foundation
Total Direct Cost: \$301,257
PI: Campbell (University of Colorado)
Role: Co-Investigator, 10% Effort

Physician aid-in-dying (PAD) is a highly contentious issue in bioethics and health policy today. We aim to develop and test a novel efficient, low cost, anonymous methodology to facilitate bioethics-related physician surveys. This study will result in generalizable findings that bring bioethics into policy and decision-making processes about PAD. As Co-investigator, my role on the project is (a) to ensure analytic rigor for the justice & access questions raised by the study and its findings and (b) to assist with survey design and piloting.

1 October 2020 – 31 March 2021 **Ethics-Informed Decision Making and the Return of College Sports amidst COVID-19**

Greenwall Foundation
Total Direct Cost: \$25,000
PI: Baugh (University of Colorado)
Role: Co-I, 2.5% Effort

In response to the urgent need for ethics-informed guidance on the return to college sport amidst the COVID-19 pandemic, this project will: 1) Produce a guidance document for decision makers in college and 2) Produce a manuscript that will be submitted to a peer-reviewed journal detailing the ethical tensions, practical considerations, and procedural aspects that should be involved in such a decision making process for a broader academic audience.

1 October 2019 – 30 September 2020 **Contract work on ethical issues in contemporary medicine**

American College of Physicians
Total Direct Cost: \$34,476
PI: DeCamp (University of Colorado)
Role: PI, 15% Effort

For this budget period, work included research and writing on ethics and business practices in medicine; physician suicide, and COVID resource allocation, including the creation of CME case content.

1 July 2019 – 30 June 2020 **Engaging patients, family members and caregivers in end-of-life and palliative care (EOLPC) research: Addressing the bioethical challenges**

3U2CNR014637-07S2
NIH/NINR
Total Cost: \$155,317
PI: Kutner (University of Colorado)
Role: Co-Investigator, 20% Effort

The delivery of high quality, patient- and family-centered palliative care to the millions of Americans who could benefit from it depends upon research that must be responsive to patients' expressed needs. Involving patients, family members, and caregivers in palliative care research can be difficult because of unique ethical challenges, such as profound illness, impaired decision-making ability/capacity, and existing racial and geographic disparities

in palliative care access. To ensure all patients' beliefs, values, and preferences shape palliative care research, this project will identify the ethical challenges researchers, patients, family members, and caregivers face and develop practical ethics guidance to address these challenges.

30 September 2014 – 4 January 2019 **Patient-centered Health Reform: Designing Engagement Interventions for ACOs**

1K08HS023684-01

AHRQ

Total Direct Cost: \$562,306

Role: Principal Investigator, 75% Effort, Notes: Design and conduct of the project

This project proposes an innovative investigation of patient engagement at the system level in accountable care organizations (ACOs), a recent novel health care reform that seeks to reduce costs while improving the quality of care.

1 August 2016- 30 June 2019 **Ethical Issues in Humanitarian Health in Situations of Extreme Violence**

Identification Number: N/A

Research for Health in Humanitarian Crises (R2HC)

Total Direct Cost: N/A

PI: Rubenstein (Johns Hopkins University)

Role: Co-Investigator, 5% Effort + 10% Effort during NCE March-June 2019

This project aims to understand the nature, scope and variety of ethical challenges experienced by humanitarian health organizations in Syria, where violence against civilians and health care workers is chronic and extreme and provide practical guidance for operating in such environments. As Co-investigator I assisted in the design of the qualitative methods and provide bioethics analytic support for the ongoing literature review.

1 July 2018- 4 January 2019 **The Johns Hopkins Study of Social Media Enhanced Care of Depression**

Once Upon a Time Foundation

Total Direct and Indirect Cost: \$1,000,000

Co-PIs: Chisholm and Zandi (Johns Hopkins University)

Role: Co-Investigator, 20% Effort

This project aims to assess whether incorporating social media content improves psychiatric diagnosis and treatment. As Co-Investigator, I assisted in identifying and managing potential ethical and regulatory issues in the project.

02 May 2012 - 30 April 2014 **HIV, Bioethics, and Human Rights**

5P30AI094189-01A1

Johns Hopkins Center for AIDS Research

Total Direct Cost: N/A

PI: Chaisson (Johns Hopkins University)

Role: With Jeremy Sugarman as Co-director of the subaward, I designed and conducted focus groups and an online survey with the NIH Fogarty Global Health Fellows and Scholars and supervised a research assistant in qualitative analysis. 5% Effort

The goal of this project was to elicit the ethical challenges experienced by post-doctoral trainees abroad and to evaluate the effectiveness of our online educational curriculum, ethicsandglobalhealth.org.

01 July 2013 -
30 June 2014

GUIDE: Genomics Uses in Infectious Diseases and Epidemics

1P20HG007261-01
NIH/NHGRI
Johns Hopkins Berman Institute of Bioethics
Total Direct Cost: N/A
PI: Geller (Johns Hopkins University)
Role: Investigator, 5% Effort

The goal of this P20 is to study the ethical, legal, social and policy (ELSP) issues arising in the novel and timely context of infectious disease. The P20 would be the first to map this terrain, and prepare for a Center to analyze relevant ELSP issues and make policy recommendations for addressing them. My role was to assist with the design and conception of aims related to social media and public perceptions of GUIDE.

01 September 2013 – 30 September 2014 **NIH Collaboratory Supplement Grant**

Identification Number: N/A
NIH
Total Direct Cost: N/A
PIs: Sugarman (Johns Hopkins University), Weinfurt (Duke University)
Role: Investigator, 8% Effort

The overall goal of this project from the Ethics/Regulatory Core is to improve understanding of when and how different stakeholders believe research testing or comparing interventions that are each considered standard of care are acceptable and when traditional or modified approaches to consent for it should be sought. As an investigator I helped design and conduct semi-structured interviews to elicit physicians' views of pragmatic clinical trials and co-authored the publication that resulted from these findings.

Other Intramural and Extramural Funding, including philanthropy

2021 Division of General Internal Medicine Works in Progress Monthly Meeting
Identification Number N/A
President's Diversity Fund (University of Colorado)
Total Direct Cost: \$1000
PI: DeCamp

2008 Ethical Issues in Global Short-term Medical Outreach: A Symposium
Identification Number N/A
Robertson Collaborative Fund Award
Total Direct Cost: \$1000
PIs: DeCamp (Duke University), Carlough (University of North Carolina)

December 2012 – July 2013 Perceptions of Recipients of Short-term Medical Aid in the Dominican Republic
Identification Number N/A
Osler Center for Clinical Excellence Small Grant
Total Direct Cost: \$505
PIs: Sugarman, DeCamp((Johns Hopkins University)
Notes: Supervised Sam Enumah, the medical student who conducted the study in the DR

14. BIBLIOGRAPHY

Peer Reviewed Original Science Publications

Italics = role in publications when not first/last author; Underline = publication of a mentee.

1. **DeCamp M.** Ethics and the physician-patient relationship: medico-moral consequences of commodification. *Einstein Quarterly Journal of Biology and Medicine* 2002;19(3):135-8.
2. Werner SR, Lee PA, **DeCamp MW**, Crowell DN, Randall SK, Crowell PL. Enhanced cell cycle progression and down regulation of p21(Cip1/Waf1) by PRL tyrosine phosphatases. *Cancer Letters*. 2003;202(2):201-11. PMID: 14643450. *Performed RT-PCR experiments that contributed to the research findings.*
3. **DeCamp M**, Sugarman, J. Ethics and research assessing the relative roles of genes and the environment. *Accountability in Research* 2004;11(3/4):161-82. PMID: 15812961.
4. **DeCamp M**, Sugarman, J. Ethics in behavioral genetics research. *Accountability in Research* 2004;11(1):27-47. PMID: 15341045.
5. **DeCamp M**, Sugarman, J. Ethics in population-based genetic research. *Accountability in Research* 2004;11(1):1-26. PMID: 15341044.
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Editorials / Commentaries / Other Non-Peer Reviewed Scholarship

74. **DeCamp M**. Scrutinizing Global Short-term Medical Outreach. *Hastings Center Report* 2007;37(6):21-3. PMID: 18179101.
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Book Chapters, Monographs

98. **DeCamp M**, Buchanan A. Pharmacogenomics: Ethical and regulatory issues. In: *The Oxford Handbook of Bioethics*. Bonnie Steinbock, editor. Oxford: Oxford University Press, 2007, pp. 536-68.
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Editorial Activities

1. **DeCamp M**, editor. Ethics in Standards of Care: The Joy of Doctoring. *Virtual Mentor: Ethics Journal of the American Medical Association* 2004;6(12). Stable link at <http://virtualmentor.ama-assn.org/2004/12/fred1-0412.html>. PMID: 23260280.

Conference Presentations (Poster)

1. **DeCamp M**, Rodriguez J, Richardson G, Sugarman J, Barry M. Developing an introductory ethics curriculum for short-term global health training. Consortium of Universities for Global Health. 2011 Global Health Conference (Montreal, Canada). November 13-15, 2011 (poster).
2. **DeCamp M**, Rodriguez J, Barry M, Sugarman J. Development and evaluation of a novel online ethics curriculum for global health training. Society of General Internal Medicine 2013 Annual Meeting (Denver, CO). April 24-27, 2013.
3. Doobay-Persaud A, Evert J, **DeCamp M**, Evans CT, Jacobsen KH, Sheneman NE; Goldstein JL, Nelson BD. Clinicians and trainees performing outside scope of training during international global health activities. Poster presentation. MassGeneral Hospital for Children Pediatric Research Day. (Boston, MA). May 7, 2019.

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