

CURRICULUM VITAE

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I. EDUCATION

DATES	INSTITUTION	DEGREE
08/1985-05/1989	University of California, Berkeley, Berkeley, California	BA, Physiology
09/1990-06/1994	Harvard Medical School, Boston, Massachusetts	MD
08/1996-05/1997	University of California, Berkeley, Berkeley, California	MPH, Health Policy and Administration
09/1998-06/2001	Stanford University, Stanford, California	MS, Health Services Research

II. POSTDOCTORAL TRAINING

DATES	INSTITUTION	SPECIALTY
06/1994-06/1995*	University of Colorado Health Sciences Center, Denver, Colorado	General Surgery (internship)
*07/1996-06/1998	California Department of Health Services, Sacramento, California	Preventive Medicine (residency)
07/1998-06/2001	Stanford University Medical School, Stanford, California	Health Care Research and Policy (fellowship)
07/2017-12/2018	Dartmouth Hitchcock Medical Center, Lebanon, New Hampshire	Hospice and Palliative Care (fellowship)

*One year training gap during which I switched my residency specialty from general surgery to general preventive medicine and public health

III. PROFESSIONAL DEVELOPMENT ACTIVITIES

DATES	INSTITUTION	PROGRAM	DURATION	ROLE
July 2003	National Institutes of Health (NIH)	Summer Institute on Design and Conduct of Randomized Clinical Trials Involving Behavioral Interventions	2 weeks	Participant

DATES	INSTITUTION	PROGRAM	DURATION	ROLE
December 2010	Association of American Medical Colleges	Mid-Career Women Faculty Professional Development Seminar	3 days	Participant
06/2022-05/2023	Drexel University College of Medicine	Hedwig van Ameringen Executive Leadership in Academic Medicine (ELAM) program for women	1 year	Participant

IV. ACADEMIC APPOINTMENTS

DATES	INSTITUTION	TITLE
09/2001-10/2008	University of Pittsburgh School of Medicine	Assistant Professor, Division of General Internal Medicine, Department of Medicine
09/2001-10/2008	University of Pittsburgh Graduate School of Public Health	Assistant Professor, Department of Health Policy and Management
09/2001-06/2017	University of Pittsburgh School of Medicine	Core Faculty Member, Center for Research on Health Care
07/2005-06/2017	University of Pittsburgh School of Medicine	Core Faculty Member, Institute for Clinical Research Education
11/2008-06/2017	University of Pittsburgh School of Medicine	Associate Professor (tenure conferred October 2011), Division of General Internal Medicine, Department of Medicine
07/2008-06/2017	University of Pittsburgh School of Medicine	Associate Professor, Clinical and Translational Science, Clinical and Translational Science Institute
11/2008-06/2017	University of Pittsburgh Graduate School of Public Health	Associate Professor, Department of Health Policy and Management
07/2011-06/2017	University of Pittsburgh School of Medicine	Affiliate Faculty, Center for Bioethics and Health Law
05/2017-06/2021	Geisel School of Medicine, Lebanon, NH	Susan J. and Richard M. Levy 1960 Distinguished Professor in Health Care Delivery
07/2017-Present	Geisel School of Medicine, Lebanon, NH	Professor of Health Policy and Clinical Practice, The Dartmouth Institute for Health Policy & Clinical Practice
07/2017-Present	Geisel School of Medicine, Lebanon, NH	Professor of Medicine
09/2017-Present	Dartmouth-Hitchcock Norris Cotton Cancer Center, Lebanon, NH	Investigator, Cancer Population Sciences Program
07/2021-Present	Geisel School of Medicine, Lebanon, NH	John E. Wennberg Distinguished Professor of Health Policy and Clinical Practice, The Dartmouth Institute for Health Policy & Clinical Practice
07/2021-Present	Geisel School of Medicine, Lebanon, NH	Director, The Dartmouth Institute for Health Policy & Clinical Practice

NON-ACADEMIC APPOINTMENTS

DATES	INSTITUTION	TITLE
06/1989-07/1990	Department of Health and Human Services, Washington, DC	Research Assistant to J. Michael McGinnis, MD, MPH, Office of Disease Prevention and Health Promotion, Public Health Service
12/1995-06/1996	University of California, Berkeley	Instructor, UC Extension Program
06/2002-07/2003	Congressional Budget Office, Washington, DC	Visiting Scholar and Research Consultant

V. INSTITUTIONAL LEADERSHIP ROLES

DATES	INSTITUTION	TITLE
07/2003-06/2010	University of Pittsburgh School of Medicine	Associate Director, Clinical Scientist Training Program for Medical Students, Institute for Clinical Research Education
07/2007-06/2013	University of Pittsburgh School of Medicine	Co-Leader, Doris Duke Clinical Research Fellowship Program
07/2010-06/2015	University of Pittsburgh School of Medicine	Director, Clinical Scientist Training Program, Institute for Clinical Research Education
06/2013-07/2016	University of Pittsburgh School of Medicine	Director, Training Early Academic Mentors Program, Institute for Clinical Research Education
06/2014-07/2017	University of Pittsburgh School of Medicine	Director, Section of Decision Sciences, Division of General Internal Medicine
06/2015-07/2017	University of Pittsburgh and Carnegie Mellon University	Director (with Baruch Fischhoff, PhD), University of Pittsburgh and Carnegie Mellon University Joint Program on Medical Decision Making in Life-threatening Illness, Pittsburgh, PA
07/2019-Present	Geisel School of Medicine and Dartmouth-Hitchcock Health	Director, Levy Academic Cluster Serious Illness Health Care Delivery Incubator, Lebanon, NH
07/2021-Present	Geisel School of Medicine, Lebanon, NH	Director and Chair, The Dartmouth Institute for Health Policy & Clinical Practice

VI. LICENSURE AND CERTIFICATION

DATE	LICENSURE/CERTIFICATION
1996-2016	Medical License, Medical Board of California
2000	Specialty Certification, American Board of Preventive Medicine
2001-2020	Medical License, Pennsylvania Board of Medicine
2010, 2020	Specialty Recertification, American Board of Preventive Medicine
2019-present	Medical License, New Hampshire Board of Medicine

VII. HOSPITAL/HEALTH SYSTEM APPOINTMENTS

DATES	INSTITUTION	POSITION/TITLE
07/1998-08/2001	University of California, Berkeley	Associate Physician, University Health Services
05/2019-Present	Dartmouth Hitchcock Medical Center, Lebanon, NH	Staff Physician, Section of Palliative Care, Department of Medicine

VIII. OTHER PROFESSIONAL POSITIONS (NON-DARTMOUTH)

DATES	INSTITUTION	POSITION/TITLE
November 1-2, 2006	Department of Medicine, University of Washington School of Medicine	Visiting Professor, Division of Pulmonary and Critical Care Medicine
May 2-3, 2007	Department of Medicine, University of Pennsylvania School of Medicine	Visiting Professor, Center for Clinical Epidemiology and Biostatistics, Department of Biostatistics, and Division of Pulmonary and Critical Care Medicine
September 19-20, 2007	Department of Medicine, Mayo Clinic	Visiting Professor, Division of Pulmonary and Critical Care
December 4-6, 2013	University of Michigan School of Medicine, Ann Arbor, MI	Visiting Professor, Department of Medicine
February 18-19, 2014	Cleveland Clinic, Cleveland, OH	Visiting Professor, Center for Bioethics, Humanities, and Spiritual Care
April 14-16, 2014	Sunnybrook Health Sciences Centre, University of Toronto, Toronto, Ontario, Canada	Visiting Professor, Trauma, Emergency Medicine, and Critical Care Program
September 24-26, 2014	Department of Population Health Sciences, University of Utah, Salt Lake City, UT	Visiting Professor, Division of Health System Research and Innovation
November 17-18, 2014	Simon Cancer Center, Indiana University, Indianapolis, IN	Visiting Professor, Mary Margaret Walther Program in Palliative Care and Education

IX. TEACHING ACTIVITIES:**A. Undergraduate (College) Education**

DATES	INSTITUTION	COURSE TITLE	ROLE	HOURS/YEAR	NUMBER OF STUDENTS
1991 1992	Harvard University	"The Literature of Social Reflection" (Professor Robert Coles)	Teaching Fellow	30	200
Spring and Fall 1996	University of California, Berkley	"Applied Anatomy for Human Performance"	Course Designer and Instructor	30 per term	20

B. Undergraduate Medical Education

DATES	INSTITUTION	COURSE TITLE	ROLE	HOURS/ YEAR	NUMBER OF STUDENTS
1991	Harvard Medical School	“Medical Spanish” and “Cross-Cultural Health Care: Latino/Latin American Perspectives”	Course Designer	30	15
1993	Harvard Medical School	“Human Body Block, Anatomy”	Teaching Assistant	40	120
1993-1994	Harvard Medical School	“Introduction to Clinical Medicine”	Teaching Fellow	60	120
1997	University of California, Davis, School of Medicine	“Principles of Epidemiology, Occupational Medicine, and Geriatrics”	Tutorial Leader	10	40
1998	University of California, Davis, School of Medicine	“The Literature of Preventive Medicine”	Course Designer and Director	10	12
1999 2000 2001	Stanford University School of Medicine	“The U.S. Health Care System and Health Policy”	Small Group Facilitator	10	130
2001 2002	University of Pittsburgh School of Medicine	“Adult Physical Diagnosis”	Faculty Preceptor	24	140
2002	University of Pittsburgh School of Medicine	“Clinical Skills”	Faculty Preceptor	9	140
2002	University of Pittsburgh School of Medicine	“Medicine, Ethics, and Society”	Faculty Co-Course Director and Small Group Facilitator	17.5	140
2003 2005 2009	University of Pittsburgh School of Medicine	“Integrated Case Studies”	Faculty Small Group Facilitator	20	10
2003	University of Pittsburgh School of Medicine	“Medicine, Ethics, and Society” Segment 2	Faculty Co-Course Director	13.5	140
2004	University of Pittsburgh School of Medicine	“Medicine, Ethics, and Society”	Faculty Lecturer	2	140
2012	University of Pittsburgh School of Medicine	“Methods and Logic in Medicine”	Faculty Small Group Facilitator	8	10

DATES	INSTITUTION	COURSE TITLE	ROLE	HOURS/ YEAR	NUMBER OF STUDENTS
2012 2013 2014 2015	University of Pittsburgh School of Medicine	"Introduction to Medical Interviewing"	Faculty Small Group Facilitator	28	6
2014 2015 2016	University of Pittsburgh School of Medicine	"Advanced Medical Interviewing"	Faculty Small Group Facilitator	16	6

C. Undergraduate Medical Education & Graduate Education Dual Medical and Graduate Students (MD & PhD Students)

i. Classroom Teaching

DATES	INSTITUTION	COURSE TITLE	ROLE	HOURS/ YEAR	NUMBER OF STUDENTS
2004 2005 2006 2007 2008 2009 2010 2011 2012	University of Pittsburgh School of Medicine	"Introduction to Clinical and Translational Research Seminar Series"	Course Director	40	20
2006 2007 2008 2009 2010 2011 2012 2013 2014 2015	University of Pittsburgh School of Medicine	"Seminar for Understanding Principles and Practices of Research Techniques (SUPPORT)"	Course Director	40	20
2007 2008	University of Pittsburgh School of Medicine	"Anatomy of an NIH Grant"	Course Director	9	8
2012 2013	University of Pittsburgh School of Medicine	"Clinical Research Teaching Practicum"	Course Director	25	6

ii. Clerkship Teaching: N/A

D. Graduate Medical Education: Courses for Graduate Students

DATES	INSTITUTION	COURSE TITLE	ROLE	HOURS/ YEAR	NUMBER OF STUDENTS
2001	University of Pittsburgh School of Medicine	“Advanced Decision Analysis and Cost Effectiveness Analysis”	Course Design Team Member and Lecturer	24	20
2002 2003	University of Pittsburgh School of Medicine	“Advanced Decision Analysis and Cost Effectiveness Analysis”	Course Co-Director	22	20
2002 2003 2004	University of Pittsburgh School of Medicine	“Decision Analysis”	Lecturer	2	20
2002 2003 2004	University of Pittsburgh School of Medicine	“Outcomes and Effectiveness”	Lecturer	2	25
2003 2004 2006 2007 2008	University of Pittsburgh School of Medicine	“Health Services Research Using Secondary Data, Didactic Segment”	Course Co-Director	16	15
2003 2004	University of Pittsburgh School of Medicine	“Health Services Research Using Secondary Data, Hands-On Segment”	Course Co-Director	40	15
2003	University of Pittsburgh School of Medicine	“Research Development Seminar”	Lecturer	2	20
2009 2011 2012 2014 2015 2016	University of Pittsburgh School of Medicine	“Medical Writing and Presentation Skills”	Section Leader and Instructor	16	25
2010 2011 2012 2013 2014 2015 2016	University of Pittsburgh School of Medicine	“Palliative Care Research Methods”	Lecturer	2	4
2011 2016	University of Pittsburgh School of Medicine	“Introduction to Research on Disparities in Health Care”	Lecturer	2	5
2019 2020	Dartmouth College	“Population Health and Preventive Care”	Course Director	10	50

E. Other Education

DATES	INSTITUTION	COURSE TITLE	ROLE	HOURS/ YEAR	NUMBER OF STUDENTS
2002 2003	Society for Medical Decision Making (SMDM) Annual Meeting Pre-course	“Advanced Decision Analysis: A Hands-On Course”	Lecturer	6	30
2003	American College of Preventive Medicine (ACPM) Annual Meeting Pre-course	“Cost-Effectiveness and Decision Analysis: A Hands-On Course”	Lecturer	6	20
2015 2016 2017	University of Pittsburgh School of Medicine	NIH Mock Review Program	Director	8-10	8-10

X. RESEARCH ADVISING/MENTORING**A. Undergraduate Students**

DATES	STUDENT'S NAME	PROGRAM NAME
2015	Savanna Melton Project: Fidelity assessment of “Surrogate Storytelling” intervention visits	First Experiences in Research, University of Pittsburgh Kenneth P. Dietrich School of Arts & Sciences
2015	Casey Carl Project: Fidelity assessment of “Surrogate Storytelling” intervention visits	First Experiences in Research, University of Pittsburgh Kenneth P. Dietrich School of Arts & Sciences
2019-2020	Olivia Brody-Bizar Project: A randomized trial of a theory-based video game to increase advance care planning for hospitalists with their seriously ill patients.	Presidential Scholars Program, Dartmouth College
2019-2021	Deborah Feifer Project: U.S. ventilator allocation policies in response to COVID-19	Presidential Scholars Program, Dartmouth College
2021	Alison Zheng Project: A pragmatic effectiveness study of a video game to increase advance care planning for hospitalists with their seriously ill patients.	Dartmouth undergraduate research assistant
2021	Justin Herrera Project: Impact of the hospital readmission reduction program on readmission rates post ACA for major adverse cardiac events in white and non-white populations	Program for Oncology Workforce Education and Research Experience at Dartmouth (POWERED), Norris Cotton Cancer Center at Geisel and Dartmouth-Hitchcock
2022	Emily Zhang Project: Intercultural patient-provider communication in advanced cancer care	Presidential Scholars Program, Dartmouth College

B. Graduate Students

DATES	STUDENT'S NAME	PROGRAM NAME	DEGREE
2002-2003	Zekarias Berhane Dissertation: A flexible modeling of recurrent time-to-event data	Biostatistics, University of Pittsburgh Graduate School of Public Health (external committee member)	PhD
2002-2003	Rana Ezzeddine Dissertation: A comparison of test statistics for Cox's proportional hazards assumption	Biostatistics, University of Pittsburgh Graduate School of Public Health (external committee member)	PhD
2004	Adeel Butt MD Thesis: Treatment disparities and outcomes in HCV-HIV co-infection	Clinical and Translational Science, Institute for Clinical Research Education, University of Pittsburgh School of Medicine (committee member)	MS
2004	Goutham Rao MD Thesis: Physicians' identification of pediatric obesity and obesity-related counseling in the outpatient setting	Clinical and Translational Science, Institute for Clinical Research Education, University of Pittsburgh School of Medicine (committee member)	MS
2002-2004	Francesca Matthews Pillemer Project: Barriers to implementation of the Leapfrog Group recommendation for intensivist physician staffing	Public Policy and Management, Heinz School of Public Policy, Carnegie Mellon University (mentor)	MS
2003-2010	Nicole Fowler MHA Dissertation: Medical decision making for patients with dementia	Public Policy, Graduate School of Public and International Affairs, University of Pittsburgh (committee member)	PhD
2006-2008	Peter Michelson MD Thesis: Role of c-reactive protein and obesity in asthma severity: data from the National Health and Examination Survey, 2000-2004	Clinical and Translational Science, Institute for Clinical Research Education, University of Pittsburgh School of Medicine (committee member)	MS
2011-2015	Jennifer Seaman BNS Thesis: Nursing care quality at end-of-life in the ICU	Doctorate of Nursing, University of Pittsburgh School of Nursing (external committee member)	PhD
2009-2013	Marci Nilson, RN Dissertation: Psychosocial interaction behaviors and their effect on nursing care quality and medical recovery in older ICU patients	Doctorate of Nursing, University of Pittsburgh School of Nursing (external committee member)	PhD
2015	Jared Chiarchiaro MD Thesis: Developing a web-based tool for advance care planning for patients with advanced lung disease	Clinical and Translational Science, Institute for Clinical Research Education, University of Pittsburgh School of Medicine (committee member)	MS
2017-2019	Catherine Hylas-Saunders Thesis: ConsiderATE: A coproduction talk guide and patient experience measure for serious illness encounters	Doctorate of Health Care Policy and Clinical Practice, The Dartmouth Institute, Geisel School of Medicine at Dartmouth (committee member)	PhD

DATES	STUDENT'S NAME	PROGRAM NAME	DEGREE
2018	Lorenzo Chavez Internship project: Website redesign and marketing plan for ICUStoryWeb	Master of Public Health, The Dartmouth Institute, Geisel School of Medicine at Dartmouth (internship advisor)	MPH
2018	Matthew Allen Liu Internship project: How oncologists talk about decisions to stop chemotherapy	Master of Public Health, The Dartmouth Institute, Geisel School of Medicine at Dartmouth (internship advisor)	MPH
2021-2022	Taylor Phillips Rotation project: Systematic review and meta-analysis of the effect of Medicare's hospital readmission reduction program on health equity	Doctorate of Health Care Policy and Clinical Practice, The Dartmouth Institute, Geisel School of Medicine at Dartmouth (rotation adviser)	PhD
2021-2022	Monica Attia (with Taylor Phillips) Project: Systematic review and meta-analysis of the effect of Medicare's hospital readmission reduction program on health equity	Master of Public Health, The Dartmouth Institute, Geisel School of Medicine at Dartmouth (project advisor)	MPH
2021-2022	Julia Sabrick Project: Environmental scan of US health equity atlases	Master of Public Health, The Dartmouth Institute, Geisel School of Medicine at Dartmouth (project advisor)	MPH
2021-2023	Vrushabh P. Ladage Focus: Using behavioral insights to influence health policy and clinical practice	Master of Science in Health Policy and Clinical Practice, The Dartmouth Institute, Geisel School of Medicine at Dartmouth (primary mentor)	MS

C. Medical Students

Note: list includes students enrolled in a dual MD/MS program

DATES	STUDENT'S NAME	PROGRAM NAME
2003-2008	H. Patrick Driscoll, BA Thesis: Clinical and treatment response variability in late-life major depression (mentor: Charles Reynolds)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2003-2008	Alvin Jones, BS Thesis: Provider-level factors contributing to health disparities in lower extremity joint replacement (mentors: C. Kent Kwok and Said Ibrahim)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2003-2008	Nima Naghshineh, BS Thesis: Metabolic changes associated with bariatric and body-contouring surgery (mentors: J. Peter Rubin, Kathleen McTigue, and Anita Courcolas)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2003-2008	Kristen Scopaz, BA Thesis: Determinants of successful rehabilitation for knee osteoarthritis (mentor: Kelley Fitzgerald)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)

DATES	STUDENT'S NAME	PROGRAM NAME
2003-2008	Arun Sharma, BA Thesis: Genetic and immunologic determinants of the severity and outcome of acute pancreatitis (mentor: David Whitcomb)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2003-2008	Ann Willman Silk, BS Thesis: Immunology of gastrointestinal tumors (mentor: Olivera Finn)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2004-2009	Deborah Kowalchuk, BA Thesis: Developing a clinical prediction rule for outcomes of knee meniscectomy (mentor: James Irrgang)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2004-2009	Maria De la Luz Nieto, BA Project: Cognitive and physical basis of independence in older adults (mentor: Steven Albert)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2004-2009	Meredith Snook, BS Project: Nutritional influences on perinatal birth outcomes (mentors: James Roberts and Lisa Bodnar)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2004-2009	Laura Raducha-Grace Thompson, BA Thesis: Localization of knee pain in patients with osteoarthritis (mentor: C. Kent Kwoh)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2005-2009	Marc Laroche, BS Project: Determinants of physician variation in willingness to withhold or withdraw life-sustaining treatment	Longitudinal scholarly project, first professional program, University of Pittsburgh School of Medicine (mentor)
2005-2010	Neilly Ann Buckalew, BA, MS Thesis: Multimodal brain imaging to understand the impact of chronic pain in older adults (mentor: Debra Weiner)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2005-2010	Alison Goldberg Rubin, BA Thesis: Relationship between adolescent depression and sexual risk behavior and access and barriers to emergency contraception in female adolescents (mentors: Melanie Gold and Eleanor Bimla Schwarz)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2005-2010	Emily Spangler, BS Thesis: Associations of physical function and endurance with subclinical vascular disease in older adults (mentor: Kim Sutton-Tyrrell)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2006-2011	J'mir Cousar, BS Thesis: Genetic variations in traumatic brain injury outcomes (mentors: Robert Clark and Yvette Conley)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)

DATES	STUDENT'S NAME	PROGRAM NAME
2006-2011	Lara Cox, BA Thesis: Causes of nonsuicidal self-injury in adolescents (mentors: David Brent and Lisa Pan)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2006-2011	Elizabeth Genovese, BS Thesis: Predictors of adverse events and survival following implantation of ventricular assist devices (mentors: Mary Amanda Dew and Robert Kormos)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2006-2011	Erin Ohmann, BS Thesis: Optimizing outcomes after pediatric heart transplantation (mentor: Steven Webber)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2006-2011	Rebecca Pomerantz Mirvish, AB Project: Diagnostic and therapeutic approaches to cutaneous T-cell lymphoma (mentors: Larisa Geskin and Louis Faló)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2007-2011	Susan Shyu, BS Project: Quality of life and survival among lung transplant recipients (mentor: Mary Amanda Dew).	Clinical Scientist Training Program (dual MD/MS; withdrew from MS in 2011), University of Pittsburgh School of Medicine (program director)
2007-2012	Sarah Ramer, AB Thesis: Predictors and correlates of event-related emotional stress in patients with kidney disease, epidemiology of acute hemodialysis	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2010-2013	Dev Patel, BA Project: The influence of institutional values, resources, leadership, and financial incentives on end-of-life treatment intensity: a case study of two academic medical centers at the extremes of end-of-life resource use	Longitudinal scholarly project, first professional program, University of Pittsburgh School of Medicine (mentor)
2007-2012	Tanner Bartholow, BS Thesis: Identifying immunohistochemical biomarkers of prognosis in prostate cancer (mentors: Anil Parwani and Michael Becich)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2007-2012	Tiffany Behringer, BA, MS Thesis: Contraceptive decision making (mentor: E. Bimla Schwarz)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2007-2012	Naomi Pitskel, BS Project: Neural basis of social cognition in children with autism (mentors: Kevin Pelphrey and Nancy Minshew)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)

DATES	STUDENT'S NAME	PROGRAM NAME
2007-2013	Niketa Williams, ScB, AB Thesis: Participant motivations for, expectations of, and experiences with microbicide clinical trials in Sub-Saharan Africa (mentors: Sharon Hillier and Aletha Akers)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2008-2009	Mari Machi, BA Project: The effects of shift work on neuropsychiatric performance of emergency physicians (mentor: Clifton Callaway)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2008-2009	Arvind Raina, BS Project: Pathophysiology of idiopathic pulmonary fibrosis (mentor: Naftali Kaminski)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2008-2009	Nikhil Thaker, BS Project: Identifying novel drugs for the treatment of gliomas (mentors: Ian Pollack and John Lazo)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2008-2010	Aaron Baum, BS Project: Psychosocial outcomes and HIV knowledge among refugees of Sub-Saharan Africa (mentor: Jennifer Steel)	Clinical Scientist Training Program (dual MD/MS; withdrew from MS program in 2010 to pursue PhD), University of Pittsburgh School of Medicine (program director)
2008-2011	Vera Mayercik, AB Project: New diagnostic techniques in glaucoma (mentors: Joel Schuman and Gadi Wollstein)	Clinical Scientist Training Program (dual MD/MS; withdrew from MS program in 2011), University of Pittsburgh School of Medicine (program director)
2008-2013	Ryan Li, BA, BSE Thesis: Predictors of osteoarthritis after anterior cruciate ligament repair (mentor: James Irrgang)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2008-2013	Benjamin Sprague, BS, MS Project: New diagnostic and predictive techniques in cardiovascular disease (mentor: Flordeliza Villanueva)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2008-2013	Lisa Tseng, BA Project: Racial and ethnic variations in the epidemiology of metabolic syndrome in older women (mentor: Anne Newman)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2009-2010	Anthony Deo, BS, PhD Project: Molecular signaling in schizophrenia (mentor: Robert Sweet)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)

DATES	STUDENT'S NAME	PROGRAM NAME
2009-2010	Anna Evans, BA Project: Genetic determinants of obesity-associated severe inflammatory response syndrome in acute pancreatitis (mentor: David Whitcomb)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2009-2010	Anthony Paravati, BA Project: Prognostic predictors for intensity-modulated radiation therapy response in high-grade gliomas (mentor: Dwight Heron)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2009-2010	Roy Sriwattanakomen, BA Project: The effects of depression and anxiety on post-coronary artery bypass graft (CABG) outcomes (mentor: Bruce Rollman)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2009-2014	Jayshiv Badlani, BA Thesis: Predictors of outcomes after knee meniscectomy (mentor: James Irrgang)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2009-2014	Constantino Michaelidis, BA Thesis: Cost-effectiveness of screening, treatment, and immunization for infectious diseases (mentor: Kenneth Smith)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2009-2014	Jacqueline Moreau, BA Thesis: Epidemiology of nontraumatic brain injury in U.S. children, Epidemiology of skin cancer in the U.S. (mentors: Scott Watson, Laura Ferris)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2009-2014	Simiao Li, BA Thesis: Diagnostic strategies in shaken baby syndrome, Perspectives of women arrested for intimate partner violence (mentors: Rachel Berger, Judy Chang)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2010-2011	Maria Fan, BS Project: Women's preferences regarding a quick dissolve film microbicide formulation for the prevention of HIV infection (mentor: Sharon Hillier)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2010-2011	Aditya Iyer, BA Project: Using simulation to models to optimize donation and allocation policies for liver transplantation (mentors: Mark Roberts and Andrew Schaefer)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2010-2011	Jessica Lee, AB Project: Signaling in squamous cell carcinoma of the head and neck (mentor: Jennifer Grandis)	Doris Duke Clinical Research Fellowship Program, Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2010-2011	Rachel Reid, BA Thesis: Retail clinics' effects on primary care relationships (mentor: Ateev Mehrotra)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)

DATES	STUDENT'S NAME	PROGRAM NAME
2010-2011	Sanithia Williams, BS Project: The relationship between contraceptive choice and quality of life (mentor: E. Bimla Schwarz)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2010-2012	Allison Walton, AB Project: The longitudinal relationship between oppositional and defiant disorder and somatization in girls (mentor: Kathleen McTigue)	Clinical Scientist Training Program (dual MD/MS; withdrew from MS in 2012), University of Pittsburgh School of Medicine (program director)
2010-2013	Jamie Uy, BA Project: Physician roles in decisions to use life-sustaining treatment for a critically and terminally ill elder: a simulation study	Longitudinal scholarly project, first professional program, University of Pittsburgh School of Medicine (mentor)
2010-2015	Alexandra Dreyzin, ScB Thesis: Parental decisions to enroll children in a phase II hepatocyte transplantation trial	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, co-mentor, chair of MS thesis committee)
2010-2015	Regina Triplett, BS Thesis: Executive function in pediatric epilepsy (mentor: Mia Asato)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2011-2012	Keili Mistovich BA Project: A comparison of hospitals' condition-specific end-of-life treatment intensity	Longitudinal scholarly project, first professional program, University of Pittsburgh School of Medicine (mentor)
2011-2012	Ryan Stephenson, BS Project: Therapeutics for head and neck cancer (mentor: Robert Ferris)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2011-2012	Jacky Yeung, BSc Project: Molecular therapeutics for glioblastoma (mentors: Hideo Okada and Ian Pollack)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2011-2012	Gillian Harrison, BS Project: Stem-cell therapeutics for cerebrovascular accident (mentor: Douglas Kondziolka)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2011-2012	Brian Nolan, BA Project: Diagnostic staging of juvenile rheumatoid arthritis (mentor: Raphael Hirsch)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2011-2012	Michael Schowalter, BA Project: Biomarkers in melanoma (mentor: Louis Faló)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)

DATES	STUDENT'S NAME	PROGRAM NAME
2011-2012	Rachael Masziasz, BS Project: The rhetoric of palliative care (mentors: Yael Schenker and Douglas White)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2011-2013	Alexis Chidi, MS Project: Variation in access to surgical intervention for liver cancer (mentors: David Gellar and Cindy Bryce)	Clinical Scientist Training Program (dual MD/MS; transferred to the MSTP to pursue PhD in 2013), University of Pittsburgh School of Medicine (program director)
2011-2013	Sarah Cohen, BS Project: Exercise tolerance among children with cystic fibrosis and implications for long-term prognosis (mentor: David Orenstein)	Clinical Scientist Training Program (dual MD/MS; withdrew from MS in 2013), University of Pittsburgh School of Medicine (program director)
2012-2013	Vanessa Bennett Hux, BS Project: Determinants of allostatic load as a marker of chronic stress in pregnancy and its impact on pregnancy outcomes (mentor: James Roberts)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2012-2013	Igor Bussell, BS Project: Longitudinal detection of glaucoma progression using bridging of datasets from multiple iterations of optical coherence tomography (mentor: Joel Schuman)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2012-2013	Tatiana Deveney, BA Project: Prognostic impact of depression among patients with congestive heart failure (mentor: Bruce Rollman)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2012-2013	Albert Kim, BS Project: Using diffusion tensor imagine of the corpus callosum to follow progression of mild cognitive impairment to Alzheimer's disease (mentor: William Klunk, Oscar Lopez)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2012-2013	Paul McMahan, BA Project: Acute phase comorbidities during the treatment of mild to moderate TBI and psychiatric outcomes (mentor: David Okonkwo)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2012-2013	Eric Vargas Valls, BA Project: Silent Crohn's disease: Correlation of objective markers of inflammation (mentor: David Binion)	Doris Duke Clinical Research Fellowship Program (certificate in clinical research), Institute for Clinical Research Education, University of Pittsburgh School of Medicine (program director)
2013-2014	Cynthia Grady, BS Project: Racial disparities in pregnancy intention (mentor: Sonya Borrero)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)

DATES	STUDENT'S NAME	PROGRAM NAME
2013-2014	Kyle Jackson, BS Project: Right ventricular dysfunction following ventricular assist device implantation (mentor: Robert Kormos)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2013-2014	Sebastian Shterental Project: Area Index: A Novel Approach to Pulmonary Hypertension (mentor: Marc Simon)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2013-2015	Eduardo Nunez, BS Project: Acutely-bereaved surrogates' stories about the decision to limit life support in the ICU	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director, co-mentor)
2014-2015	Julie Boiko, BS, MS Project: Regulatory T-cells and tolerance after allogeneic blood and marrow transplantation (mentor: Paul Szabolcs)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2014-2015	Phillip Choi, BS Project: Apoptotic pathway gene expression and variation in traumatic brain injury (mentor: David Okonkwo)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2014-2015	Douglas Holt, BS Project: Preoperative stereotactic radiosurgery in brain metastases and age-related characterization of peritumoral neuronal tissue (mentors: David Clump and Dwight Heron)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2014-2015	Matthew Kesinger, BA Project: Traumatic brain injury: Long-term incorporation of systems data (mentor: Jason Sperry)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2014-2015	Alexander Khalaf, BA Project: Functional magnetic resonance imaging markers predictive of treatment response in late life depression during emotional regulation task (mentor: Howard Aizenstein)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2014-2015	Jeehong Kim, BS Project: the effect of medical treatment of comorbidities in improving Eustachian tube function among patients with Eustachian tube dysfunction (mentor: Cunyert Alper)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2014-2015	Xiaoran Zhang, BS, MS Project: Epigenetic dysregulation in mutant IDH1 glioma cells also alters immune recognition (mentor: Nduka Amankulor and Michael Lotze)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)

DATES	STUDENT'S NAME	PROGRAM NAME
2014-2015	Yin Zhao, BS Project: Effectiveness of intraoperative neurophysiological monitoring (IOM) to predict ischemic injury and changes in long-term neurological function in patients undergoing balloon-assisted coil embolization (mentors: Andrew Ducruet and Robert Friedlander)	Clinical Scientist Training Program (dual MD/Certificate), University of Pittsburgh School of Medicine (program director)
2014-2016	Olubusola Oluwole, BS Project: Association of elevated pulse pressure in childhood with increased risk of adult cognitive impairment among patients with sickle cell disease (mentor: Enrico Novelli)	Clinical Scientist Training Program (dual MD/MS), University of Pittsburgh School of Medicine (program director, chair of MS thesis committee)
2016-2017	Sabrina Karim, BS Project: Impact of patient navigation on low-income and low-literacy patients' acceptance of recommended breast cancer treatment	Dean's Summer Research Program, University of Pittsburgh School of Medicine (mentor)
2018-2020	Olivia Sacks, BS Project: Hospitalists' prognostic calibration and advance care planning behavior	Research year between MS-III and MS-IV, Geisel School of Medicine at Dartmouth College (mentor)
2021-	Yujia Shentu, BS Project: Typologies of inpatient deaths: Implications for hospital-based risk-adjusted mortality metrics	Scholarly project during MS-III, Geisel School of Medicine at Dartmouth College (co-mentor)
2021-	Colin H. McLeish, BA Project: Mental models of mortality review: A Qualitative case study	Scholarly project between MS-III and MS-IV during MBA training year, Geisel School of Medicine and Tuck School of Medicine at Dartmouth College (co-mentor)

D. Residents/Fellows

DATES	MENTEE'S NAME	SPECIALTY
2007-2009	Caroline Lin, MD Thesis: Organizational determinants of hospital end-of-life intensity	General internal medicine (primary mentor, chair of the MS thesis committee)
2006-2012	Hannah Wunsch, MD, MS Project: Utilization and long-term outcomes of intensive care in the elderly	Anesthesia and critical care medicine (consultant mentor)
2011-2014	Andrea Elliot, MD Project: The relationship between patient race and physician communication behaviors: a randomized trial	General internal medicine (primary mentor)
2012-2014	Lora Reineck, MD Project: adapting hospital mortality quality measurement to account for quality of dying	Critical care medicine (co-mentor)

DATES	MENTEE'S NAME	SPECIALTY
2015-2016	Shannon Haliko, MD Project: hospital-based providers' mental models regarding ICU admission and intubation decision making for a critically and terminally ill elder	Hospice and palliative medicine and critical care medicine (primary mentor)
2018-2020	Shama Alam, PhD Project: Oncologist-patient communication and decision making regarding palliative chemotherapy	Cancer epidemiology (primary mentor)
2019-2021	Julia Chelen, PhD Project: Hospitalist cognition and advance care planning conversations	Engineering and public policy (primary mentor)
2017-	Garrett Wasp, MD Fellow Project: Emotion regulation and acquisition and integration of advance care planning communication skills among residents and fellows Faculty Focus: Barriers to serious illness communication and goal-concordant decisions for advanced cancer patients	Hematology and oncology (co-mentor)
2021-	Satveer Kaur-Gill, PhD Project: Insights from problematic integration theory into cancer clinicians' communication and decision making with culturally-diverse advanced cancer patients.	Communication and new media (primary mentor)
2021-	Rachel Forcino, PhD Project: Employment maintenance and renewal among US patients with prostate, breast, and colorectal cancers	Health services research (primary mentor)
2022-	Ben Carter, PhD TBD	Political science (co-mentor, with Dean Lacey)

E. Faculty

DATES	MENTEE'S NAME	SPECIALTY
2006-2011	Jeremy Kahn, MD, MS Focus: Health care utilization and long-term outcomes of intensive care, prolonged mechanical ventilation, and chronic critical illness	Critical care medicine, health policy (co-mentor, K08)
2008-2015	Deepika Mohan, MD, MPH Focus: Measuring and reducing biases in trauma decision making	Critical care medicine, trauma surgery (primary mentor, KL2, K23)
2010-2015	Nicole Fowler, MHA, PhD Project: Decision making regarding clinical preventive services for patients with dementia	Health policy (primary mentor, K12)

DATES	MENTEE'S NAME	SPECIALTY
2011-2015	Margaret Schwarze, MD, MPP Focus: informed consent and life-sustaining treatment decision making after high-risk surgery.	Surgery (co-mentor, KL2)
2011-2016	Brownsyne Tucker Edmonds, MD, MPH, MS Focus: Physician communication and decision making for obstetrical deliveries in the peri-viability period	Obstetrics and gynecology (co-mentor, KL2)
2012-2013	Jennifer Marin, MD, MS Project: variation in pediatric imaging use in the emergency department	Pediatric emergency medicine (co-mentor, K12)
2013-2017	Bruce Jacobs, MD, MPH Focus: technology diffusion and comparative effectiveness of prostate cancer treatment	Urologic oncology (primary mentor, KL2)
2018-2020	Gabriel Brooks, MD, MPH Project: Evaluation of cancer care delivery processes for preventing hospitalizations	Hematology and oncology (co-mentor on a K08 application x 3 that was not funded)
2017-	Inas Khayal, PhD Focus: developing and testing performance dashboards to facilitate quality improvement in serious illness	Systems engineering (primary mentor [K01 not funded])
2018-	Lauren Gilstrap, MD, MPH Project: The impact of quality metrics on outcomes among elderly heart failure patients	Cardiology (co-mentor, K08)
2019-	Garrett Wasp, MD Project: emotion regulation and acquisition and integration of advance care planning communication skills among residents and fellows	Hematology and oncology (co-mentor)
2019-	Meredith MacMartin, MD, MS Project: Understanding variation in delivery of palliative care components, and the impact on patients	Hospice and palliative medicine (primary mentor)
2019-	Elizabeth Chuang, MD, MPH Project: Targeting bias to reduce disparities in end-of-life care	Hospice and palliative medicine (secondary mentor, K23)

XI. ADVISING/MENTORING (NOT RESEARCH):

DATES	MENTEE'S NAME	SPECIALTY
2014-2017	Leslie Scheunemann, MD, MPH	Critical care medicine

DATES	MENTEE'S NAME	SPECIALTY
2021-	Terri Lewinson, MSW, PhD Focus: Housing as health	Social work, health policy Chaired search committee leading to recruitment, then advised as a new faculty member at The Dartmouth Institute for Health Policy and Clinical Practice, Geisel School of Medicine at Dartmouth
2021-	Ellesse Roselee Akre, PhD Focus: Intersectionality and health care access and quality of care	Health services research, health policy Chaired search committee leading to recruitment, then advised as a new faculty member at The Dartmouth Institute for Health Policy and Clinical Practice, Geisel School of Medicine at Dartmouth
2021-	Alka Dev, PhD, MHS Focus: maternal-child health	Public health, health policy Chaired search committee leading to recruitment, then advised as a new faculty member at The Dartmouth Institute for Health Policy and Clinical Practice, Geisel School of Medicine at Dartmouth
2021-	Christine Gunn, PhD Focus: Cancer screening	Health services research, health policy Advised as a new faculty member at The Dartmouth Institute for Health Policy and Clinical Practice, Geisel School of Medicine at Dartmouth

XII. COMMUNITY SERVICE, EDUCATION, AND ENGAGEMENT: N/A**XIII. RESEARCH ACTIVITIES****A. Sponsored Activity** (reverse chronological order)

DATES	PROJECT Award number (PI) Title	ROLE	% EFFOR T	SPONSOR	ANNUAL DIRECT COSTS
08/15/2023- 07/31/2028	P01 AG019783 (Barnato) Causes and Consequences of Healthcare Inequity in Alzheimer's Disease and Related Dementias	Principal Investigator, Core Leader, and Project Leader	30%	National Institute on Aging	\$2,092,612
09/18/2021- 05/31/2025	K23MD015277 (Chuang) Targeting Bias to Reduce Disparities in End-of-Life Care (BRiDgE)	Secondary mentor	2.5%, donated	National Institute for Minority Health and Health Disparities	

DATES	PROJECT Award number (PI) Title	ROLE	% EFFOR T	SPONSOR	ANNUAL DIRECT COSTS
08/25/2018-10/30/2022	K23HL142835 (Gilstrap) The Impact of Quality Metrics on Outcomes Among Elderly Heart Failure Patients	Secondary mentor	2.5%, donated	National Heart Lung and Blood Institute	
12/12/19 – 12/30/22	Development of an Experimental Framework to Evaluate Physician Emotion Regulation in Serious Illness Communication	Primary mentor	2.5%, donated	American Cancer Society Institutional Related Grant	
05/01/2018-07/31/2023	P01 AG019783 (Barnato) Causes and Consequences of Healthcare Efficiency; Project 5: Physician Cognition, Inpatient Advance Care Planning, and Outcomes for Seriously Ill Older Adults	Principal Investigator, Core Leader, and Project Leader	30%	National Institute on Aging	\$1,626,561
12/01/2020-11/30/2021	U19HS024075-05S1 (Meara) Accelerating the Use of Evidence-Based Innovations in Healthcare Systems	Co-investigator	10%	Agency for Healthcare Research and Quality	\$2,396,689
09/1/2021-08/31/2022	Science of the Art of Palliative Care: Neural Correlates of Palliative Care (Single center pilot)	Principal Investigator	sub-sumed	Norris Cotton Cancer Center	\$100,000
07/01/2018-06/30/2022	132358-RSG-18-017-01-CPHPS (Barnato) Variation in Cancer Centers' End-of-Life Quality - Role of Norms	Principal Investigator	25%	American Cancer Society	\$165,000
09/15/2020-05/31/2022	R21AG065704 (Barnato/Khayal) Empirical Classification of the Typologies of Hospital Deaths	Principal Investigator	10%	National Institute on Aging	\$275,000
06/1/2018-05/31/2021	Palliative Care Learning Health System Incubator (Nelson, Barnato, Kirkland)	Co-Principal Investigator	5%	Betty and Gordon Moore Foundation	\$609,000
2017-2020	R01MD011678 (Borrero) Developing and Testing a Decision Support Tool for Women Making Tubal Sterilization Decisions	Key Personnel, Consultant	2.5%	National Institute on Minority Health and Health Disparities	\$407,536 (sub, \$7,500)

DATES	PROJECT Award number (PI) Title	ROLE	% EFFOR T	SPONSOR	ANNUAL DIRECT COSTS
2015-2020	DP2 LM012339 A Novel Intervention to Make Heuristics a Source of Power for Physicians (Mohan)	Co-Investigator	5%	National Library of Medicine	\$280,000
2018-2019	Narrative Engagement to Motivate Advance Care Planning (Barnato)	Principal Investigator	5%	Catherine Weldon Donaghue Medical Research Foundation	\$60,500
2015-2017	R01 HL126694 (Kahn) Novel Approaches to Profiling Hospitals on Critical Illness Mortality	Co-Investigator	5%	National Heart Lung and Blood Institute	\$226,140
2015-2017	R01 HL096551 (Kahn) Identifying Optimal Care Structures and Processes in Long Term Acute Care Hospitals	Co-Investigator	15%	National Heart Lung and Blood Institute	\$468,663
2014-2017	R01 HL120980 (Kahn) Organizational Determinants of ICU Telemedicine Effectiveness	Co-Investigator	20%	National Heart Lung and Blood Institute	\$454,562
2013-2017	KL2 TR000146 (Reis/Jacobs) The Adoption of Sterotactic Body Radiation Therapy for Patients with Prostate Cancer	Primary mentor of KL2 scholar Bruce Jacobs MD MS	2.5%, donated	National Center for Advancing Translational Sciences to the University of Pittsburgh	
2008-2017	UL1 RR024153 (Reis/Kapoor) University of Pittsburgh Clinical and Translational Science Institute, Core C: Research Education (Kapoor)	Co-Investigator	10%	National Center for Advancing Translational Sciences	\$1,440,000
2015-2016	UL1 TR000005 (Reis/Barnato) University of Pittsburgh Clinical and Translational Research Institute, Pitt Innovation Challenge (PinCh): ICU StoryWeb	PinCh Awardee, Principal Investigator	2.5%	National Center for Advancing Translational Sciences to University of Pittsburgh	\$10,000
2014-2016	R03 AG048091 (Jacobs) Physician-Hospital Networks and the Diffusion of Innovation in Prostate Cancer Treatment	Primary mentor to KL2 scholar Bruce Jacobs MD MS	2.5%, donated	National Institute of Aging	

DATES	PROJECT Award number (PI) Title	ROLE	% EFFOR T	SPONSOR	ANNUAL DIRECT COSTS
2014-2016	R03 AG047920 (Schwarze) High Risk Surgical Decision Making for Frail Elders	Co-mentor to KL2 scholar Gretchen Schwarze MD MPP	2.5%, donated	National Institute of Aging	
2013-2016	UPMC Master Clinicians Center for Medical Decision Making (Follansbee)	Co- Investigator	15%	Hearst Foundation	\$100,000
2013-2016	U01 AG046830 (Skinner) Technology Diffusion, Health Outcomes, and Healthcare Expenditures	Co- Investigator	10%	National Institute for Aging	\$830,970 (sub, \$21,454)
2012-2016	KL2 TR000428 (Drezner/Schwarze) Prevention of Postoperative Conflict about Life-supporting Therapy by Improving Preoperative Communication	Co-mentor of KL2 scholar Margaret Schwarze MD MPP	2.5%, donated	National Center for Advancing Translational Sciences to University of Wisconsin	\$100,000
2013-2015	Consumer-Directed Financial Incentives to Increase Advance Care Planning among Medi-Cal Beneficiaries (Barnato)	Principal Investigator	15%	Donaghue Foundation and Robert Wood Johnson Foundation	\$100,000
2012-2015	KL2 TR000163 (Shekhar/Edmonds) Using Simulation to Assess the Influence of Race and Class on Perivable Counseling	Co-mentor of KL2 scholar Brownsyne Tucker- Edmonds MD MPH	2.5%, donated	National Center for Advancing Translational Sciences to Indiana University	
2012-2015	K23 GM101292 (Mohan) Time-pressured Decision Making in Trauma Triage	Primary mentor of Deepika Mohan MD MPH	2.5%, donated	National Institute of General Medical Sciences	
2010-2015	K08AG038477 (Wunsch) Intensive Care Services for Elderly Undergoing High Risk Surgical Procedures	Co-mentor of Hannah Wunsch MD MS	2.5%, donated	National Institute on Aging	
2009-2015	R01 HL096651 (Kahn) The Role of Long-Term Acute Care Hospitals in Prolonged Mechanical Ventilation	Co- Investigator	5%	National Heart, Lung, and Blood Institute	\$379,349

DATES	PROJECT Award number (PI) Title	ROLE	% EFFOR T	SPONSOR	ANNUAL DIRECT COSTS
2013-2014	KL2 TR000146 (Reis/Fowler) Identification of dementia in primary care and decision making for clinical preventive services	Primary mentor of KL2 scholar Nicole Fowler PhD	2.5%, donated	National Center for Research Resources to the University of Pittsburgh Institute for Clinical Research Education	
2012-2014	Surrogate Storytelling (Barnato)	Principal Investigator	10%	National Palliative Care Research Center	\$70,000
2012-2013	K12 HL109068 (Yealy/Marin) Emergency Department Variation in Head CT among Pediatric Patients with Head Trauma	Co-mentor of KL2 scholar Jennifer Marin MD MS	2.5%, donated	National Heart Lung and Blood Institute	
2010-2013	K12 HS019461 (Kapoor/Fowler) The Impact of Dementia Screening in Primary Care on Evidence- based, Patient-centered Outcomes	Primary mentor of K12 scholar Nicole Fowler PhD	2%	Agency for Healthcare Research and Quality	
2009-2013	R21 CA139264 (Barnato) Intensive Care Unit Triage Communication and Decision Making: The Role of Patient Race	Principal Investigator	20%	National Cancer Institute	\$137,500
2009-2013	R21 CA141093 (Barnato) Isolating Mechanisms Underlying Hospital Variation in End-of-Life ICU Use	Principal Investigator	20%	National Cancer Institute	\$137,500
2009-2013	R01 AG035112 (Barnato) Developing a Robust Measure of Hospital End-of- Life Intensity	Principal Investigator	20%	National Institute on Aging	\$154,488
2008-2013	University of Pittsburgh Doris Duke Clinical Research Fellowship Program (Kapoor)	Co-Program Leader	25%	Doris Duke Charitable Foundation	\$200,000
2008-2013	P50 GM076659 Protocolized Care for Early Septic Shock (ProCESS) (Angus)	Project Leader	5%	National Institute of General Medical Sciences	\$1,680,000

DATES	PROJECT Award number (PI) Title	ROLE	% EFFOR T	SPONSOR	ANNUAL DIRECT COSTS
2010-2012	KL2 RR024154 (Reis/Mohan) The University of Pittsburgh's Multidisciplinary Clinical Research Scholars Program	Primary Mentor of KL2 Scholar Deepika Mohan MD MPH	2.5%, donated	National Center for Research Resources to the University of Pittsburgh Institute for Clinical Research Education	
2010-2012	Using Simulation Game Technology to Improve End- of-Life Decision Making (Bryce)	Co- Investigator	2.5%	The Greenwall Foundation and the Kornfeld Program in Bioethics and Patient Care	\$106,522
2010-2011	K23 HL082650 (Kahn) Critical Care Organization and Outcomes	Co-mentor of Jeremy Kahn MD MS	2.5%, donated	National Heart Lung and Blood Institute	
2010-2011	K18 NR012847 (Barnato) Using Behavioral Economics to Understand End-of-Life Decisions	Principal Investigator	25%	National Institute of Nursing Research	\$69,420
2009-2011	Study of Patient-Nurse Effectiveness with Assisted Communication Strategies 2 (SPEACS-2) (Happ and Barnato)	Co-Principal Investigator	5%	Robert Wood Johnson Foundation	\$168,000
2009-2011	Social Norms Governing ICU Triage for Critically Ill Elders with Terminal Illness (Barnato)	Principal Investigator	10%	The Greenwall Foundation and the Kornfeld Program in Bioethics and Patient Care	\$95,217
2008-2010	R21 NR010265 (Barnato) Provider and Organizational Norms and Care at End of Life (PONCEL)	Principal Investigator	20%	National Institute of Nursing Research	\$137,500

DATES	PROJECT Award number (PI) Title	ROLE	% EFFOR T	SPONSOR	ANNUAL DIRECT COSTS
2007-2010	Junior Faculty Scholar Award (Barnato)	Principal Investigator	n/a (un-restricted discretionary funds)	University of Pittsburgh Department of Medicine	\$70,000
2008-2009	PEP-08-276-01-PC2 (Barnato) Intensive Care Unit Triage Communication and Decision Making: The Role of Race	Principal Investigator	20%	American Cancer Society	\$69,000
2007-2009	Critical Care Communication (C3): Teaching Intensivists' Communication Skills (Arnold)	Co-Investigator	2.5%	Jewish Healthcare Foundation and National Palliative Care Research Center	\$115,000
2007-2008	A Pilot Study of Emergency Physician, Hospitalist, and Intensivist Communication Strategies and Decision Making for Critically Ill Elders with End-Stage Cancer: Content Analysis of Communication Behaviors Using Audio Files (Barnato)	Principal Investigator	10% (subsumed)	Peter and Emma Winters Medical Foundation	\$9,000
2003-2008	K08AG021921 (Barnato) Hospital-Level Variation in Treatment Intensity at the End of Life	Principal Investigator	75%	National Institute on Aging	\$117,828
2006-2007	A Pilot Study of Emergency Physician, Hospitalist, and Intensivist Communication Strategies and Decision Making for Critically Ill Elders with End-Stage Cancer: Simulation Development and Decision Outcomes (Barnato)	Principal Investigator	10% (subsumed)	University of Pittsburgh Institute to Enhance Palliative Care	\$10,000

DATES	PROJECT Award number (PI) Title	ROLE	% EFFOR T	SPONSOR	ANNUAL DIRECT COSTS
2006	National Estimates of Disability after Prolonged Mechanical Ventilation in the Elderly (Barnato)	Principal Investigator	10% (sub-summed)	National Institute on Aging funded University of Pittsburgh Claude D. Pepper Older Americans Independence Center	\$15,000
2005	R13CA117811 (Barnato) Cancer Decision Tool Symposium at the 2005 Annual Meeting of the Society for Medical Decision Making	Principal Investigator	5% (sub-summed)	National Cancer Institute	\$19,664
2004-2005	Prioritizing Organization and Management of Intensive Care Services (Angus)	Co-Investigator	10%	American College of Chest Physicians, American Thoracic Society, American Association of Critical Care Nurses, and Society for Critical Care Medicine	\$57,848
2002-2003	High-Cost Medicare Beneficiaries	Principal Investigator	20-80%	Congressional Budget Office	\$42,870
2000	A Cost-Benefit Analysis of Grain Fortification with Calcium and Vitamin D for the Prevention of Osteoporosis (Barnato)	Principal Investigator	5%	Institute for Research on Women and Gender, Iris F. Litt, M.D. Fund, Stanford University	\$2,900
1999	A Cost-Effectiveness Analysis of a Potential Vaccine for <i>Coccidioides immitis</i> (Barnato)	Principal Investigator	10%	California State University Bakersfield Foundation	\$22,211

B. Pending Support

DATES	PROJECT	ROLE	% EFFORT	SPONSOR	ANNUAL DIRECT COSTS

XIV. PROGRAM DEVELOPMENT

Clinical Scientist Training Program (CSTP), University of Pittsburgh School of Medicine. In 2003, I developed this 5-year dual MD/MS or Certificate in Clinical Research in collaboration with Dr. Wishwa N. Kapoor, Director of the Institute for Clinical Research Education. The CSTP (MD/MS), a sister program to the Medical Scientist Training Program (MSTP, MD-PhD), was supported by institutional funding from the Dr. Arthur Levine, Vice Chancellor of the Schools of the Health Sciences and Dean of the School of Medicine. The aim of the program was to increase the pipeline of clinical scientists. CSTP students received merit-based scholarships and completed longitudinal career development activities, 15 months of full-time mentored clinical research, and graduate coursework towards a Certificate or Master of Science in clinical research over five years. During my tenure leading the CSTP between 2003-2015, I was responsible for recruitment and selection of candidates; annual evaluation and promotion; academic advising; mentor-matching; teaching the longitudinal seminar; and chairing each student’s MS thesis committee (see full list in Section X.C). Annually we recruited between 2-8 students; at steady state, there were typically 25 students across 5 program years. Program outcomes included productivity in the form of manuscripts, self-assessed performance on the clinical research appraisal inventory, and retention into academic career. Approximately 60% of CSTP graduates who have completed their terminal training are engaged in academic careers.

Susan & Richard Levy Health Care Delivery Incubator (Incubator). In 2019, I started the Susan & Richard Levy Health Care Delivery Incubator (Incubator) in collaboration with Mary Oseid at Dartmouth-Hitchcock Health (D-HH). The Incubator is a joint venture between The Dartmouth Institute for Health Policy and Clinical Practice (TDI) and D-HH supported by philanthropic and institutional funds from both the Geisel School of Medicine and D-HH, including a gift from Dick and Susan Levy, the Susan J. and Richard M. Levy 1960 Distinguished Professorship, the Susan J. and Richard M. Levy 1960 Research and Program Support fund (Presidential Matching Fund), and the Health Transformation Research Fund at D-HH. The aim of the program is to support transformational health care redesign to improve serious illness care experiences for patients, family members, and providers; to ensure alignment between patient’s goals and the medical care that they receive; and to reduce spending on unnecessary, ineffective, or unwanted interventions that may contribute to financial toxicity. Between 2019-2022 the Incubator funded ten project teams to develop and test health care delivery interventions within the D-HH system. Outcome metrics include team satisfaction, productivity, student and faculty engagement, and clinical redesign outcomes including patient and family satisfaction, patient-reported outcome measures, length of stay and readmission, total health care use, and return-on-investment. The average time to return on investment in each team’s one-year team financial support is 1.8 years.

XV. ENTREPRENEURIAL ACTIVITIES: N/A

XVI. MAJOR COMMITTEE ASSIGNMENTS

A. National/Internationali. Professional Membership Societies

DATES	COMMITTEE	ROLE	INSTITUTION
2001–2002	Prevention Policy Track Committee, 2002 Annual Meeting	Member	American College of Preventive Medicine
2002	Paper of the Year Award Committee, 2002 Annual Meeting	Member	AcademyHealth
2002–2003	Prevention Policy Track Committee, 2003 Annual Meeting	Chair	American College of Preventive Medicine
2003–2004	2004 Annual Meeting	Chair	American College of Preventive Medicine
2004	Public Health Abstract Review Committee, 2004 Annual Meeting	Co-Chair	Society for Medical Decision Making
2004-2005	Executive Director Search Committee	Member	American College of Preventive Medicine
2004-2007	Development Committee	Member	Society for Medical Decision Making
2006	Executive Director Search Committee	Member	Society for Medical Decision Making
2006-2007	Social Event Committee, 2007 Annual Meeting	Chair	Society for Medical Decision Making
2007-2010	Task Force on Technology Assessment	Co-Chair	Society for Medical Decision Making
2009	Judgment and Decision Making: Preferences and Behaviors of Patients and Providers Track, 2009 Annual Meeting	Co-Chair	Society for Medical Decision Making
2009-2013	Board	Trustee	Society for Medical Decision Making
2011-2015	Lee Lusted Student Prize Committee	Co-Chair	Society for Medical Decision Making
2012-2014	Education Committee	Co-Chair	Society for Medical Decision Making
2013-2014	Board	Vice President	Society for Medical Decision Making
2019-2021	Paradigm Project	Design team member	AcademyHealth
2022	Nominating committee	Member	Society for Medical Decision Making

ii. Government and Quasi-Governmental Organizations

DATES	COMMITTEE	ROLE	INSTITUTION
2004	“Developing a Research and Data Strategy for Improving Care of Chronically Ill Medicare Beneficiaries”	Invited Working Group Member (July 1, 2004)	Centers for Medicare and Medicaid Services (CMS), Baltimore, Maryland

DATES	COMMITTEE	ROLE	INSTITUTION
2005	“Identifying Public Health Priorities for End of Life”	Invited Stakeholder	National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention, Atlanta, Georgia
2010-2013	Committee on Geographic Variation in Health Care Spending and Promotion of High-Value Care	Member	Institute of Medicine, Washington, DC
2011	Scientific Advisory Board	Member	FAIR Health, New York, NY
2016-2018	Affective and Decisional Processes in Palliative Care Research Network	Member	National Cancer Institute, Rockville, MD

iii. Peer Review

DATES	COMMITTEE	ROLE	INSTITUTION
September 17, 2004	Demonstration Application Review Committee, “Chronic Care Improvement Program, Phase I”	Reviewer	Centers for Medicare and Medicaid Services, Baltimore, Maryland
June 20-21, 2007	Ad hoc Special Emphasis NIH Review Panel for the Program Project Review “Context and Connections”	Reviewer	National Institute on Aging, Bethesda, Maryland
2007	Review Panel, “Changes in Health Care Financing and Organization”	Reviewer	Robert Wood Johnson Foundation, Princeton, New Jersey
June 22, 2009	Ad hoc NIH Review Panel for “Roybal Centers for Translational Research on Aging”	Reviewer	National Institute on Aging, Bethesda, Maryland
June 22, 2009	Ad hoc NIH Review Panel for the Program Project Review “Perceived Discrimination and Disparities”	Reviewer	National Institute on Aging, Bethesda, Maryland
July 15, 2010	Ad hoc NIH Special Emphasis Panel ZNR1-REV-T “Advancing Palliative Care Research for Children Facing Life-Limiting Conditions”	Reviewer	National Institute of Nursing Research, Bethesda, Maryland
July 20, 2010	Ad hoc NIH Special Emphasis Panel ZAG ZIJ-1 (07) “Network Infrastructure for Aging Research”	Reviewer	National Institute on Aging, Bethesda, Maryland
February 21-22, 2012	Ad hoc Special Emphasis Panels ZRG1 CB-J (70) and ZRG1 ETTN-L (70),	Reviewer	Patient Centered Outcomes Research Institute, Washington, DC
2010-2015	Palliative Care and Symptom Management Peer Review Committee	Standing Committee Member	American Cancer Society, Atlanta, Georgia
October 14, 2015	Ad hoc Special Emphasis Panel ZCA1 TCRB-Y (J3) S “Affective Processes in Cancer Control”	Reviewer	National Cancer Institute, Bethesda, Maryland

DATES	COMMITTEE	ROLE	INSTITUTION
June 10-11, 2020	Dissemination and Implementation Research in Health	Reviewer	National Institutes of Health, Bethesda, Maryland
July 20, 2021	Special Emphasis Panel (NIH Member Conflict Panel)	Reviewer	National Institutes of Health, Bethesda, Maryland

iv. Clinical Trial Data Safety and Monitoring Boards

DATES	COMMITTEE	ROLE	INSTITUTION
2009-2010	U.S. Data Safety and Monitoring Board of the international multicenter clinical trial "Outpatient Treatment of Low-Risk Patients with Pulmonary Embolism" (Yealy PI)	Chair	University of Pittsburgh, Pittsburgh, Pennsylvania
2011-2013	Data Safety and Monitoring Board for the Agency for Healthcare Research and Quality-funded clinical trial "Enhancing the Effectiveness of Physical Therapy in People with Knee Osteoarthritis" (Fitzgerald, PI)	Member	University of Pittsburgh, Pittsburgh, Pennsylvania
2016-present	Data Safety and Monitoring Board for the National Institute of Aging-sponsored clinical trial "Improving Palliative Care for Older Seriously Ill Patients and Their Families: A Randomized Trial of an Informed Assent Communication Intervention about CPR" (Stapleton PI)	Member	University of Vermont, Burlington, Vermont

B. Regional

DATES	COMMITTEE	ROLE	INSTITUTION
2004–2009	Measurement Subcommittee	Chair	Coalition for Quality at the End of Life, Pittsburgh
2005	First Annual Summit of the Pennsylvania Department of Aging Task Force for Quality of Care at the End of Life	Delegate	Harrisburg, Pennsylvania
2005–2006	Chapter Task Force Report, First Annual Summit of the Pennsylvania Department of Aging Task Force for Quality at End of Life	Chair	Harrisburg, Pennsylvania
2006–2008	Advisory Committee "Improving Quality and Efficiency: Coordinated Care Benefit for Medicare Beneficiaries with Heart Failure" (Julie Sochlaski, PhD, Principal Investigator)	Member	Funded by the Commonwealth Fund to the University of Pennsylvania School of Nursing, Philadelphia, Pennsylvania
2007–2009	Demonstration Subcommittee	Co-Chair	Coalition for Quality at the End of Life, Pittsburgh

DATES	COMMITTEE	ROLE	INSTITUTION
2009	Advisory Committee, "Developing a Palliative Care Service Delivery Model for Pennsylvania" (Beth Nolan, PhD, Principal Investigator)	Member	Funded by the Pennsylvania Department of Aging to the University of Pittsburgh Graduate School of Public Health, Pittsburgh, Pennsylvania

C. Institutional

DATES	COMMITTEE	ROLE	INSTITUTION
1991–1992	Faculty Awards Committee	Member	Harvard Medical School
1997–1998	Residency Advisory Committee	Member	California Department of Health Services, Sacramento
2002–2005	Institutional Review Board	Member	University of Pittsburgh School of Medicine
2003	Patient-Doctor Task Force, Curriculum Reform Effort	Member	University of Pittsburgh School of Medicine
2003–2007	Dean's Applicant Selection Committee	Interviewer	University of Pittsburgh School of Medicine
2003–2015	Curriculum Committee	Member	Institute for Clinical Research Education, University of Pittsburgh
2003–2015	Scholarly Project Executive Committee	Member	University of Pittsburgh School of Medicine
2013–2017	Faculty Appointments and Promotions Committee	Member	University of Pittsburgh School of Medicine
2013–2016	Institutional Review Board	Member	University of Pittsburgh School of Medicine
2015–2017	Junior Scholar Award Review Committee	Member	University of Pittsburgh School of Medicine
2016–2017	Executive Committee of the Faculty	Elected member	University of Pittsburgh School of Medicine
2018-2021	Executive Committee, The Dartmouth Institute for Health Policy and Clinical Practice	Member	Geisel School of Medicine at Dartmouth
2018-2021	Curriculum Committee, Master of Public Health	Member	Geisel School of Medicine at Dartmouth
2020-2021	PhD Committee, The Dartmouth Institute for Health Policy and Clinical Practice	Member	Geisel School of Medicine at Dartmouth
2019-2020	Search Committee, Director of the Dartmouth Institute for Health Policy and Clinical Practice	Member	Geisel School of Medicine at Dartmouth
2020-2021	Search Committee, Health Equity Faculty (3 Positions), The Dartmouth Institute for Health Policy and Clinical Practice	Chair	Geisel School of Medicine at Dartmouth
2021-	Dean's Advisory Board	Member	Geisel School of Medicine at Dartmouth
2021-	Committee of Chairs	Member	Geisel School of Medicine at Dartmouth

DATES	COMMITTEE	ROLE	INSTITUTION
2021-	Steering Committee, DH Promise Partnership	Member	Geisel School of Medicine at Dartmouth and Dartmouth Health
2022	Steering Committee, DH Center for Rural Health Equity (Governance Subcommittee)	Member	Geisel School of Medicine at Dartmouth and Dartmouth Health

XVII. MEMBERSHIPS, OFFICE AND COMMITTEE ASSIGNMENTS IN PROFESSIONAL SOCIETIES: MEMBERSHIPS IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

DATES	SOCIETY	ROLE
1992-2002	Massachusetts Medical Society	Member
2000-2003	American Public Health Association	Member
2000-2013	AcademyHealth (formerly Association for Health Services Research)	Member
2006-2015	American Medical Association	Member
1997-present	American College of Preventive Medicine	Member
2000-present	Society for Medical Decision Making	Member
2017-present	American Academy of Hospice and Palliative Medicine	Member

XVIII. OTHER INSTITUTIONAL CENTER OR PROGRAM AFFILIATIONS

DATES	COMMITTEE	ROLE	INSTITUTION
1992-1993	Dr. David Blumenthal on a grant to study policy-relevant influences on access to care among the uninsured	Research Consultant	Massachusetts General Hospital Medical Practices Evaluation Center, Boston, Massachusetts
1996-1997	Integrated Healthcare Association (IHA) to evaluate perspectives on medical ethics in managed care among California managed care organization medical directors	Research Consultant	Integrated Healthcare Association, Pleasanton, California
1998-1999	Scriptwriters of the NBC television show ER	Research Consultant	Warner Brothers Studios, Burbank, California
2001-2006	Dr. Joy Melnikow on a grant to evaluate the cost-effectiveness of tamoxifen for breast cancer risk reduction	Research Consultant	University of California Department of Family Medicine, Davis, California
2002-2003	Division of Health and Human Resources, with particular focus on Medicare financing and reform	Research Consultant	Congressional Budget Office, Washington, DC
2003	Professor Wendy Chapman on a study to validate computer algorithms for syndromic surveillance in emergency rooms	Research Consultant	University of Pittsburgh Center for Biomedical Informatics, Pittsburgh, Pennsylvania
2006-2007	Program on Consumer Engagement in the evaluation of the reliability and validity of hospital quality metrics for public reporting	Consultant	Pacific Business Group on Health, San Francisco, California

XIX. EDITORIAL BOARDS

DATES	SOCIETY/JOURNAL	ROLE
2012-present	Health Services Research	Member
2013-present	Intensive Care Medicine	Member

XX. JOURNAL REFEREE ACTIVITY

DATES	JOURNAL NAME	ROLE	FREQUENCY OF REVIEW
2001-present	American Journal of Respiratory and Critical Care Medicine	Reviewer	Ad hoc
2001-present	Critical Care Medicine	Reviewer	Ad hoc
2001-present	Health Affairs	Reviewer	Ad hoc
2001-present	JAMA (including subspecialty and Open)	Reviewer	Ad hoc
2001-present	Journal of Critical Care Medicine	Reviewer	Ad hoc
2001-present	Journal of General Internal Medicine	Reviewer	Ad hoc
2001-present	Medical Care	Reviewer	Ad hoc
2001-present	Health Services Research	Reviewer	Ad hoc
2001-present	Medical Decision Making	Reviewer	Ad hoc
2001-present	Milbank Quarterly	Reviewer	Ad hoc
2001-present	New England Journal of Medicine	Reviewer	Ad hoc

XXI. AWARDS AND HONORS

DATE	AWARD
1989	Phi Beta Kappa, University of California, Berkeley
1991	Certificate of Distinction in Teaching, Harvard University
1991	Paul Dudley White International Research Fellowship, Harvard Medical School
2002	Award for Outstanding Short Course, Society for Medical Decision Making
2003	Nomination by the Class of 2005 for Excellence in Education Award as a Course Director, University of Pittsburgh School of Medicine
2003	Nomination by the Class of 2005 for Excellence in Education Award as a Small Group Facilitator, University of Pittsburgh School of Medicine
2004	Rising Star Award, American College of Preventive Medicine
2005	Educational Scholarship Award for a "Top Ten Abstracts," Society of Critical Care Medicine
2005	Fellowship, American College of Preventive Medicine
2005	Nomination for Article of the Year (2004), AcademyHealth
2006	Best Geriatrics Abstract, Society of General Internal Medicine
2007	Junior Faculty Scholar Award, Department of Medicine, University of Pittsburgh School of Medicine
2013	Distinguished Mentor Award, Institute for Clinical Research Education

XXII. INVITED PRESENTATIONS**A. International**

DATE	TOPIC/TITLE	ORGANIZATION	LOCATION
April 24, 2003	*Podium Presentation: "Using Administrative Data to Understand End-of-Life Care in the ICU"	International Consensus Conference in Intensive Care Medicine: Challenges in End-of-Life Care in the ICU	Brussels, Belgium
July 10, 2007	*Podium Presentation: "Is There a Survival Advantage of Admission to a 'High Intensity' Hospital?"	International Health Economics Association	Copenhagen, Denmark
April 23, 2016	*Critical Care Seminar Series: "A Tale of Two Hospitals: Decision Making about Life-Sustaining Treatment"	University of Cape Town	Cape Town, South Africa

B. National

DATE	TOPIC/TITLE	ORGANIZATION	LOCATION
June 14, 2000	*Lecture: "Trends in the Use of Intensive Procedures at the End of Life among Medicare Beneficiaries"	Frontiers in Health Policy Research	Washington, DC
September 25, 2000	#^Podium Presentation: "A Markov Model to Assess the Cost-Effectiveness of Coccidioides immitis Vaccination"	Annual Meeting of the Society for Medical Decision Making	Cincinnati, Ohio
March 1, 2001	*^Lecture: "Cost-Effectiveness of a Potential Vaccine for Coccidioides immitis"	Public Health Grand Rounds	Tucson, Arizona
June 12, 2001	#Podium Presentation: "Trends in Intensive Procedure Use at the Ends of Life among Medicare Beneficiaries"	Annual Meeting of the Academy for Health Services Research and Health Policy	Atlanta, Georgia
June 12, 2003	*Podium Presentation and Panelist: "Medicare Spending Patterns and Implications for Disease Management Programs in Fee-for-Service Medicare"	George Washington University National Health Policy Forum: From Disease Management to Population Health—Steps in the Right Direction?	Washington, DC
June 28, 2003	#Poster Presentation: "Predictors of Intensive Inpatient Service Use among the Elderly"	Annual Meeting of AcademyHealth	Nashville, Tennessee
October 20, 2003	#^Podium Presentation Plenary Abstract: "What Teaching Decision Analysis Teaches Us about Decision Analysis"	Annual Meeting of the Society for Medical Decision Making	Chicago, Illinois

DATE	TOPIC/TITLE	ORGANIZATION	LOCATION
September 15, 2004	*Seminar: "Hospital-Level Variation in Treatment Intensity at the End of Life: Preliminary Data from Hospital Case Studies"	VA Outcomes Group, Dartmouth Medical School and White River Junction VA Hospital	White River Junction, Vermont
January 17, 2005	#^Podium Presentation: "Trends in ICU Use among Medicare Beneficiaries in the Last 90 Days of Life"	Annual Congress of the Society for Critical Care Medicine	Phoenix, Arizona
January 17, 2005	#^Podium Presentation: "Trends in Hospital Disposition among Medicare Beneficiaries Admitted to the ICU in the Last 90 Days of Life"	Annual Congress of the Society for Critical Care Medicine	Phoenix, Arizona
April 28, 2006	#^Podium Presentation: "Patients' Preferences Do Not Explain Regional Variation in End-of-Life Treatment Intensity"	Annual Meeting of the Society of General Internal Medicine	Los Angeles, California
April 28, 2006	#^Podium Presentation: "Racial and Ethnic Differences in Preferences for End-of-Life Treatment"	Annual Meeting of the Society of General Internal Medicine	Los Angeles, California
November 1, 2006	*^Lecture: "Hospital-Level Variation in Treatment Intensity at the End of Life: Case Studies of 11 Pennsylvania Hospitals"	Critical Care Grand Rounds, University of Washington	Seattle, Washington
May 3, 2007	*Lecture: "Is There a Survival Benefit of Admission to a High 'End-of-life' Intensity Hospital?"	Center for Clinical Epidemiology and Biostatistics, Department of Biostatistics, University of Pennsylvania	Philadelphia, Pennsylvania
September 20, 2007	*^Lecture: "Is There a Survival Benefit of Admission to a High 'End-of-Life' Intensity Hospital?"	Critical Care Grand Rounds, Mayo Clinic	Rochester, Minnesota
October 23, 2007	#^Podium Presentation: "Variation in ICU Admission Decisions for an Elderly Patient with End-Stage Cancer: A Pilot Simulation Study"	Annual Meeting of the Society for Medical Decision Making	Pittsburgh, Pennsylvania
May 19, 2010	*Podium Presentation: "Variation in End of Life Services: Is it the Providers or the Patients?"	The 17th Princeton Conference, Examining End of Life Care: Creating Sensible Public Policies for Patients, Providers, and Payers	Princeton, New Jersey

DATE	TOPIC/TITLE	ORGANIZATION	LOCATION
October 17, 2012	#^Plenary Top-Ranked Abstract Podium Presentation: "The Effect of Emotion and Physician Communication Behaviors on Surrogates' CPR Decisions: A Randomized Trial"	Annual Meeting of the Society for Medical Decision Making	Phoenix, Arizona
December 9, 2012	*^Medical Grand Rounds: "A Tale of Two Hospitals: Decision-Making about Life-sustaining Treatment"	Dartmouth Hitchcock Medical Center	Hanover, New Hampshire
March 8, 2013	*^Medical Grand Rounds: "Variation in End-of-life Life-sustaining Treatment Decision Making: A Tale of Two Hospitals"	Lennox Hill Hospital	New York, New York
October 14, 2013	*Jack Wennberg Feschcrift: "Qualitative Research in Variations Research"	Geisel School of Medicine at Dartmouth	Hanover, New Hampshire
September 24, 2014	*^Learning Health Systems Lecture Series: "Learning from Big and Small Data"	University of Utah School of Medicine	Salt Lake City, Utah
September 29, 2014	*^Medical Grand Rounds: "A Tale of Two Hospitals: Decision Making about Life-Sustaining Treatment"	University of Pittsburgh School of Medicine	Pittsburgh, Pennsylvania
December 10, 2015	#Center for Health Incentives and Behavioral Economics Annual Research Meeting: "Consumer-Directed Financial Incentives to Increase Advance Care Planning among Medicaid Beneficiaries"	Leonard Davis Institute, University of Pennsylvania School of Medicine	Pittsburgh, Pennsylvania
June 17, 2016	*Seminar: "End-of-life intensive care and life-sustaining treatment use among seriously ill elders: Epidemiology, causes, and consequences"	The Dartmouth Institute for Health Policy & Clinical Practice	Lebanon, New Hampshire
December 11, 2019	*Palliative Care Grand Rounds: "Physician Implicit Cognition and Advance Care Planning"	University of North Carolina School of Medicine	Chapel Hill, North Carolina

C. Regional/Local

DATE	TOPIC/TITLE	ORGANIZATION	LOCATION
October 27, 1997	*Invited Lecture: "The Political Economy of Health Care in the United States"	Sociology of Health and Illness" (Professor LJ Moore)	San Francisco State University, San Francisco
August 27, 1998	*Invited Lecture: "Health Education–Hollywood Style," Public Health Grand Rounds	California Department of Health Services	Sacramento, California

DATE	TOPIC/TITLE	ORGANIZATION	LOCATION
October 20, 2001	*Seminar: "Trends in Inpatient Treatment Intensity among Medicare Beneficiaries"	CRHC/CHERP/RAND Seminar Series, University of Pittsburgh	Pittsburgh, Pennsylvania
October 15, 2002	*Seminar: "Concentration and Persistence of Medicare Spending"	CRHC/CHERP/RAND Seminar Series, University of Pittsburgh	Pittsburgh, Pennsylvania
November 11, 2003	*Seminar: "Racial Variation in Treatment and Outcomes after Acute Myocardial Infarction: Are We Barking Up the Wrong Tree?"	CRHC/CHERP/RAND Seminar Series, University of Pittsburgh, Pittsburgh	Pittsburgh, Pennsylvania
November 19, 2004	*^Lecture: "Hospital-Level Variation in Treatment Intensity at the End of Life: Preliminary Findings from Hospital Case Studies"	Critical Care Grand Rounds, University of Pittsburgh School of Medicine	Pittsburgh, Pennsylvania
January 28, 2005	*Podium Presentation and Panelist: "Disease Management in Medicare," Medicare Modernization in a Polarized Environment	National Academy of Social Insurance	Washington, DC
April 24, 2006	*Podium Presentation and Panelist: "Does the Insurer Pay for the Drugs and Procedures the Patient Requires?" 15th Annual Medical Ethics Update 2006	Center for Bioethics and Health Law, University of Pittsburgh School of Medicine	Pittsburgh, Pennsylvania
February 9, 2007	*Lecture: "Spending at the End of Life: How Do We Rationalize the Costs?"	Interdisciplinary Seminar on the Contemporary Deathbed, Sponsored by the University of Pittsburgh Office of the Vice Chancellor for Health Sciences and Department of Cultural Studies and the London Consortium	Pittsburgh, Pennsylvania
February 16, 2007	*Panel Presentation: "Making the Most of Your Peers: Peer Mentoring and Information Networks," Sunrise Series for Women Faculty and Fellows	Office of Academic Career Development, University of Pittsburgh Health Sciences	Pittsburgh, Pennsylvania
November 8, 2007	*Lecture: "Variation in ICU Admission Decisions for an Elderly Patient with End-Stage Cancer: A Pilot Simulation Study"	Western Pennsylvania Chapter of the American Geriatrics Society	Pittsburgh, Pennsylvania

DATE	TOPIC/TITLE	ORGANIZATION	LOCATION
November 15, 2007	*Podium Presentation: "Variation in ICU Admission Decisions for an Elderly Patient with End-Stage Cancer: A Pilot Simulation Study,"	Leo H. Crip Symposium on Patient-Provider Communication	Pittsburgh, Pennsylvania
March 5, 2008	*Lecture: "Is Survival Better at Hospitals That Treat Dying Patients More Aggressively?"	Education Committee Meeting, Pennsylvania Health Care Cost Containment Council	Harrisburg, Pennsylvania
April 4, 2008	*Panel Presentation: "Being Successful and Striving for Sanity: Balancing Your Career and Your Life," Course in Scientific Management and Leadership	Office of Academic Career Development, University of Pittsburgh Health Sciences	Pittsburgh, Pennsylvania
April 6, 2009	*Panel Presentation: "Obesity, Class, and Race," 18th Annual Medical Ethics Update 2009	Center for Bioethics and Health Law, University of Pittsburgh School of Medicine	Pittsburgh, Pennsylvania
March 25, 2010	*Panel Presentation: "Challenges and Barriers to Career Success for Clinical Scientists," Course in Scientific Management and Leadership	Office of Academic Career Development, University of Pittsburgh Health Sciences	Pittsburgh, Pennsylvania
June 3, 2016	*Lecture: "The Effect of Patient Race on Physician ICU and Life-sustaining Treatment Decisions for Elders with End-stage Cancer"	Psycho-Oncology Clinical Lecture, Hillman Cancer Center	Pittsburgh, Pennsylvania
March 9, 2018	*^"Novel interventions to modify physician decision making"	The Center for Behavioral Health and Technology, Geisel School of Medicine	Lebanon, New Hampshire
April 3, 2019	*"Novel interventions to modify physician decision making"	Division of Health Policy and Insurance Research, Department of Population Medicine, Harvard Medical School	Boston, Massachusetts
May 29, 2020	*#^ "Getting in Early: New Frontiers in Palliative Care Interventions"	American Society for Clinical Oncology	Virtual National Meeting

*Invited presentation; #National meeting presentation; ^Offered for continuing medical education

XXIII. BIBLIOGRAPHY

A. Peer-reviewed publications in print or other media

Refereed Articles (Mentee; my role: †primary mentor; ‡co-mentor; §focused project-based mentorship)

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B. Other scholarly work in print or other media:

i. Invited Editorials

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6. Barnato AE, Dzeng E. Treatment escalation in the intensive care unit among patients with preexisting treatment limitations: best-laid plans gone awry? *JAMA Int Med*. 2015;175(6):1026-1027. PMID: [25821922](#).
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ii. News Media and OpEd

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iii. Nonrefereed Articles, Monographs, and Government Reports:

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7. Contributing author of: Congressional Budget Office. *An Analysis of the Literature on Disease Management Programs*. Washington, DC: Congressional Budget Office; October 2004.
8. Contributing author of: Congressional Budget Office. *High Cost Medicare Beneficiaries*. Washington, DC: Congressional Budget Office; May 2005.
9. Contributing author (and principal author of Chapter 8) of: Pennsylvania Task Force for Quality of Care at the End of Life. Chapter 8: Research, measurement, and data. In: *Improving end-of-life experiences for Pennsylvanians*. Harrisburg, PA: Pennsylvania Department of Aging and the Governor’s Office of Healthcare Reform; February 2007.

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iv. Websites

1. ICUStoryWeb.org

ICU StoryWeb is an interactive site designed to help people share their stories about making life support decisions for family members and friends in the intensive care unit (ICU). At ICU StoryWeb, people can listen to and read other people's stories, use our storytelling guide to record and share their own unique story, and access resources with information about grief & loss, making medical decisions, and storytelling traditions.

C. Published Abstracts

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2. #Bravata DM, Olkin I, Barnato AE, Keeffe EB, Owens DK. Quality of life, employment, and alcohol use after liver transplantation: a meta-analysis. *J Gen Intern Med*. 2000;15(suppl 1):55.
3. #Barnato AE, Sanders GD, Owens DK. A Markov model to assess the cost effectiveness of *Coccidioides immitis* vaccination. *Med Decis Making*. 2000;20:487.
4. #Barnato AE. Spurious utilization using administrative data. *J Gen Intern Med*. 2002;17(suppl 1):183.
5. #Barnato AE, Smith KJ, Roberts MR. What teaching decision analysis teaches us about decision analysis. *Med Decis Making*. 2003;23(6):558.
6. #Hess R, Barnato AE, Peele P. Differential effect of a breast cancer decision aid by marital status. *Med Decis Making*. 2004;25(1):E10.
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13. #Barnato AE, Anthony DL, Gallagher PM, Skinner JS, Fowler FJ, Fisher ES. Racial and ethnic differences in preferences for end of life treatment. *J Gen Intern Med*. 2006;21(suppl 4):116.
14. #Barnato AE, Smith KJ, Resnick NM, Rosenberg LJ, Roberts MR. Absence of hedonic adaptation in urge incontinence. 28th Annual Meeting of the Society for Medical Decision Making, Boston, Massachusetts, October 2006.
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Mentee; my role: †primary mentor; ‡co-mentor; §focused project-based mentorship

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XXIV. PERSONAL STATEMENT