

CURRICULUM VITAE

BIOGRAPHICAL

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3708 Fifth Avenue
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Pittsburgh, PA 15213

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Medical Licensure: Pennsylvania

EDUCATION AND TRAINING

UNDERGRADUATE:

1982 University of Tennessee, Memphis
 Medical Ethics Practicum Certificate
 University of Tennessee, Knoxville
 Graduate level philosophy with emphasis on medical ethics

1983 University of Missouri, Kansas City
 BA, Biology and Philosophy
 Outstanding Achievement

GRADUATE:

1983 University of Missouri, Kansas City School of Medicine
Doctor of Medicine

POSTGRADUATE:

1983-1986 Rhode Island Hospital, Providence, Rhode Island
General Internal Medicine Residency Training Program
1986-1988 University of Pennsylvania, Philadelphia, Pennsylvania
Robert Wood Johnson Foundation Clinical Scholar
Summer Kellogg Foundation) Fellowship in Public and Health Policy
1986 (worked at the Office of Technology Assessment on the Ethical Implications of
Insurers' and Employers' Use of Prognostic Tests)
1997- American Association of Physician and Patient Facilitator in Training
1997-2001 Project on Death in America Faculty Scholar
2013 Brocher Research Scholar, Switzerland
2023 Teach Like a Champion Fellowship

APPOINTMENTS AND POSITIONS

1980-1981 Co-Instructor, Correlative Series in Medical Ethics
University of Missouri, Kansas City School of Medicine
1981 Graduate Assistant, Medical Ethics Course
University of Tennessee, Knoxville
1985 Instructor, Community Health Clerkship
Brown University Program in Medicine
1984-1986 Founder, Co-Director, Curriculum in Medical Ethics
Rhode Island Hospital, General Internal Medicine Residency Training Program
1985-1986 Co-Organizer, Instructor, Ethics Component of Introduction to Clinical Medicine
Brown University Program in Medicine
1986-1988 Instructor, Seminar in Medical Ethics
University of Pennsylvania School of Medicine
1987-1988 Instructor, Ethics Component of Medicine Clerkships
University of Pennsylvania School of Medicine
1988-Present Director, Clinical Ethics Training Program
University of Pittsburgh School of Medicine
(Coordinate ethics component of medicine, pediatrics, surgery, psychiatry
clerkships and residencies. Develop month-long elective in medical ethics
for students, residents, and MA candidates in medical ethics.)
1988-Present Director, Fellowship in Medical Ethics
University of Pittsburgh School of Medicine
1988-1993 Assistant Professor, Division of General Internal Medicine
University of Pittsburgh School of Medicine

1990-1993 Clinical Coordinator, Primary Care Internal Medicine Residency Program
University of Pittsburgh School of Medicine

1990-Present Staff Physician
Pittsburgh AIDS Center for Treatment

1990-Present Faculty Associate, University Center for Social and Urban Research
University of Pittsburgh

1990-1996 Assistant Professor, Department of Psychiatry
University of Pittsburgh (Secondary Appointment)

1992-Present Associate Director for Education, Center for Bioethics and Health Law
University of Pittsburgh

1993-1995 Director, Primary Care Residency Training Program
University of Pittsburgh

1994-2000 Associate Professor of Medicine, Division of General Internal Medicine
University of Pittsburgh

1995-1996 Co-Director, Primary Care Residency Training Program
University of Pittsburgh

1995-1997 Director of Ambulatory Education, Division of General Internal Medicine
University of Pittsburgh

1996-2000 Associate Professor of Family Medicine and Clinical Epidemiology
University of Pittsburgh (Secondary Appointment)

1997-Present Affiliate Faculty, Center for Research on Health Care

1999-Present Core Faculty, Center for Research on Health Care

1997-Present Director, Section of Palliative Care and Medical Ethics

1997-Present Assistant Medical Director
Palliative Care Institute for Quality and Medical Management
UPMC Health System; Renamed the Institute for Performance Improvement (2000)

1998-Present Member, Clinical Investigation Unit; Biobehavioral Program
University of Pittsburgh Cancer Institute

1998-Present Associate Director for Research, Center for Bioethics and Health Law
University of Pittsburgh

1999-Present Core Faculty, Center for Research on Health Care

2000-Present Professor, Department of Medicine

2000-Present Professor of Family Medicine
University of Pittsburgh (Secondary Appointment)

2000-Present Professor of Psychiatry
University of Pittsburgh (Secondary Appointment)

2000-2016 Dr. Leo H. Crip Chair in Patient Care

2002-Present Co-Director
UPCI Behavioral Medicine, Section of Palliative Care
(Pain, Rehabilitation and Supportive Care)

2002-Present University of Pittsburgh Graduate Faculty

2002-2009 Co-Director, Institute to Enhance Palliative Care

2002-Present Director, Institute for Doctor-Patient Communication

2003-Present Affiliate Faculty, Center for Healthcare Equity Research and Promotion

2003-2009 Director, Palliative Care Fellowship Training Program

2005-Present Member, Advisory Committee
Children's Hospital Supportive Care Program
2005-Present UPCI Protocol Review Committee
2005-Present University of Pittsburgh School of Medicine Academy of Master Educators
Renamed Academy of Distinguished Medical Educators (ADME)
2021-23 Co-Coordinator, AME Faculty Development for Medical Educator
2009-Present Professor, Clinical and Translational Science Institute (Secondary Appointment)
2009-Present Director, Institute to Enhance Palliative Care
2010-Present Chief Medical Officer, Palliative and Supportive Institute
UPMC Health System
2013-Present Associate Faculty Member of CRISMA and Critical Care Medicine Ethics
and Decision-Making Program
2016 Member, Center for Ethics and Policy
Carnegie Mellon University
2016 Distinguished Service Professor of Medicine
2023 Longitudinal Education Lead

CERTIFICATION AND LICENSURE

BOARD CERTIFICATION:

1986 Internal Medicine
2000 Palliative Care (ABHPM)
2005 AAHIVM HIV Specialist
2006 Renewed
2008 Hospice and Palliative Medicine (ABIM)
2018 Recertification

PROFESSIONAL MEMBERSHIPS/ACTIVITIES

Accreditation Council for Graduate Medical Education
Accreditation Appeal Committee, Hospice/Palliative Medicine 2010
Academy Health
Annual Meeting Abstract Review 2017
Albert Schweitzer Fellowship Program, Pittsburgh 2006-2016
American Association of Bioethics
Association of American Medical Colleges
Group on Educational Affairs (GEA)/Group on Student 2005, 2006, 2008
Affairs (GSA) Small Group Discussion and
Mini-Workshop Proposals Reviewer
MedEdPORTAL Project Reviewer 2006-2016
RIME Reviewer 2007-Present
GEA Small Group and Workshop Reviewer 2007-2010
American Balint Society 1998-2018

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Balint Intensive Leadership Training	1998, 1999
American Cancer Society	
Palliative Care Committee, Peer Review Committee	2006, 2007-2011
American College of Physicians	
Fellow	2008
Representative Advisory Committee for the Pain and Palliative Medicine Specialty Section Council	2008
Pain Summit	
Dynamed Commentaries	2010
American Academy of HIV Medicine	2003
American Academy on Physician and Patient (Currently American Academy on Communication in Healthcare)	
Facilitator in Training	1997-2002
Promotion to II	1999
Promotion to III	2001
Graduation to Faculty	2001
Director, Winter meeting	2003
Director, Summer National Meeting	2004
Fellow	2009
FIT Mentor, Rob Cohen	2013-
George L. Engel Award	2015
Abstract Reviewer for National Meeting	2016
Abstract for International Meeting (ICCH)	2017-2020, 2023
ENRICH steering committee	2019
American Academy of Hospice and Palliative Medicine	
National Meeting Planning Committee	1999
Chair, National Meeting	2000
Chair, Publication Committee	2001
Member, Board of Directors	2002-2007
Liaison Task Force Member, National Consensus	2002-2004
Project for Quality Palliative Care: Essential Elements and Best Practices	
Advisory Committee Member	2005
Member, College of Palliative Care	2005-2006
President-Elect	2004
President	2005
Past President	2006
Chair, Task Force for Hospital Palliative Medicine	
Education	2006
Nomination Committee	2006
National Meeting Committee	2006
Abstract Reviewer	2017-2022
Award Committee	2006
Clinical Scholars Program, Site Director	2007
HP Test Writing Committee	2007
Abstract Committee	2008-2020

Quality and Research Committee	2008
Fellow	2008
Advisor, Strategic Task Force to Support Academic Programs	2008
Educational Exchange Review Committee	2009-2012
Development Task Force	2010
Representative to AAMC's Council of Academic Societies	2010-2012
PDIA Palliative Medicine Leadership Award	2011
Visionary in Palliative Care	2013
Clinical Quality Measures Working Group	2017-2019
Technical Specifications for cCQM Workgroup	2017
Quality Committee	2020-2022
Publication Committee	2020-2022
Award for Excellence in Education and Training	2021
National Meeting Poster Judging Committee	2021
National Meeting Abstract Reviewer	2022
American Academy of HIV Medicine	
American Association of Medical Colleges	
RIME External Reviewer	2004-2006, 2008-2010
American Board of Hospice and Palliative Medicine	
Member, Board of Trustees	2001-2009
Diplomat	2002-2009
Chair, Test Writing Committee	2002-2005
American Federation of Clinical Research	
American Geriatric Society	
Legislative Affairs Committee, Pennsylvania Chapter	1992-1994
American Hospice Foundation	2000-2002
Member, End of Life Template Work Group	
American Medical Association	
EPEC Speaker List	
Virtual Mentor Project	
EPEC Trainer's Guide, Consultant	
American Medical Students Association	
American Medical Women's Association	
American Public Health Association	
American Society of Addiction Medicine	2008-2020
American Society of Bioethics and Humanities	
Secretary/Treasurer	1998
National Meeting, Chair	1999
Abstract Selection Committee	1999, 2010, 2018, 2021-2022
Member, Hospice and Palliative Care Interest Group	1998-Present
Distinguished Service Award	2000
Clinical Ethics Task Force	2001
Task Force to Educate Ethics Consultants	2003
Committee to Update the Core Competency for Ethics Consultants	2006
Program Evaluation Task Force	2010

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American Society of Law, Medicine, and Health Care	1988-2022
American Society of Nephrology	2014
American Thoracic Society	
Ad Hoc Committee on Dyspnea in Seriously Ill Patients	2008
Association for Practical and Professional Ethics	
Carol F. Reynolds Historical Society	
Duke Institute on End-of-Life Care	2001
Advisory Board	
European Association for Communication in HealthCare	
Reviewer for National meeting	2014, 2016
EPERC	2002
European Association for Palliative Care	2003-Present
Hasting Center, Fellow	2019-Present
Highland Park Community Club, Board of Directors	2004-2008
HIV Medicine Association	2000-2011
Member	
International Association of Bioethics	
International Neuropalliative Care Society	2021
International Union Against Cancer (UICC) Fellow	2002
Israeli Science Foundation, Reviewer	2005
Jewish healthcare foundation, Consumer Guide Advisory Board	2004
Last Acts Campaign	
Member, Provider Education Steering Committee	2000
Midwest Bioethics Center	1998-Present
National Academies of Science, Engineering, and Medicine	2019-2020
Roundtable of Quality Care for Patients with Serious Illness	
Workshop on Advance Care Planning	
Co-Chair	
National Fast Fact Peer Review Committee	2010-Present
National Heart, Lung, and Blood Institute	
Data Safety and Monitoring Board,	
Peripheral Arterial Disease-Pilot Study	1993
National Holocaust Museum, Science and Medicine Advisory Group	2006
National Cancer Research Institute (NCRI)	
National Academies of Sciences, Engineering, and Medicine,	
Roundtable on Quality Care for People with Serious Illness,	
Co-Chair Planning Committee	2019
National (Multiple Disease) Palliative Care Faculty	1977
National Palliative Care Research Center	
Grant Review Committee	2008-2020
Palliative Care Research Cooperative, Member	2016
Writing Subcommittee	2016
Scientific Review Committee	2017-2019
Publication Committee	2018-2022
Pallimed	
Writers	2018

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Pennsylvania Cancer Pain Initiative Board of Directors General Member	1997-2002
Pennsylvania Cardiovascular health consortium, End of Life Care Workgroup	2003
Physicians for Human Rights	
Physicians for a National Health Program	
Physicians for Social Responsibility	
Member, Philadelphia Steering Committee	1986-1988
Member, National Board of Directors	1986-1990
National Treasurer, Executive Committee	1989-1990
Member, Pittsburgh Steering Committee	1988-1991
Chair, Pittsburgh Steering Committee	1990-1991
Pittsburgh Schweitzer Fellows Program Advisory Board	1997
Promoting Excellence in End-of-Life Care Member, ICU Peer Workgroup	2000
Society for Bioethics Consultation	
Society of General Internal Medicine	1988-Present
Chair, Psychosocial/Ethics Workshop Subcommittee for National Meeting	1991, 1995, 1996
Member, Psychosocial/Humanities Workshop Subcommittee for National Meeting	1992, 2008
Member, Ethics Committee, Co-Chair	1993 1994-1995
Reviewer, Psychosocial and Humanities Abstract Committee for National Meeting	1995
Co-Chair	2003, 2006
Best Pre-Course Award, Communicating with Patients at the End-of-Life, National Meeting	1998-1999
Reviewer, Qualitative Abstract Committee for National Meeting	2000
Reviewer, Qualitative and Humanism Abstracts Committee for National Meeting	2001-2023, 2006
Reviewer, Pre-Meeting Conferences for National Meeting	2001
Second Highest Ranked Pre-Course at National Meeting Award	2000-2003
Member, Pre-Course National Meeting Sub-Committee	2003
Reviewer, National Meeting Sub-Committee Medical Ethics and Humanities Workshop Review	2006
Reviewer and Co-Chair, National Meeting, Medical Ethics and Humanities Workshops	2007
Reviewer, National Meeting, Geriatrics Abstracts	2008, 2010-2011
Reviewer, Clinical Vignette	2010, 2011
Reviewer, Medical Education and Scholarship	2013
Reviewer, Clinical Vignettes	2014
Reviewer, Workshop, Geriatrics, and End-of-Life	2017
Reviewer, Abstracts, Geriatrics, and End-of-Life	2018, 2022
Reviewer, Workshops	2020, 2022

Reviewer, Innovations in Medical Education Workshops	2021
Society for Health and Human Values	
Founder and Steering Committee Member	
Resident Interest Group	1985-1988, 1991-1994
National Program Coordinator	1988
Nominating Committee	1988
Treasurer/Secretary	1990-1992
Council Member	1989-1992
Reviewer for National Meeting	1988-1989, 1991-1992, 1996-1997, 1997-1998
President-Elect	1995-1996
President	1996-1997
Negotiating committee, Consolidation with American Association of Bioethics and Society Bioethics Consultation	1995-1997
Society for Clinical and Translational Science	2009-Present
Supportive and Palliative Care (SuPaC) Research Collaboratives	
UK Reviewer	2005
Thrombolysis and Counterpulsation to Improve Cardiogenic Shock Survival (TACTIC)	
Data Safety and Monitoring Board	1996-2000
UMKC School of Medicine	
Ad Hoc Endowed Chair Strategic Assessment Committee	2004
UNOS	
Region 2, Ethics Committee Member	1998-2001
Up-To-Date, Section Editor, Palliative Care – General Principles	2012-2015
Co-Editor-in-Chief for Palliative Care	2106
Values, Ethics & Rationing In Critical Care (VERICC) Task Force	2003
Vital Talk	2012
Co-Founder	2012
Secretary	2012-2019
Chair	2021
Western Pennsylvania End-of-Life Coalition	2001
Advisory Board Member	

REVIEWER:

Academic Psychiatry
Expert Review of Anticancer Therapy
American College of Cardiology, Essentials of Cardiovascular Care in Older Adults
 Curriculum (Palliative Care)
American J of Bioethics
American Journal of Hospital Pharmacy
American Journal of Medicine

American Journal of Transplantation
Annals of Family Medicine
Annals of Internal Medicine
(top 10% reviewers 1998, 2000, 2003, 2006, 2008;
top 25%; 1999, top 30% 2004; top 10% 2009)
Annals of Medicine
Archives of Internal Medicine/JAMA-Internal Medicine
BMC Palliative Care
Cancer Medicine
Chest
Clinical Research
Clinical Journal of the American Society of Nephrology
Critical Care Medicine
Digestive Diseases and Sciences
Hastings Center Report (Asked to Serve on Editorial Committee)
JAMA
JAMA Oncology
Johns Hopkins Advanced Studies in Medicine
Journal of Aging and Health
Journal of the American Geriatrics Society
Journal of Applied Social Psychology
Journal of Clinical Ethics
Journal of Clinical Oncology
Journal of Communication in Healthcare: Strategies, Media, and
Engagement in Global Health
Journal of Critical Care
Journal of General Internal Medicine (top 10% reviewers 1997, 2001)
Journal of Health, Politics, Policy, and Law
Journal of Hospital Medicine
Journal of Pain
Journal of Pain and Symptom Management
Journal of Palliative Medicine
Journal of Pediatrics
Journal of Urban Health
Journal of Medical Ethics
Kennedy Institute Journal of Ethics
Milbank Memorial Quarterly
New England Journal of Medicine
Oncology
Ochsner Journal
Oxford University Press
Palliative Medicine
Patient Education and Counselling
Pediatrics
Social Science and Medicine
Teaching and Learning

The Joint Commission Journal on Quality and Patient Safety
The Journal of Aging & Health
Western Journal of Medicine

GRANTS:

National Palliative Care Research Center
American Cancer Society
Macmillan Research Grants Scheme
Yorkshire Cancer Research Grants

EDITORIAL BOARD:

Journal of General Internal Medicine	1990-1994
Journal of Palliative Medicine	1997-Present
Evidence Based Reviews in Palliative Medicine	2003-Present
PC FACS	2006-Present
Associate Editor-in-Chief	2016-2019
Editor in Chief	2020-2023
Journal of Opioid Management	2008-2017
Supportive Care in Cancer (Communication Editor)	2008-Present
Annals of Palliative Medicine	2013-Present
Pain Studies and Treatment	2013-Present
Up to Date Section Editor, Palliative Care General	2013-2016
Up to Date Topic Co-Editor, Palliative Care	2016-Present
Fast Facts and Concepts	2014-Present

ABSTRACTOR:

APDIM Educational Clearinghouse	
Teaching Medical Ethics	1989-Present
Miles Annotated Bibliography of Doctor-Patient Communication-Medical Ethics	1992
Faculty Opinions (Facultyopinions.com)	2019-Present

GUIDELINE DEVELOPMENT:

Advisor for Medical Ethics Section, Federated Council of Internal Medicine Task Force, Graduate Education in Internal Medicine: A Resource Document http://www.acponline.org/fcim/	1996, 2000
Advisor for Palliative Care Section, Federated Council of Internal Medicine Task Force, Graduate Education in Internal Medicine: A Resource Document	2000

HONORS

1976-1983	University Scholar
1980	Phi Kappa Phi
1981	Omega Delta Kappa
1983	Vice Chancellor Award for Outstanding Community Service
1983	Mosby Book Award
1985	Outstanding Young Man in America
1988	AMSA "Medicine's Rising Stars"
1992	2000 Notable American Men
1992	Men of Achievement
1992	Who's Who Among Young Americans
1995	Alpha Omega Alpha (AOA) Faculty inductee
1996	Who's Who in Medicine and Healthcare
1998	University of Missouri-Kansas City Alumni Achievement Award, Arts and Sciences
1999-2001	Who's Who in the World
2000	ASBH Distinguished Service Award
2003	University of Missouri-Kansas City Medical School Alumni Achievement Award, Taking Wing
2003	Guide to America's Top Physicians
2004	Parkway High School Alumni Hall of Fame
2005	Who's Who in Medical Sciences Education
2006-2020	Best Doctors in America
2006-2007	Who's Who in Medicine and healthcare
2008	AAHPM and Journal of Palliative Medicine, Pioneers in Palliative Care
2008	University of Missouri-Kansas City Alumni of the Year
2009, 2014	Global Who's Who in Medical Sciences
2010	University of Pittsburgh William I. Cohen Award, Given for Excellence in Clinical Skills Instruction
2010	Strathmore's Who's Who Registry and Global Network for Outstanding Professionals
2010-2023	<i>Pittsburgh Magazine</i> Castle Connolly Top Doctors
2010	University of Pittsburgh Golden Apple Nomination
2011	Who's Who of World Class Business Leaders
2011	AAHPM Project on Death in America (PDIA) Palliative Medicine National Leadership Award
2012	<i>US News and World Report</i> Top 1% of Doctors
2013	AAHPM Lifetime Achievement Award
2014	AAHPM Visionary in Palliative Care Award
2015	University of Pittsburgh, ICRE Distinguished Research Mentor Award

2015	American Academy of Healthcare Communication George L Engel Award
2016	Pittsburgh Business Times Health Care Heroes
2016	Patricia Price Browne Prize in Biomedical Ethics
2017, 2018	Who's Who in the World
2018	Association of Specialty Professor Eric Neilson Award
2018	Albert Nelson Marquis Lifetime Achievement Award
2019	Who's Who in the World
2019	Hasting Center, Fellow
2020	UPMC Wolff Center Physician Excellence Award – Excellence in Leadership

PUBLICATIONS

<https://www.ncbi.nlm.nih.gov/sites/myncbi/1juL2mjgY8eA5/bibliography/53005570/public/?sort=date&direction=ascending>

https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=AJsN-F7kYwhmpeZVJzZ3NfHY15flwUGTtwVgj4E-mu2oCI4aJa6UEc8ZBdBZKD7JK-bxJ25IH9DXC_fR_J1Nc-9AIgJ9Kfl9aQ_kUPvGxQ3Tx47HnT9B59NY&user=xG1UksAAAAAJ

REFEREED ARTICLES:

1. Thompson M, **Arnold RM**, Bogart M, et al. Symptomatic upper extremity venous thrombosis associated with permanent transvenous pacemaker: A case report of two cases successfully treated with thrombolytic agents. *Chest* 1983 Feb; 83(2):274-5. PMID: 6822114.
2. **Arnold RM**, Povar GJ, Howell JD. The humanities, humanistic behavior, and the humane physician. *Ann Intern Med* 1987 Feb; 106(2):313-8. Erratum in: *Ann Intern Med* 1987 May;106(5):784. PMID: 3800189.
3. **Arnold RM**, Nissen JC, Campbell NA. Ethical issues in a drug information center. *Drug Intell and Clin Pharm* 1987 Dec;21(12):1008-11. PMID: 3428152.
4. **Arnold RM**, Forrow L, Wartman S, et al. Teaching clinical medical ethics: a model programme for primary care residency. *J Med Ethics* 1988 Jun; 14(2):91-96. PMID: 3392724 PMCID: PMC1375562.
5. Martin SC, **Arnold RM**, Parker R. Careers of women physicians: Choices and constraints. *West J Med* 1988 Dec; 149(6):758-60. PMID: 3074577 PMCID: PMC1026633.
Reprinted in Brown P. Perspectives in Medical Sociology. Waveland Press, 2nd, 1996.
6. Forrow L, **Arnold RM**. Abstracting nonquantitative data. *Journal of general internal medicine*. 1989; 4(3):267. PubMed [journal] PMID: 2775353.

7. **Arnold RM**, Martin SC, Parker RM. Taking care of patients: Does it matter when the doctor is a woman? *West J Med* 1988 Dec; 149(6):729-33. Review. PMID: 3074572
PMCID: PMC1026627.
8. Martin SC, **Arnold RM**, Parker RM. Gender and medical socialization. *J Health Soc Behav* 1988 Dec;29(4):333-43. PMID: 3253324 PMCID: PMC1026633.
Reprinted in Cockeran WK. *The Sociology of Medicine*. Edward Elger Publishing LTD.
9. **Arnold RM**, Nissen JC, Haupt B. "What's a pharmacist to do?" *Hastings Cent Rep* 1989; 19:38-40. PMID: 2722483.
10. Frader J, **Arnold RM**, Coulehan J, et al. The evaluation of clinical ethics teaching at the University of Pittsburgh Health Center. *Acad Med* 1989; 64:717-21.
11. Novack DH, Deterline BJ, **Arnold RM**, et al. Physicians' attitudes toward using deception to resolve difficult ethical problems. *JAMA* 1989; 261:2980-85. PMID: 2716130.
12. Fleetwood S, **Arnold RM**, Baron RJ. Giving answers or raising questions: The problematic role of institutional ethics committees. *J Med Ethics* 1989 Sep; 15(3):137-42. PMID: 2795627 PMCID: PMC1375804.
13. Mandelbrot DA, Smyth WR, Norman SA, Martin SC, **Arnold RM**, et al. A survey of exposures, practices and recommendations of surgeons in the case of patients with human immunodeficiency virus. *Surg Gynecol Obstet* 1990 Aug; 171(2):99-106. PMID: 2382201.
14. **Arnold RM**, Landau C, Nissen JC, et al. The role of partners in selecting a residency. *Acad Med* 1990 Mar; 65:211-215. PMID: 2407262.
15. Parker LS, **Arnold RM**, Meisel A, et al. Ethical factors in the allocation of experimental medical therapies: The chronic left ventricular assist system. *Clin Res* 1990 Oct; 38(3):537-44. (Winner Nellie Wasserman Award 1990.) PMID: 2279367.
16. **Arnold RM**, Forrow L. Rewarding medicine: Good doctors and good behavior. *Ann Intern Med* 1990 Nov 15; 113(10):794-98. Review. PMID: 2240883.
17. Annas GJ, **Arnold RM**, Aroskar M, Batten M, et al. Bioethics' statement on the US Supreme Court Cruzan Decision. *N Engl J Med* 1990; 323:686-87. PMID: 2385279.
18. Forrow L, **Arnold RM**, Frader J. Teaching clinical ethics in the residency years: Preparing competent professionals. *J Med Philos* 1991 Feb;16(1):93-112. Review. PMID: 2010723
19. Forrow L, Taylor WC, **Arnold RM**. Absolutely relative: How research results are summarized can affect treatment decisions. *Am J Med* 1992 Feb; 92(2):121-4. PMID: 1543193.
20. Adams J, **Arnold RM**, Siminoff LA, et al. Ethical conflicts in the prehospital setting. *Ann Emerg Med* 1992; 21(10):1259-65. PMID:1416311.

21. Goold SD, **Arnold RM**, Siminoff LA. Discussions about limiting treatment in a geriatric clinic. *J Am Ger Soc* 1993 Mar; 41(3):277-81. PMID: 8440851.
 22. Forrow L, **Arnold RM**, Parker LS. Preventative ethics: Expanding the horizons of clinical ethics. *J Clin Ethics* 1993; 4(4):287-94. PMID: 7803823.
 23. Pearlman RA, Miles SH, **Arnold RM**. Contributions of empirical research to medical ethics. *Theor Med* 1993 Sep; 14(3):197-210. PMID: 8259527.
 24. Baldecos A, **Arnold RM**. Gathering information and casuistic analysis. *J Clin Ethics* 1993 Fall; 4(3):241-45. PMID: 8219310.
 25. Youngner SJ, **Arnold RM**. Ethical, psychosocial and public policy implications of procuring organs from non-heart-beating cadaver donors. *JAMA* 1993 Jun 2; 269(21):2769-74. PMID: 8492404.
 26. Siminoff LA, **Arnold RM**, Virnig B, Caplan A. Can we ever solve the shortage problem? American public and organ, tissue, and corneal procurement from cadaver sources. *J Trans Coor* 1993; 3(2):51-59.
 27. Levy MA, **Arnold RM**, Fine MJ, Kapoor WN. Professional courtesy: Current practices and attitudes. *N Engl J Med* 1993 Nov 25; 329(22):1627-31. PMID: 7695662.
 28. Lidz CW, **Arnold RM**. Rethinking autonomy in long-term care. *Univ Miami Law Rev* 1993 Jan; 47(3):603-23. PMID: 16617520.
 29. Ubel PA, **Arnold RM**, Caplan AL. Rationing failure: The ethical lessons of the retransplantation of scarce, vital organs. *JAMA* 1993 Nov 24; 270(20):2469-74. PMID: 8230624.
- Reprinted** in Pence, G. (ed) *Classical Works in Medical Ethics: Core Philosophical Readings*, New York: McGraw Hill 1997.
- Reprinted** in Caplan AL, Coelho DH. The Ethics of Organ Transplants: The Current Debate. Prometheus Books, 1999.
30. Lidz CW, Mulvey EP, **Arnold RM**, Bennett NS, Kirsch BL. Coercive interactions in a psychiatric emergency room. *Behav Sci & Law* 1993; 3:269-80.
 31. Hoge SK, Lidz CW, Mulvey EP, Roth LH, Bennett NS, Siminoff LA, **Arnold RM**, Monahan J. Patient, family, and staff perceptions of coercion in mental hospital admission: An exploratory study. *Behav Sci & Law* 1993; 3:281-94. PMID: 10150231.
 32. Ubel PA, **Arnold RM**. The euthanasia debate and empirical evidence: separating burdens to others from one's own quality of life. *J Clin Ethics* 1994 Summer; 5(2):155-8. PMID: 7919490.
 33. **Arnold RM**. Should competent patients or their families be notified before HECs review the patient's case? *HEC Forum* 1994 Jul; 6(4):257-9. PMID: 10137307.

Reprinted in Spicker, Stuart F (ed), *The healthcare ethics committee experience: Selected readings from HEC Forum*. New York: Krieger Publishing Company. 1998.

34. Kuczewski MG, Wicclair MR, **Arnold RM** and Pinkus RL. Make my case: Ethics teaching and case presentations. *J Clin Ethics* 1994 Winter; 5(4):310-5. PMID:7749176.
35. Siminoff LA, **Arnold RM**, and Miller DS. Differences in the procurement of organs and tissues by health care professionals. *Clin Transp* 1994; 8:460-465. PMID: 7819612.
36. Ubel P, Zell MM, Miller DJ, Fischer GS, Peters-Stefani D, **Arnold RM**. Elevator talk: Observational study of inappropriate comments in a public space. *Am J of Med* 1995 Aug; 99(2):190-94. PMID: 7625424.
37. Boehnlein JK, Parker RM, **Arnold RM**, Bosk CF and Sparr LF. Medical ethics, cultural values, and physician participation in lethal injections. *Bull Am Acad. Psych Law* 1995; 23(1):129-134. PMID: 7599365.
38. Ubel P, **Arnold RM**. The unbearable rightness of bedside rationing: Physician duties in a climate of cost containment. *Arch Int Med* 1995 Sep 25; 155(17):1837-42. PMID: 7677549.

Reprinted in Glaser JW, Hamel RP. *Three Realms of Managed Care*. Sheed and Ward. 1999.

39. Fox E, **Arnold RM**, Brody B. Medical ethics education: past, present, and future. *Acad Med* 1995 Sep; 70(9):761-69. PMID: 7669152.
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REVIEWS, INVITED PUBLISHED PAPERS, PROCEEDINGS OF CONFERENCE AND SYMPOSIA, MONOGRAPHS, AND BOOK CHAPTERS:

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154. Barnato AE, Sperlazza CL, Tate JA, Rodriguez KL, **Arnold RM**. Provider and Organizational Norms of Care: A Study of Two Hospitals at the Extremes of End-of-life Treatment Intensity. Society for Medical Decision Making. Los Angeles, 2009. (Poster).

155. Morgan P, Strand J, Alexander S, Pollack K, **Arnold RM**, Tulsy J, Jeffreys A, Olsen M, Abernathy A, Manusov J. Comparison of attitudes among oncologists, nurses and physician assistants about emotion. National Physician Assistant Program, 2009. (Poster).
156. **Arnold RM**, Schwartz C, Fromme E. Working with Patients and Families Who Want “Everything” Society for General Internal Medicine National meeting. 2009. (Workshop presentation).
157. Childers JC, Wood G, McNeil M, **Arnold**. “Pain Theater.” Society for General Internal Medicine National meeting. 2009. (Workshop presentation).
158. Childers JC, Wood G, McNeil M, **Arnold**. “Pain Theater.” Association of Program directors of Internal Medicine. 2009. (Workshop presentation).
159. Fromme E, **Arnold RM**, (with various other presenters). Update in Palliative Care. Society for General Internal Medicine National meeting. 2006-2009. (Workshop presentation).
160. Wood G, Childers JC, McNeil M, **Arnold**. “Pain Theater.” American Academy of hospice and palliative medicine. 2010 AAHPM/HPNA Interactive Educational Exchange National Meeting, 2009. (Workshop presentation).
161. Boss R, Donohoe, P, Roter D, Larson S, **Arnold RM**. Doctor, what do you think I should do? 2010 Pediatric Bioethics Conference. Seattle, WA. (Oral Presentation).
162. Clayton JM, Adler JL, O’Callaghan A, Martin P, Hynson J, Butow PN, Powerll PN, **Arnold RM**, Tulsy JM, Back AL. Communication a key skill for palliative medicine fellow: Development and evaluation of an Australian training module. ANZSPM 2011.
163. Wilkie L, Bogen D, Ploof D, Choi S, **Arnold RM**. The ERReD study: Error recognition, reporting and disclosure. 2010 Leo Creip Symposium on Doctor-Patient Communication. Pittsburgh, PA. (Presentation).
164. **Arnold RM**, Back AL, Emler LL, Barnato, AE, Weinstein E, Nelson JE. A Communication Course for Intensive Care Unit Fellows. *Medical Encounter*. 2010; 24 (3): 189. American Academy of Communication in HealthCare 2010 National Meeting. Phoenix AZ. (Presentation).
165. Alexander SC, Morgan P, Strand J, Pollak KI, Abernathy A, Jeffreys A, Olsen M, **Arnold RM**, Rodriguez KL, Garrigeues SK, Manusov JRE, Tulsy RA. How do non-physician clinicians respond to cancer patient’s expressed emotions? *Medical Encounter*. 2010; 24 (3): 223. American Academy of Communication in HealthCare 2010, National Meeting. Phoenix AZ. (Poster).
166. **Arnold RM**. Tulsy JA, Back AL. Teaching communication skills in real time: The role of interventions. *Medical Encounter*. 2010; 24 (3): 226. American Academy of Communication in HealthCare 2010 National Meeting. Phoenix AZ. (Workshop presentation).

presentation).

167. Lesnock JL, **Arnold R**, Meyn LA, Buss MK, Quimper M, Krivak TC, Edwards RP, Chang JC. Palliative Care Education in Gynecologic Oncology: A Survey of the Fellows Society of Gynecologic Oncologists 2011 Annual Meeting, Orlando, FL March 6-9, 2011.
168. Patterson PD, Weaver MD, Weaver S, Rosen M, Todorova G, Weingart L, Krackhardt D, Lave J, **Arnold R**, Yealy DM, Salas E. [Abstract #77] Emergency Medical Technician perceptions of teamwork and conflict with familiar and unfamiliar partners. *Prehospital Emergency Care*, 2011; 15(1):123. PMID: 21091331.
169. Uy J, White D, **Arnold RM**, Barnato A. Physicians' Role in Decision Making about Life Support for an Acutely Unstable Critically Ill Elder with End-Stage Cancer. American Thoracic Society Meeting. 2011. (Poster presentation).
170. Spagnoletti C, Bui T, Fischer G, Gonzaga A, Rubio D, **Arnold R**. Implementation and Evaluation of a Web-Based Communication Skills Learning Tool for Training Interns in Patient-Doctor Communication. UPMC/University of Pittsburgh 2011, GME Leadership Conference. February 25, 2011. (Oral presentation).
171. Fischer GS, **Arnold RM**. Feasibility of a Brief Workshop on Palliative Care Communication Skills for Medical Interns. UPMC/University of Pittsburgh 2011 GME Leadership Conference. February 25, 2011. (Poster presentation).
172. Chang JC, Alexander S, Holland CL, **Arnold RM**, Tulsy J, Pollak K. "Smoking is bad for babies:" Examining Smoking Cessation Communication Among Obstetric Care Providers. American Public Health Association, National Meeting, 2011. (Oral presentation).
173. Chang JC, Holland CL, Schwab M, Dado D, Kraemer K, Rubio D, Rodriguez K, Day N, **Arnold RM**. Asking about Past Drug Use Among Pregnant Patients. American Public Health Association, National Meeting, 2011 (Poster).
174. Chang JC, Holland CL, Schwab M, Dado D, Kraemer K, Rubio D, Rodriguez K, Day N, **Arnold RM**. Obstetric care providers' screening for illicit drug use during pregnancy. American Public Health Association, National Meeting, 2011. (Oral presentation).
175. Cohen L, Ganzini L, Goldstein N, Arons S, Goy E, **Arnold RM**. Joking About Dr. Death: A Psychological Perspective of Murder and Euthanasia Accusations Leveled at Palliative Care Physicians. American Academy of Psychosomatic Medicine. 2011.
176. Halpern SD, Volpp K, Lowenstein G, Cooney E, Silva T, **Arnold RM**, Angus DC, Bryce CL. A randomized trial of default options in advance directives for patients with terminal lung diseases. *Society Medical Decision Making*. 2011. (Oral presentation).
177. Chang JC, Holland CL, Schwab M, Rodriguez K, Kraemer K, Rubio D, Day N, **Arnold R**. Discrepancy between computer and in-person disclosure of substance use during first

- obstetric visits. Submitted for oral presentation to International Conference on Communication in Healthcare Annual Meeting, Chicago IL. October 2011.
178. Claxton R, **Arnold RM**. Learning to Learn: The Practical Application of Learning Theory. American Academy of Hospice and Palliative Medicine National Meeting. Denver March 2012. (Workshop).
 179. Childers JW, Pollak K, **Arnold RM**. Communication as a Dance: What Palliative Care Providers Can Learn From Motivational Interviewing. American Academy of Hospice and Palliative Medicine National Meeting. Denver March 2012. (Workshop).
 180. Bicket K, Jackson V, Sachs G, Meier D, **Arnold RM**. Models And Approaches to Developing Integrated Palliative Care Systems. American Academy of Hospice and Palliative Medicine National Meeting, Denver March 2012. (Workshop).
 181. Chang JC, Holland CL, Schwab MK, Rodriguez KL, Kraemer K, Rubio D, Day N, **Arnold RM**. "Discrepancy between computer and in-person disclosure of substance use during first obstetric visits." Accepted for oral presentation 2011 International Conference on Communication in Healthcare, Chicago, IL. (Oral presentation).
 182. Chang JC, Dado D, Hawker L, Cluss PA, Frankel R, Holland CL, Schwab MK, **Arnold RA**. How Obstetric Care Providers Ask Their Pregnant Patients about Intimate Partner Violence. Accepted for oral presentation at the National Conference on Health and Domestic Violence, March 2012 San Francisco.
 183. Adler JL, O'Callaghan A, Clayton JM, Butow PN, **Arnold RM**, Tulsy JA, Back AL. Communication down-under: Developing a sustainable communication course for Palliative Medicine. Accepted for oral presentation 2011, International Conference on Communication in Healthcare, Chicago, IL. (Oral presentation).
 184. Hall DE, Hanusa B, Fine MK, **Arnold RM**. Telling the truth: Do the VA's procedure-specific informed consent specify the amount of information actually discussed between surgeons and patients. VA HRSD National Meeting. 2012.
 185. Zickmund SL, Hanusa BH, Obrosky DS, Chapko MK, Bayliss NK, Switzer GE, Sevick MA, Zook CL, Mrvka AJ, **Arnold RM**. Racial disparities in the initiation of hepatitis C antiviral treatment. VA HRSD National Meeting. 2012.
 186. Schuster R, **Arnold RM**, White D. Prevalence and associated factors with clinician surrogate conflict in the ICU. ATS International Conference 2012. (Poster).
 187. Barnato A, **Arnold RM**, Loewenstein G. The effect of emotion and physician communication behaviors on surrogates' life sustaining treatment decisions: A randomized trial. Society of Medical Decision-Making, 2012. (Oral presentation).
 188. Song MK, **Arnold RM**. Physician communication during decision-making to start dialysis:

- Patient's perspective. American Society of Nephrology, 2012. (Oral presentation).
189. Boss RD, Donohue PK, Roter DL, Larson SM, Arnold RM. "This is a decision you have to make:" Using simulation to study prenatal counseling. *Simulation in healthcare. Journal of the Society for Simulation in Healthcare.* 2012; 7(4):207-12. PubMed [journal] PMID: 22569285.
 190. Schenker Y, White DB, Crowley-Matoka M, Dohan D, Tiver GA, **Arnold RM**. It hurts to know . . . and it helps: exploring how surrogates in the ICU cope with prognostic information. (In press, *Journal of Palliative Medicine*; Oral Presentation, American Association of Hospice and Palliative Medicine and Hospice and Palliative Nurses Association Annual Assembly in New Orleans, 2013).
 191. Hall DE, Morrison P, Nikolajski C, **Arnold RM**, Fine M, Zickmund S. Informed Consent to Inguinal Herniorrhaphy And Cholecystectomy: Differences Between What Surgeons Say They Discuss And What They Actually Do Discuss. 8th Annual Academic Surgical Congress. February 5-7, 2013 (Oral presentation).
 192. Maciasz R, **Arnold RM**, Chu E, Schechter Y. Does It Matter What You Call It? A Randomized Trial of Language Used To Describe Palliative Care Services. Annual Assembly of the American Academy of Hospice and Palliative Medicine and Hospice and Palliative Nurses Association. New Orleans.2013 (Oral presentation).
 193. Scheunemann L, **Arnold RM**, White D. How well do physicians assist family members with the role of surrogate decision maker? An empiric analysis American Thoracic Society National Meeting. 2013. Philadelphia (Oral presentation).
 194. Phillips J, Dado DL, Frankel R, Arnoldr RM, Miller E, Chan, JC. "So are you safe from this guy?" Physician response to patient disclosure of intimate partner violence. 2013. ACP Western Regional Competition. Pittsburgh PA Nov. 2013.
 195. Song MK, Lin FC, Gilet CA, Arnold RM, Bridgman JC, Ward SE. Patient perspectives on informed decision-making surrounding dialysis initiation. *Nephrology, dialysis, transplantation: official publication of the European Dialysis and Transplant Association - European Renal Association.* 2013; 28(11):2815-23. PubMed [journal] PMID: 23901048, PMCID: PMC381105.
 196. Hall DE, Hanusa B, Fine M, **Arnold RM**. Documents and Discussions: Do the VA's procedure-specific informed consent documents specify the information actually discussed between surgeons and patients? 9th Annual Academic Surgical Congress. Oral Presentation. Feb 2014.
 197. Croom A., Stollings S., Bovbjerg D, **Arnold R.** (2014). A Role for Behavioral Medicine on Palliative Care Consult Services: A Case Study of Services Provided at One Institution.

Poster to be presented at the annual meeting of the Society of Behavioral Medicine (SBM), Philadelphia, PA.

198. Chiarchiaro J, Buddadhumaruk P, **Arnold RM**, White DB. Prognosis In The Intensive Care Unit: Does Surrogates' Satisfaction With Communication About Prognosis Predict More Accurate Expectations About Prognosis? 2014 National American Thoracic Society meeting. San Diego (Poster).
199. Hall DE, Hanusa B, Fine M, **Arnold RM**. The time required for IRB review at one VA Medical Center. Association of VA Surgery 2014 National Meeting. New Haven. Oral Meeting.
200. Nunez E, Schenker Y, Reynolds C, Dew MA, **Arnold R**, Barnato A. Acutely-bereaved Surrogates' Reflections on the Decision to Limit Life Support in the ICU. 2014 American Geriatric Society National Meeting. Poster .
201. Merriam SB, **Arnold RM**, Spagnoletti. Assessing long term outcomes of a teaching communication skills course for fellows and faculty. National SGIM course. San Diego. 2014. Poster.
202. Scheunemann L, Cunningham T, **Arnold RM**. Buddadhumaruk P, White, D. The significance of both educating surrogates and eliciting patients' preferences and values in ICU decision-making. Fink Scholar Day. 2014 (Poster).
203. Mor MK, Sevick MA, Shields AM, Green JA, Palevsky PM, Arnold RM, Fine MJ, Weisbord SD. Sexual function, activity, and satisfaction among women receiving maintenance hemodialysis. Clinical journal of the American Society of Nephrology: CJASN. 2014; 9(1):128-34. PubMed [journal] PMID: 24357510, PMCID: PMC3878703.
204. Chiarchiaro J, Buddadhumaruk P, **Arnold RM**, White, D. Prognosis in The Intensive Care Unit: Does Satisfaction with Prognostic Communication Reflect Understanding? Fink Scholar Day. 2014 (Poster).
205. Rogal SS, Youk AO, Chapko MK, Hanusa BH, **Arnold RM**, Switzer GE, Sevick MA, Bayliss NK, Zook CL, Obrosky DS, Zickmund. Factors associated with Hepatitis C Treatment Eligibility. AALD. 2015 (Poster).
206. LeBlanc, TW, O'Donnell JD, Crowley-Makota M, Dohan P, Robaw M, Smith B, White DB, Tiver GA, **Arnold RM**, Schenker Y. Perceptions of palliative care among hematologic malignancy specialists: A mixed methods Study. Palliative Care in Oncology Symposium. Chicago. 2015 (Poster).
207. Tarr JA, Holland CL, Ayair N, Burke A, Rubio D, Kraemer K, Day N, **Arnold RM**, Rodriguez KL, Chang JC. Women's belief about marijuana use during pregnancy. Survey

- results from Colorado and Pennsylvania. Amersas 38th Annual National Conference. San Francisco, 2014 (Poster).
208. Chang JC, Tarr JA, Holland CL, Rodriguez KL, Sheeder J, Kraemer K, Day N, **Arnold RM**. “Everybody says weed is good for the baby”: Beliefs and attitudes regarding marijuana use from the perspective of pregnant women who report continued use. Amersa 38th Annual National Conference, San Francisco, CA. 2014 (Oral presentation).
 209. Chang JC, Tarr JA, Holland CL, Rodriguez KL, Sheeder J, Kraemer K, Day N, **Arnold RM**. “All Talk, No interaction?” – Differing communication styles among obstetric providers. AACH Annual National Conference. 2014 (Oral presentation).
 210. Schenker Y, White DB, Rosenzweig M, Chu E, **Arnold RM**. Care management by oncology nurses to address palliative care needs: A pilot trial to assess feasibility, acceptability and perceived effectiveness of the CONNECT intervention. Annual Assembly of American Academy of Hospice and Palliative Medicine & Hospice and Palliative Nurses Association. Philadelphia, PA, 2015. Oral presentation and abstract publication.
 211. Boss R, Geller G, Donahue P, **Arnold RM**. Decision-Making Consensus in the NICU: What does parent-clinician collaboration actually look like? Annual Assembly of American Academy of Hospice and Palliative Medicine & Hospice and Palliative Nurses Association. Philadelphia, PA, 2015. Oral presentation and abstract publication.
 212. LeBlanc TW, O'Donnell JD, White DB, **Arnold RM**, Schenker Y. “Perceptions of palliative care among hematologic malignancy specialists: a mixed-methods study.” Accepted for oral paper presentation at the AAHPM Annual Assembly, February 2015, Philadelphia, PA (Abstract #13888).
 213. Chiarchiaro J, Ernecoff NC, Buddadhuaruk P, Rak K, **Arnold RM**, White DB. Stakeholders’ Perspectives on the Design and Potential Utility of a Web-Based, Interactive Advance Care Planning Tool for Advanced Lung Disease. American Thoracic Society National Meeting 2015 (Poster).
 214. Chiarchiaro J, Buddadhumaruk P, **Arnold RM**, White DB. Prior Advance Care Planning is Associated with Less Decisional Conflict in Surrogate Decision Makers for the Critically Ill. American Thoracic Society National Meeting 2015 (Poster).
 215. Chiarchiaro J, Ernecoff NC, Buddadhumaruk P, Schuster RA, **Arnold RM**, White DB. Conflict Management Strategies in the ICU Differ Between Palliative Care and Non-Palliative Care Clinicians. American Thoracic Society National Meeting 2015 (Poster).
 216. Scheunemann LP, Ernecoff NC, Buddadhumaruk P, **Arnold RM**, White DB. Values Talk in ICUs: A Quantitative, Multi-Center Analysis of Prevalence and Predictors of Clinician-Family Communication about Incapacitated Patients’ Values and Preferences. Proc Am Thoracic Soc 2015; C-94 (Oral Presentation).

217. Scheunemann LP, Marzukewicz LM, **Arnold RM**, White DB. Developing and User-Testing a Simulation to Study How ICU Physicians Elicit and Integrate Incapacitated Patients' Values During Surrogate Decision-Making About Goals of Care. Proc Am Thoracic Soc 2015; C-16 (Oral Presentation).
218. Hall DE, Hanusa B, Fine M, **Arnold RM**. Describing the quality of review at 10 Institutional Review Boards (IRBs) in the Veterans Health Administration (VHA). American Society of Bioethics and Humanities. 2015 (Oral Presentation).
219. Kavalieratos D, Corbelli J, Ernecoff N, **Arnold RM**, Schenker Y. Identifying the Impact of Palliative Care Interventions: A Systematic Review. Platform presentation at the American Academy of Hospice and Palliative Medicine Annual Assembly. Chicago, IL: 12 Mar 2016.
220. Johnson E, Fink E, Watson RS, **Arnold RM**, Thompson A, Hamilton. Evaluation of a simulation-based communication course for pediatric critical care medicine fellows. SCCM Congress. 2015 (Oral Presentation).
221. Hall DE, Feske U, Gao, S, Stone, R, Zhang, S, **Arnold, R**. The time required to review research protocols at 10 IRBs in the Veterans Health Administration. 11th Annual Academic Surgical Congress, February 2-4, 2016, Jacksonville, FL. (Oral Presentation).
222. Seaman JB, Arnold RM, Nilsen ML, Argenas A, Shields A-M & White DB. Barriers and Facilitators to the Conduct of Interdisciplinary Family Meetings in the ICU: Preliminary Findings from a Qualitative Exploration. American Thoracic Society, 2015. San Francisco, CA.
223. Chiarchiaro J, Yeung JM, Myers BA, **Arnold RM**, White DB. Usability Testing of an Online Advance Care Planning Tool for Advanced Lung Disease. Poster presented at: American Thoracic Society International Meeting 2016 May 15. San Francisco, CA.
224. Scheunemann LP, Rajagopal PS, **Arnold RM**, White DB. What is Palliative Care's Secret Ingredient? How Intensivists and Palliative Care Physicians Navigate Communication with Surrogates About a Patient's Values and Preferences in High-Fidelity Simulation. American Thoracic Society Annual Meeting 2016. (Oral Presentation).
225. Judy C. Chang, MD, MPH; Jill A. Tarr, MSW; Cynthia L. Holland, MPH; Keri L. Rodriguez, PhD.; Kevin L. Kraemer, MD; Nancy Day, PhD; Doris Rubio, PhD; **Robert M. Arnold, MD** Descriptions of Marijuana Use Before, During and After Pregnancy from Qualitative Interviews with Pregnant Women Using Marijuana 2016 AMERSA National Conference, Washington DC, November 3-5, 2016. (Oral presentation).
226. Schenker Y, Rabow M, Crowley-Matoka M, Waters MM, Nkumsah M, White DB, Chu E, Smith CB, **Arnold RM**. Organizational factors influencing specialty palliative care utilization at academic cancer centers. Poster abstract presentation at the ASCO Palliative Care in Oncology Symposium. San Francisco, CA. 9 Sept 2016.

227. Schenker Y, Bahary N, Claxton R, Childers J, Kavalieratos D, King L, Lembersky B, Park SY, Tiver GA, **Arnold RM**. A pilot trial of early specialty palliative care for patients with advanced pancreatic cancer: challenges encountered and lessons learned. Poster abstract presentation at the ASCO Palliative Care in Oncology Symposium. San Francisco, CA. Sept 2016.
228. Koczo A, Pruskowski JA, **Arnold RM**. A Painful Dilemma: Synercid Induced Myalgias. Poster at AAHPM. Phoenix AZ Feb 2017.
229. Seaman J, **Arnold RM**, Nilsen ML, Rak K, Argenas A, Shields AM, White D. An Inductive Approach to Survey Development: Using Qualitative Findings in the Creation of a Survey to Assess Barriers, Facilitators and Current Care Processes Related to the Conduct of Interdisciplinary Family Meetings Post. 2017 American Thoracic Society International meeting.
230. Walter J, Schall T, DeWitt A, **Arnold RM**, Feudtner C. 'If I could just chime in here': Communication patterns of interprofessional teams in the pediatric cardiac intensive care unit. Poster at American Academy of Pediatrics. 2017. Chicago, IL.
231. Walter J, Schall T, DeWitt A, **Arnold RM**, Feudtner C. Interprofessional team meetings in the pediatric cardiac intensive care unit. Poster at American Academy of Pediatrics. 2017. Chicago, IL.
232. Tessier R, Pilewski JM, Tycon LE, Richless C, Jeong K, Yabes J, Arnold RM, Hoydich ZP, Kavalieratos D. Discordance between pulmonary function and symptom burden in patients with cystic fibrosis. Oral presentation at 2017 North American Cystic Fibrosis Conference. Indianapolis, IN: November 2, 2017.
233. Obregon LL, Jeong K, Yabes J, Pilewski J, Richless C, Tycon LE, Hoydich ZP, Arnold RM, Kavalieratos D. Associations between Demographic Characteristics and Unmet Supportive Care Needs in Adults with CF. Oral presentation at the American Academy of Hospice and Palliative Medicine. March 14, 2018: Boston, MA, USA.
234. Trandel E, Pilewski J, Jeong K, Tycon LE, Tycon LE, Arnold RM, Richless C, Yabes J, Kavalieratos D. Associations between Symptom Burden and Unmet Supportive Care Needs in Adults with CF. Oral presentation at the American Academy of Hospice and Palliative Medicine. March 14, 2018: Boston, MA, USA.
235. Allen LE, Knoepke CE, Leister EC, Thompson JS, McIlvennan CK, Ambardekar AV, **Arnold RM**, Matlock DD. Stability of patient values in the face of invasive therapies for life threatening illness: Insights from the DECIDE-LVAD Trial. Oral Presentation. ISHLT. 2018. France.

236. Ikejiani DZ, Hadler R, **Arnold RM**, Bekelman D, Moreines L, Harinstein M, Kavalieratos D. Preferences for primary versus specialty palliative care among patients with heart failure. Poster presentation at American Heart Association Quality of Care and Outcomes Research annual meeting. April 6-8, 2018: Arlington, VA, USA.
237. Seaman JB, **Arnold RM**, Buddadhumaruk P, Pidroc CJ, Cohen TR, Yang J, Pyankov M, Shields A-M, Argenas A, and White DB. Survey of Barriers, Facilitators, and Care Practices Related to the Conduct of Interdisciplinary Family Meetings in the ICU. American Thoracic Society, May, 2018. San Diego, CA. (podium presentation).
238. Hoydich ZP, Harinstein ME, Rose BA, Rollman BL, Berlacher KL, **Arnold RM**, Kavalieratos, D. "Teach a Man to Fish." Clinician Perspectives on Primary Palliative Care in Heart Failure [Abstract]. *Journal of Cardiac Failure*. August 2018; 24(8):S103. <https://doi.org/10.1016/j.cardfail.2018.07.389>.
239. Rodenbach RA, Kavalieratos D, Tamber A, Tapper C, Resick J, **Arnold RM**, Childers JW. Coaching palliative care conversations: Evaluating the impact on resident preparedness and goals of care conversations. Accepted as poster presentation at: American Academy of Hospice and Palliative Medicine Annual Assembly; 2019 Mar 13-16; Orlando, FL.
240. Cook T, Childers JW, **Arnold RM**. A Palliative Care Education Needs Assessment Survey of Neurology Residents. American Academy of Neurology. Poster. National Meeting. May 2019
241. Seaman JB, **Arnold RM**, Miller E, Cohen TR, Vercelli AM, Sullivan AM, Singer SB, White DB. The development of SET-to-Meet, A nurse-led intervention to ensure timely interdisciplinary family meetings in the ICU. Poster presented at: University of Pittsburgh Department of Critical Care Medicine Mitchell P. Fink Scholar Day; April 16, 2019; Pittsburgh, PA.
242. Zimmerman CJ, Taylor LJ, Tucholka L, Brasel K, **Arnold RM**, Cooper Z, Schwarze ML. Factor that impact moral distress for surgeons caring for older adults with life limiting acute surgical conditions. American College of Surgeons. Oral Abstract. Oct 2019. San Francisco.
243. Tranel ET, Pilewski JM, Dellon EP, Jeong K, Moreines LT, **Arnold R**, Hoydich ZP, Kavalieratos D. Prevalence of Unmet Palliative Care Needs in Adults with Cystic Fibrosis. North American Cystic Fibrosis Conference. *JICR--Junior Investigators Best Abstract in Clinical Research*. Nashville, TN: Oct 2019.
244. Rodenbach R, Althouse A, Smith TJ, White DB, Chu E, Bakitas M, Schenker Y, **Arnold RM**. Relationships between worry about dying in patients with advanced cancer and their illness understanding, treatment preferences, and advance care planning. ASCO. 2020
245. Rodenbach RA, Kavalieratos D, Tamber A, Tapper C, Resick J, **Arnold RM**, Childers JW. Evaluation of Palliative Care Coaching Sessions on Resident Physicians' Knowledge,

- Preparedness, and Frequency of Goals of Care Conversations. Poster and Top Quality Improvement project AAHPM 2020 Annual Assembly. March 2020
246. Ketterer B, Childers J, **Arnold RM**. Innovative Hospice Education for Trainees. 2021 AAHPM Annual Assembly of Hospice and Palliative Care. Virtual, February 17-19, 2021.
 247. Sigler LE, Althouse AD, Thomas T, **Arnold RM**, Smith TJ, Chu E, Bakitas MA, Schenker Y The Effects of an Oncology Nurse-led, Primary Palliative Care Intervention on Illness Understanding among Patients with Advanced Cancer: A Secondary Analysis of the CONNECT Randomized Clinical Trial. Presentation type: Poster, AAHPM 2021 Annual Assembly
 248. Rodenbach R, Althouse A, Smith TJ, White DB, Chu E, Bakitas M, Schenker Y, **Arnold RM**. Relationships between worry about dying in patients with advanced cancer and their illness understanding, treatment preferences, and advance care planning. Accepted for poster presentation at the virtual 2021 American Academy of Hospice and Palliative Medicine Annual Assembly. (Virtual meeting due to the COVID-19 pandemic.)
 249. Bushunow V, Bell L, **Arnold R**, Schenker Y. Palliative Care Attitudes and Experiences among Resident Physicians at Historically Black Colleges and Universities. Presented virtually at AAHPM Annual Assembly; February 17 -19, 2021.
 250. Weill SR, Layden AJ, Forsythe R, Nabozny MJ, Leahy J, Claxton R, Callahan M, Soodalter J, Zelenski A, Zimmermann C, Childers J, **Arnold R**, Hall DE. Leveraging VitalTalk techniques to make Best Case/Worst Case training feasible at larger scale and improve surgeon confidence in shared decision-making. *Association of VA Surgeons Annual Meeting*. April 25-26, 2021 (Virtual).
 251. Weill SR, Layden AJ, Forsythe R, Nabozny MJ, Leahy J, Claxton R, Callahan M, Soodalter J, Zelenski A, Zimmermann C, Childers J, **Arnold R**, Hall DE. Leveraging VitalTalk techniques to make Best Case/Worst Case training feasible at larger scale and improve surgeon confidence in shared decision-making. Accepted for oral presentation at the *19th Annual Department of Medicine Research Day 2021, University of Pittsburgh*. April 27, 2021 (Virtual).
 252. Kraevsky-Phillip K, **Arnold RM**, White D, Seaman J. Seen but not heard: An analysis of nurses involvement in interprofessional family meetings in intensive care units. American Thoracic Meeting. Oral Presentation. 2021
 253. Seaman, J.B., White, D.B., Ren, D., Vercelli, A.M., Carpenter, A.K., Cohen, T.R., Miller, E., Sullivan, A.E. & **Arnold, R.M** (May, 2021). *Feasibility, Acceptability, and Perceived Value of a Nurse-Led Intervention to Ensure Timely, Routine, Interprofessional Family Meetings in the ICU: Findings for the SET-to-Meet Pilot Trial*. American Thoracic Society Annual Meeting. Oral Presentation (virtual).

254. Cohen MG, Althouse A, Chu E, **Arnold RM**, White DB, Rosenzweig MQ, Bulls HW, Smith K, Schenker Y. *The impact of advance care planning on hope among patients with advanced cancer*. Accepted for poster presentation at American Society of Clinical Oncology Annual Meeting, 2021.
255. Chang JC, Tarr JA, Holland CL, De Genna N, Richardson G, Rodriguez KL, Sheeder J, Kraemer KL, Day N, Rubio D, Jarlenski M, **Arnold RM**. Beliefs and Attitudes Regarding Prenatal Marijuana Use: Perspectives of Pregnant Women Who Report Use. 2021 Virtual Cannabis Research Conference. 2021
256. Wolf A, Ray SA, Soghier L, Hinds P, Gordish H, **Arnold RM**. An exploration of pediatric trainee comfort n end of life communication. SCCM Critical care congress. 2022.
257. Seaman JB, Butler, RA, **Arnold, RM**, Doobay R Maloney DJ, Gautier WC, Norman MK, Dev SP & White DB. Pilot study of a scalable web-and videoconference-based training platform to improve ICU nurses' serious illness communication skills. Poster presented at: 2022 American Thoracic Society International Conference, 2022; San Francisco, CA.
258. Rosenblum RE, Ormond E, Geramita EM, Rossetti RM, Smith CW, Bilderback AL, Dunn SAC, **Arnold RM**, Bhatnagar M. Utilizing Standardized Criteria for Early Palliative Care Consultation in Geriatric Inpatients with Newly Diagnosed Acute Leukemia. Poster accepted at 2022 American Academy of Hospice and Palliative care National meeting, 2022.
259. Indralingam R, Rak KJ, Richardson A, Crowley-Matoka M, White DB, **Arnold RM**, Schenker Y. Overcoming End of Life Discussion Hesitancy in Advanced Care Planning for Patients with Advanced Cancer and Their Caregivers. Poster accepted at 2022 American Academy of Hospice and Palliative care National meeting, 2022.
260. Lyttle KA, Abdulhay LB, Schenker Y, **Arnold RM**. Impact of Palliative Care Education on Confidence of Residents at Historically Black Medical Schools. Impact of Palliative Care Education on Confidence of Residents at Historically Black Medical Schools. Poster accepted at 2022 American Academy of Hospice and Palliative care National meeting, 2022.
261. Cohen J, Reiser V, Althouse AD, Resick J, Rosenzweig MQ, **Arnold RM**, Schenker Y. Burnout Among Oncology Nurses Providing Primary Palliative Care. Poster accepted at 2022 American Academy of Hospice and Palliative care National meeting, 2022.
262. Abdulhay L. Kesley R, Schenker Y. **Arnold RM**. Expanding Palliative Education, Research, and Training at Historically Black and Predominately Latino-Serving Institutions. Expanding Palliative Education, Research, and Training at Historically Black and Predominately Latino-Serving Institutions. Poster accepted at 2022 American Academy of Hospice and Palliative Care National Meeting, 2022.

263. Harris KW, Schweiberger K, Kavanaugh-McHugh A, **Arnold RM**, Merlin JS, Kasparian NA, Chang JC. "I Just Want You to Hear That Term:" Characterizing Language Used in Fetal Cardiology Consultations. Poster presentation at Pediatric Academic Societies, Denver, CO, April 2022.
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Published material in EPERC:

1. End of Life Symptom Management Cases. **Bob Arnold**, MD.
2. End of Life Ethics Cases (3). **Bob Arnold**, MD.
3. Fast Facts and Concept #36: Calculating Opioid Dose Conversions. **Robert Arnold**; David E. Weissman.
4. Fast Facts and Concept #39: Using Naloxone. Colleen J. Dunwoody MS, RN and **Robert Arnold MD**.
5. Fast Facts and Concept #42: Broaching the Topic of a Palliative Care Consultation. **Robert Arnold**; David E. Weissman.
6. Fast Facts and Concept #47: What Do I Tell the Children? Paula Rauch; **Robert Arnold, MD**.
7. Fast Facts and Concept #54: Opioid Infusions. Elizabeth Weinstein; **Robert Arnold**; David Weissman.
8. Fast Facts and Concept #55: Decision Making Capacity. **Robert Arnold, MD**.
9. Fast Facts and Concept #56: What to do when a patient refuses treatment. **Robert Arnold, MD**.
10. Fast Facts and Concept #79: Discussing organ donation with families. **Robert Arnold, MD**.
11. Fast Facts and Concept #83: Why patients do not take their opioids. **Robert Arnold, MD**.
12. Pain Management Cases: Inpatient. **Bob Arnold**.
13. Pain Management Cases: Outpatient. **Bob Arnold, MD**.
14. Palliative Care Communication Card. **Bob Arnold, MD**.
15. Palliative Care Team Decision Making. **Bob Arnold, MD**.
16. Standardized Patient Scenarios - Delivering Bad News. Gary Fischer, MD; **Bob Arnold, MD**; James Tulsky, MD.

17. Standardized Patient Scenarios - Discussing Preferences for Life-Sustaining Treatment. Gary Fisher, MD; **Bob Arnold, MD**; James Tulsy MD.
18. Case of the month: **Arnold RM**, Wilner S. I itch so bad, I would rather be dead.
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68. Claxton R, Angus D, **Arnold RM**. Predicting Prognosis in the Intensive Care Unit. Fast Facts and Concepts. 2010.
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82. Topoll AB, **Arnold RM**, Stowers KH, Teaching communication skills in real time. *Fast Facts and Concepts*. 2022
83. Certo M, **Arnold RM**. That’s what they told us last time. *Fast Facts and Concepts*. 2022.
84. Ginsburg A, Childers J, **Arnold RM**. Screening for opioid misuse and abuse (revised). *Fast facts and Concepts*. 2023

PROFESSIONAL ACTIVITIES

TEACHING RESPONSIBILITIES (current, previous responsibilities available on request):

Medical Students:

- Faculty for first year medical students' course on Doctor-Patient communication
- Teach sessions for second year medical student on palliative care, as well as develop and teach 2-3 large group sessions in the Medicine and Society course on advance care planning, mistakes, and giving bad news
- Attending two months/year for third year internal medicine students (until 2005)
- Co-ordinate and teach in the Center for Bioethics and Health Law curriculum for third year medical students on ethical issues in clinical medicine. Teach sessions in internal medicine, ambulatory care, and pediatrics
- Faculty in the fourth-year elective in medical ethics sponsored through the Center for Bioethics and Health Law
- Faculty in the fourth-year students' palliative care elective

Residents:

- Faculty in morning report
- Teach 4-7 noon conferences a year on ethical issues and palliative care issues.
- Teach 3-5 pre-clinic conferences for interns and residents on dizziness, pain management, advance care planning, sinusitis and back pain.
- Developed and co-teach communication course for interns on giving bad news and advance care planning
- Faculty in PACT - teaching care of HIV positive patients for house staff and pain (2005-2017)
- Developed and teach in primary care intern palliative care curriculum
- Mentor 1-3 residents/year in either research in medical ethics or research in palliative care

Fellows/MA students:

- Teach a summer case-based seminar series for MA students in Medical Ethics
- Mentor Division of General Internal Medicine fellows with interest in medical ethics or palliative care.
- Teach in a course on teaching to teach communication skills
- Co-run a course on Theory in learning and teaching
- Teach in the Fundamentals in Palliative care course
- Teach in the Qualitative research methods course
- Mentor Palliative Care fellows
- Mentor 1-2 fellows a year

Other:

- AAHPM Year-long mentoring program – R Boss, S Burns, Sarah Johnson and Kristin Chasteen
- Mentor over 50 faculty in palliative care and medical ethics – both clinician educators and clinical investigators
- Co-found national communication skills training program for clinicians caring for patients with serious illness - VitalTalk

GRANTS:

- 1984-1985 A Model Program in Teaching Residents' Medical Ethics. SA Wartman, Program Director, Brown Program in Medicine; Human Values in Medicine, Brown University, Providence, Rhode Island. (Principal Investigator) \$2,000
- 1984 Residency Training in General Internal Medicine and/or Pediatrics. SA Wartman, Program Director, Division of Medicine HRSA, Public Health Services, DHHS, Washington, DC. (Co-Author of medical ethics portion) \$55,054.
- 1988 Attitudes among health professionals towards HIV-positive patients. Philadelphia AIDS Commission, Philadelphia, PA. (Co-Principal Investigator) \$2,500.
- 1990 Physicians' Decision to Discuss Life-Sustaining Treatment. Richard K. Mellon Foundation. (Principal Investigator) \$25,000.
- 1989-1990 Decision-Making When Entering the Hospital. MacArthur Foundation. (Co-Investigator) \$38,310.
- 1990-1993 Organ procurement: Dilemmas of Required Request. Agency for Health Care Policy Research. (Co-Principal Investigator) \$1,258,072.
- 1990-1991 N.A.S.A. Task Force on Research Ethics. Member of task force to help N.A.S.A. 1994-1996 develop ethics policy on research ethics policy.
- 1992-1995 AIDS and the Quality of Nursing. National Center for Nursing Research. (Consultant) \$233,335.
- 1992-1993 Family Decisions About Life Support. National Center for Nursing Research. (Consultant) \$35,000.
- 1992 Procuring Organs from Patients Who Have Decided to Forego Life-Sustaining Treatment. HRSA, Public Health Services DHHS, Washington, DC. (Principal Investigator) \$8,000.
- Procuring Organs from Patients Who Have Decided to Forego Life-Sustaining Treatment. Greenwall Foundation. (Principal Investigator) \$4,650.
- 1994-1998 Required Request: Determinants of Family Consent. Agency for Health Care Policy Research. (Co-Principal Investigator, Site Director 1996-1998) \$4,467,308.
- 1998-1999 Supplemental Grant for National Conference to Develop an Intervention Based on the Above Study Data. (Co-Principal Investigator, Site Director).
- 1995-1996 How Experts Discuss Advance Directives with Patients. Greenwall Foundation. (Co-Principal Investigator) \$22,500.
- 1995-1996 Defining Death in a Technological Age. Conference and Book. Division of Organ Transplantation, UNOS, NIH, Fetzer Institute, Greenwall Foundation, Laerdal Foundation, Cleveland Foundation, Baxter Health Care, Sandoz, Hoffman-LaRoche, Albert Leonnetti and RA Carlson, Arter & Hadden Law Firm, David & Young Law Firm. (Project Co-Director) \$109,700.
- 1995-1997 A Prospective Study of Family Members' Decision-Making about Life Support. National Institute for Nursing Research. (Consultant) \$75,000.
- 1996-1998 Society for Health and Human Values and Society for Bioethics Consultation Task Force on Standards for Ethics Consultation. Greenwall Foundation and over 30 Bioethics Networks and Centers. (Principal Investigator) \$310,000.
- 1996-1997 Evaluating Health Providers' Communication with Terminal Patients Using

- Standardize Patient Scenarios. Soros Foundation Project on Death in America. (Co-Principal Investigator) \$30,000.
- 1999-2000 Soros Foundation, Project on Death in America Faculty Scholar. Teaching Physician Change-Agents to Communicate with Terminally Ill Patients about Psychosocial and Ethical Aspects of Care. (Principal investigator) \$228,900.
- 1999-2000 Developing a Model Intervention to Increase Consent for Organ Donation. Department of Health, Ohio (Co-Principal Investigator) \$74,199.
- 1999-2000 Improving the Quality of Life During the End-of-Life Process. NIH/NIA. R03 (Consultant) \$50,000.
- 1999-2000 Developing A Model Intervention to Increase Consent to Organ Donation Agency for Health Care Policy & Research. R13-H510074 (Co-Principal Investigator) \$25,000.
- 1999-2000 Examining the Impact of Financial Incentives (Voluntary Benefit) on Organ Donation. Greenwall Foundation. (Principal investigator) \$92,436.
Public Attitudes Toward the Definition of Death and Organ Procurement Policy. Greenwall Foundation. (Co-Investigator).
Public Attitudes Towards Death and Organ Procurement. Agency for Health Care Policy Research. (Co-Investigator) \$300,012.
- 1999-2001 Emotional Reactions to Patients' Death. Dana Farber Cancer Institute Agreement Under the Nathan Cummings Foundation. (Principal Investigator) \$80,500.
Supplement to Study Nurses' and Third Year Medical Students' Emotional Reaction to Patients' Death. (Principal Investigator) \$30,000.
- 1999-2000 Informed Consent and Therapeutic Misconception. NIMH (Co-Investigator) \$70,600.
- 1999-2000 Developing a Palliative Care Unit: Promoting Nurse Competency. Beckwith Foundation. (Co-Principal Investigator) \$3500.
- 1999-2001 Support for the UPMC Palliative Care Program. Ladies Hospital Aid Society of Western Pennsylvania. (Principal Investigator). \$5000.
Renewed 2003, 2004
- 1999-2005 Support for the UPMC Palliative Care Program in Bereavement Care. Shadyside Auxiliary Society. \$1,000 per year.
- 2001-2002 Advance Directives Among the Oldest Old. NIA (Co-Principal Investigator). \$50,000.
- 2001-2005 Undergraduate Medical Education for End-of-Life Care. NCI R-25 Grant CA90595 (Co-Principal Investigator). \$697,892.
- 2001-2005 End of Life Communication Skills for Oncology Fellows. NCI R-25 Grant (Co-Principal Investigator).
- 2001-2002 A Proposal for Increasing Physicians' Ability to Encourage and Have End-of-Life Conversations with Patients and Families. Jewish HealthCare Foundation (PI for the End-of-Life Providers Task Force) \$60,000.
- 2001-2003 Assessing Fellows Experience and Attitudes Toward Palliative Care Education. Last Acts. \$30,000.
- 2001-2004 Ventilator Weaning: Processes of Care and Communication. National Institute for Nursing Research, NIH 1 RO1 07973-01. 823,859. (Co-Investigator, 5%).
- 2002-2003 End of Life Content in Guidelines for Life-Limiting Illness. Last Acts. \$30,000.
- 2002 International Union Against Cancer Yamagiwa-Yoshida Memorial International

- Cancer Study Grant. Factors Associated with Physicians' Ability to Predict Patients' Preferences for Information and Involvement in Medical Decisions. (Principal Investigator) \$10,854.00.
- 2002-2003 Council on Instructional excellence Innovation in Education Awards. A Structured Educational Program for Observing, Evaluating and Documenting Internal Medicine Residents' Discussions with Seriously Ill Patients. (Co-Principal Investigator) \$10297.
- 2002-2003 Modification of a Symptom Assessment Scale to Evaluate Symptom Burden in Chronic Dialysis Patients. Center for Health Equity Research and Promotion VA Stars and Stripes Healthcare Network Competitive Pilot Research Fund. (Co- Investigator) \$21,048.
- 2002-2003 How Can End-of-Life Services Be Made More Ethnically Appropriate? Center for Health Equity Research and Promotion VA Stars and Stripes Healthcare Network Competitive Pilot Research Fund. (Co-Principal Investigator). \$19,000.
- 2003 Koppoka Family Foundation Visiting Lectureship Program. (Principal Investigator) \$3000.
- 2003-2005 Project on Death in America Palliative Care Fellowship Grant. (Investigator) \$150,000.
- 2003-2008 NR 1R01NR/AG08249-01, Trajectories of Serious Illness: Patients and Caregivers. (Investigator) \$2,359,885.
- 2003-2008 NCI 1 R01 CA100387-01, Enhancing Patient-Oncologist Communication. (Co-Principal Investigator) \$2,359,026 (Direct).
- 2003-2005 Advanced Illness Coordinated Care: A Proposal for a Community Collaboration, (Principal Investigator) \$330,561.
- 2003-2004 Support for the UPMC Palliative Care Program. Ladies Hospital Aid Society of Western Pennsylvania. (Principal Investigator). \$5000.
- 2005-2010 End-of-Life Education in the Third Year of Medical School. NCI R-25 grant CA (Co-Principal Investigator).
- 2005-2010 An Observational Description of IRB Practices. 1 R01 CA10795-01A1. (Co-Principal Investigator) \$2,444,143 (Direct).
- 2005-2007 Diagnosing and Discussing Imminent Death in the Hospital. RO3. (Co-Principal Investigator).
- 2005–2007 Assessing Individual Preferences for End-of-Life Care (1R21 AG025191-01A1, Exploratory/Developmental Research Grant Award). National Institute on Aging. (Co-Principal Investigator).
- 2006–2007 Surrogate Decision Making in the ICU: A Study to Examine Decisional Regret (Pilot grant, Interdisciplinary Program in Bioethics). The Greenwall Foundation. (Co-Principal Investigator) \$45,074.
- 2006-2010 Barriers to Initiating Antiviral Therapy for Veterans with Hepatitis-C. VA Merit. (Co-Principal Investigator).
- 2006-2010 Sociocultural Dimensions of Provider Decision-Making in Pain Management. VA Merit. (Co-Principal Investigator).
- 2006-2010 Teaching to Teach End of Life Communication Skills for Oncology Fellows. NCI R-25 Grant (Co-Principal Investigator).
- 2006-2007 Support for the UPMC Palliative Care Program. Ladies Hospital Aid Society of Western Pennsylvania. (Principal Investigator). \$5000.

- 2007-2008 Critical Care Communication (C3): Teaching Intensivists Palliative Care Communication Skills. Jewish Health Care Foundation. (Principal Investigator) \$100,000.
- 2007-2008 Critical Care Communication (C3): Teaching Intensivists Palliative Care Communication Skills. National Palliative Research Center. (Principal Investigator) \$151,000.
- 2007-2008 Development and Dissemination of a Rapid Response System for Uncontrolled Donation After Cardiac Death. HRSA (Consultant).
- 2008-2010 Expanding Critical Care Communication (C3) Arthur Vining Davis Foundation. (Principal Investigator) \$200,000.
- 2008-2010 Talking with Patients about other Healthcare Workers' Errors: Ethical, Legal, and Practical Considerations. Greenwall Foundation. (Co-Principal Investigator) \$173,308.
- 2008-2012 Pain, Sexual Dysfunction, and Depression in Hemodialysis Patients. VAHealth Services Research and Development, IIR 07-190-2. (Co-Principal Investigator) \$897,000.
- 2008-2010 Provider and Organizational Norms and Care at the End of Life. (PONCEL) R21 NIH (Co-Principal Investigator) \$ 226,220.
- 2009-2012 Communication in Oncologist Patient Encounters: A Patient Intervention. 2R01-CA100387-06 NCI. R21 NIH (Co-Principal Investigator) \$521,924.
- 2009-2011 Isolating Mechanisms Underlying Hospital Variation in End-of-Life ICU Use. 1R21 CA141093-01. R21. NIH. NIH (Co-Principal Investigator).
- 2009-2011 ICU Triage Communication and Decision Making: the Role of Race. American Cancer Society. (Co-Principal Investigator).
- 2010-2015 Cancer Survivorship T32 (Training Committee Member).
- 2010-2011 Representational Intervention to Promote End-of-Life Decision-Making Preparation R01NR011464-S1 NIH \$147,011.
- 2007-2013 Outpatient Early Intervention Services with Respect to HIV Disease (Ryan White Title III) 2 H76 HA00079-13 (Co-Principal Investigator).
- 2011-2015 Geriatric Education Centers of Pennsylvania UB4 HP199199-01-00 (Co-Principal Investigator).
- 2011-2015 End of Life in Very Old Age. NIH NIA. (Co-Principal Investigator).
- 2010-2015 Communication of Illicit Drug and/or Alcohol Use in Obstetrics. R01DA02641001. (Co-Principal Investigator).
- 2012-2014 Describing Variation in IRB Efficiency. VA Research Foundation. (Co-Investigator).
- 2012-2014 Dissemination of Critical Care Communication Training. Arthur Vining Davis Foundations. (Co-Investigator).
- 2012-2014 Surrogate Storytelling. NPCRC. (Co-Investigator).
- 2013-2015 Improving Seriously Ill Patients End-Of-Life Care by Changing the Default Option in Advance Directives. Gordon and Berry Moore Foundation. (Co-Investigator).
- 2013-2018 A Trial to Improve Surrogate Decision-Making for Critically Ill Older Adults. NIA. (Co-Investigator).
- 2014-2017 The University of Pittsburgh Patient-Centered Outcomes Research (PCOR) Scholars Program. AHRQ. (Co-Investigator).
- 2014-2019 A Stepped Wedge Trial of an Intervention to Support Family Members in ICUs. NINR. R01 NR014553 (Co-Investigator).

- 2015–2017 Developing a Web and Tablet based Tool to Improve Communication and Shared Decision Making Between Clinicians and Surrogates in ICUs. 1R21AG050252-0. (PI White; Co-Principal Investigator).
- 2015-2017 VitalTalk grant for increasing capacity. Milbank Foundation. (Principal Investigator).
- 2015-2017 UPMC Palliative and Supportive Institute – Building Communication Capacity. Milbank Foundation. (Principal Investigator).
- 2016-2021 A Cluster Randomized Trial of a Primary Palliative Care Intervention (CONNECT) for Patients with Advanced Cancer NIH/NCI.1R01CA197103-01A1 (PI Schenker; Co-Principal Investigator).
- 2017-2019 Motivational Interviewing to Address Reluctance and Ambivalence in Palliative Care. National Palliative care research Center (PI Kutner; Co-Investigator).
- 2016-2021 University of Pittsburgh CTSI – Community & Collaboration Core: Team Science. 1UL1TR001857 NIH/NCATS (PI Reis).
- 2018-2021 What We Talk about When We Talk about Surgery: Redesigning the Conceptual Framework for Preoperative Communication about Surgical Intervention. Greenwall Foundation. (PI -Schwarze; Co-Co-Principal Investigator).
- 2018-2019 SARAH: Supporting families, Aligning goals, and Reducing Avoidable Hospitalizations in Serious Illness. Milbank Foundation. (PI – Kavalieratos; Co-Principal Investigator).
- 2019-2021 Promoting Palliative Care in Minority Servicing Medical Schools. Arthur Vining Davis Foundations. (PI Schenker; Co-Principal Investigator).
- 2019-2024 Patient-Centered and Efficacious Advance Care Planning in Cancer: the PEACe Comparative Effectiveness Trial (PI Schenker; Co-Principal Investigator).
- 2020-2022 Project Extension for Community Healthcare Outcomes in Western PA. McElhattan Foundation (PI Schenker; Co-Principal Investigator).
- 20202-2023 A Multisite Efficacy Trial of Specialty Palliative Care in Cystic Fibrosis. Cystic Fibrosis Foundation. (PI Kavalieratos, Co-Investigator).
- 2020-2025 A Randomized Trial of Scalable, Interactive Tool to Support Surrogate Decision Makers of Elderly Critically Ill Patients (PI White; Co-Investigator).
- 20200-2025 Randomized Trial of Specialty Palliative Care Integrated with Critical Care for Critically Ill Older Adults at High Risk of Death or Severe Disability (ProPACC) (PI White/Schenker; Co-Investigator).
- 2021-2023 Testing the Feasibility of Using Deliberate Practice to Recalibrate Physician Heuristics in Trauma Triage. (PI Mohna; Co-Investigator).

SEMINARS AND INVITED LECTURES:

Available upon request.

SERVICE:

Admitting Privileges:

Presbyterian University Hospital
Shadyside University Hospital - Consultant
Pittsburgh Veterans Administration Health Care System
UPMC Montefiore University Hospital Transitional Care Unit
University Physician Practice Association
Magee-Women's University Hospital
1998- Hospital Privileges
2000- Community Physician Privileges
2005- TCU Privileges
Heartland Health Care Center
UPMC Rehabilitation Hospital-2001-2004
Semper Care Hospital

Other:

- 1986-1988 Member, Hospital of the University of Pennsylvania 1988 Ethics Committee, DNR Subcommittee, Brain Death Subcommittee.
- 1986-1988 Member, Penn Medical Scholar Program Advisory Council.
- 1987-1988 Member, Philadelphia VA Medical Center Ethics Committee.
- 1987-1988 Member, Philadelphia VA Medical Center AIDS Task Force.
- 1987-1988 Member, Advisory Committee, Delaware Valley Ethics Committee Network.
- 1988-Present Faculty, Second Year Medical Student Curriculum of Medical Ethics.
- 1988-Present Member and Consultant, Ethics and Human Rights Committee, Presbyterian University Hospital.
- 1989-Present Advisor, 4th year medical students.
- 1989-Present Member, University-Wide Ethics Committee, University of Pittsburgh Medical Center.
- 1989-2017 Staff physician, Pittsburgh AIDS Comprehensive Treatment Center (PACT)
- 2003-2017 Director, PACT pain and palliative care clinic
- 1990-Present Advisor, 1st year medical students.
- 1990-1991 Member, Department of Medicine, Conscious Sedation Committee.
- 1991-Present Ethics Consultant, Presbyterian-University Hospital.
- 1991-Present Member, General Internal Medicine Fellowship Steering Committee.
- 1991-Present Member, Department of Medicine Residency Selection Committee Member.
- 1991-1998 Member, University of Pittsburgh Medical Center Committee for Scientific Integrity; Coordinator for General Medicine and Geriatrics.
- 1991-Present Preceptor, Summer Premedical Academic Enrichment Program.
- 1992-Present Member, Ambulatory Care Education Committee
- 1994-Present Member, Clinical Competency Committee.
- 1992-Present Faculty, Center for Medical Ethics Continuing Education Program. (Give approximately six talks per year on various topics in medical ethics for local hospitals.)
- 1992-Present Member, University of Pittsburgh Medical Center Committee on Medical Screening of House Officers.
- 1992-Present Member, MA Program Steering Committee and Admissions Committee. (Serves on

numerous MA thesis committees.)

PhD dissertation committees:

- Psychology Holly Heberman Marsh
- History and Philosophy of Science Thomas Cunningham
- 1992-1995 Staff Physician, Rainbow Free Care Clinic, Pittsburgh, PA
- 1995-Present Director, Division of General Internal Medicine/Geriatrics Research Ethics Integrity Committee
- 1995-Present Member, Coordinating Committee for Research Ethics Integrity Committee, Department of Medicine
- 1995-2002 Staff Physician, Birmingham Homeless Clinic, Pittsburgh, PA
- 1995-2004 Pharmacy and Therapeutics Committee
- 1996-2011 Curriculum Committee, Department of Internal Medicine
- 1997-2012 Advisory Board, Pittsburgh Schweitzer Fellow Program
- 2013- Present Board of Advisors, Pittsburgh Schweitzer Fellow Program
- 1997-1998 Co-Chair, University of Pittsburgh School of Medicine, Committee to revise the 3rd and 4th year student curriculum, In-Hospital Sub-Committee
- 1998--2004 Chair, Palliative Care Curriculum Review Committee, Committee to evaluate the medical school's palliative care curriculum
- 1998-2011 Member, University of Pittsburgh School of Medicine, Curriculum Committee
- 1999-Present Advisor, Medical Students' Interest Group on Palliative Care
- 1999-Present Member, Advance Care Nurse Practitioner Program Steering Committee
- 1999-Present Member, Clinical operations committee, University of Pittsburgh Physicians
- 1999-Present Member, UPMC-Shadyside University Hospital
- 1999-2000 Facilitator, Balint group for Shadyside University Hospital Family Medicine Faculty
- 1999-2003 Faculty, Teaching medical interviewing course for first year medical students
- 2001 Co-Chair for Physician Search Committee to run an integrated pain service for UPMC Health Care System
- 2001 UPMC Health Plan Geriatric Subcommittee Member
- 2003 University of Pittsburgh School of Medicine
Implementation Task Force on the Patient-Doctor Relationship Block
- 2005 University of Pittsburgh School of Medicine Ethics, Professionalism Task Force
- 2006 University of Pittsburgh, Division of General Internal Medicine Education Research Committee
- 2008-Present UPMC Pain and Addiction Committee
- 2008-Present UPMC Pain Fellowship Committee
- 2008-Present VA GREC Advisory Committee
- 2009-Present University of Pittsburgh Student Academic Integrity Hearing Board
- 2009-2012 Chair, Ethics consultant team, Presbyterian University Hospital
- 2010-Present Member, Clinical Education Training Program, Curriculum Committee
- 2010-2019 Executive Committee, UPMC Aging Institute
- 2010-Present Executive Committee, Residency committee, LEAD (Residency Scholarship)
- 2012 UPMC Department of Anesthesia Vice Chair Pain Search Committee
- 2013 PhD Committee John Frye, Case Western PhD in Bioethics
- 2013 PhD Committee, Thomas Cunningham, University of Pittsburgh, History and

- Philosophy of Science
- 2013 Family Hospice and Palliative Care, Physician Representative, National Hospice Work Group
- 2016 PhD Committee, Patrick White, University of Pittsburgh, Health Service Research
- 2017 Data and Safety Monitoring Board. NIH funded grant - Cardiac Resynchronization in the Elderly: Piloting Pacemaker vs. Defibrillator Therapy (PI S Saba).
- 2017 PhD Committee, John Frye, Case Western Reserve University, Bioethics
- 2018 MA Committee, April Christinson, University of Pittsburgh, Clinical Education
- 2018 MA committee, Taylor Lincoln, University of Pittsburgh, Clinical Research
- 2019 MA committee, Mary Callahan, University of Pittsburgh, Clinical Education
- 2019 MA committee, Corey Trapper, University of Pittsburgh, Clinical Education
- 2020-2023 DSMB Data safety Monitoring Board Chair Patient-Centered Outcomes Research Institute (PCORI) Trial Comparative Effectiveness of Readmission Reduction Interventions for Individuals with Sepsis or Pneumonia – The ACCOMPLISH Study, UPMC Health Plan
- 2021-24 University of Pittsburgh Research Ethics Consultation Services
- 2022 University of Pittsburgh School of Medicine Distinguished Service Professor Committee
- 2022-25 University of Pittsburgh Conflict of Interest Committee

Diversity, Equity and Inclusion Activities:

- 2019-2021 Promoting palliative care in minority servicing medical schools. Arthur Vining Davis Foundations. (PI Schenker; Co-Principal Investigator).
- 2019-22 Talks on palliative care at Howard School of Medicine, Morehouse School of Medicine, SNMA and National Presentation at AAHPM
- 2021-22 Gleitsman Summer Scholar Program
- 2021 Served as a mentor for a student from Meharry School of Medicine using data from the Arthur Vining Davis Foundations proposal resulting in a publication

Other:

- A. State license – 035828E
- B. DEA license
- C. Approval for bupernorphine treatment for opiate dependency 2007
- D. Approval for medical marijuana 2018