

Transforming the Generation and Adoption of PCOR into Practice (T-GAPP) K12 Faculty

Faculty Member and Appointment	Research/Focus of Expertise
David A. Asch, MD, MBA John Morgan Professor of Medicine, Medical Ethics and Health Policy; Professor of Health Care Management and Operations, Information and Decisions (Wharton School); Executive Director, Penn Medicine Center for Health Care Innovation	Understand and improve how physicians and patients make medical choices, including the adoption of new pharmaceuticals or medical technologies, the purchase of health or life insurance, and personal health behaviors.
Frances K. Barg, PhD, Med Professor of Family Medicine and Community Health and Anthropology	Mixed methods research, qualitative research methods, medical anthropology, innovative methods to elicit patient perceptions about illness, and illness management
Rinad Beidas, PhD, MA Associate Professor of Psychiatry and Medical Ethics and Health Policy	Implementation of evidence-based psychosocial practices in community settings, measurement of implementation outcomes
Alison Buttenheim, PhD, MBA Associate Professor of Family and Community Health and Health Policy; Associate Director, Center for Health Incentives and Behavioral Economics (CHIBE)	Impact evaluation and implementation science, social determinants of demographic and health behaviors, behavioral economics and health behavior change
Joel Gelfand, MD, MSCE Professor of Dermatology and Epidemiology; Vice Chair of Clinical Research and Medical Director, Dermatology Clinical Studies Unit	Design, execution, analysis, and dissemination of results from large multi-center, comparative trials in psoriasis; improving trial efficiency through the development and validation of surrogate endpoints, the use of efficient statistical designs, and the use of innovative and mechanistic biomarkers
Karen Glanz, PhD, MPH George A. Weiss University Professor of Epidemiology and Nursing; Director, UPenn Prevention Research Center	Cancer prevention and control, theories of health behavior, obesity and the built environment, social and health policy, and new health communication technologies
S. Ryan Greysen, MD, MHS, MA Associate Professor of Medicine; Executive Director, Center for Evidence Based Practice	Improving hospital and transition care for vulnerable patients, particularly older adults with multiple morbidities
Peter Groeneveld, MD, MS Professor of Medicine; Co-Director, Master of Science in Health Policy Research (MSHP) Program	Comparative effectiveness and diffusion of innovative health care technology, health care database analyses, cost-effectiveness analyses, and quality-of-life.
James Guevara, MD, MPH Professor of Pediatrics and Epidemiology	Enhancing faculty diversity and inclusion, improving access and ameliorating health disparities among underrepresented minority children with developmental and behavioral problems
Scott Halpern, MD, PhD, M.Bioethics Professor of Medicine, Epidemiology, and Medical Ethics and Health Policy; Director, Palliative and Advanced Illness Research (PAIR) Center	Bioethics, development and testing of interventions to improve the value of health care delivered to acutely and seriously ill patients
Sean Hennessy, PharmD, MSCE, PhD, Professor of Epidemiology and Pharmacology; Director, Center for Pharmacoepidemiology Research and Training (CPeRT)	Pharmacoepidemiology focusing on drug-drug interactions and CER to improve medication use within UPHS
John H. Holmes, PhD, MS Professor of Medical Informatics in Epidemiology; Associate Director, Institute of Biomedical Informatics; Director, Master of Biomedical Informatics (MBMI) Program	Methods for knowledge discovery and data mining for clinical research, distributed research networks, clinical decision support, shared decision making, social media
Steven Joffe, MD, MPH Founders Professor of Medical Ethics and Health Policy, Professor Pediatrics; Chief, Division of Medical Ethics	Ethical and policy challenges in biomedical research, and on the ethical questions raised by genomic technologies in medicine and science
Meghan Lane-Fall, MD, MSHP David E. Longnecker Associate Professor of Anesthesiology and Critical Care and Epidemiology; Vice Chair of Inclusion, Diversity and Equity, Perelman School of Medicine	Healthcare delivery science, qualitative and mixed methods to develop effective communication strategies that incorporate human factors principles while complementing clinician workflow
Judith Long, MD Sol Katz Professor of Medicine; Chief, Division of General Internal Medicine	Social determinants of health and how they affect socioeconomic and racial disparities, interventions to support behavioral change in minority and low-income populations, research education
David Mandell, ScD Professor of Psychiatry and Pediatrics; Director, Center for Mental Health	Quality of care of individuals with autism, including the best strategies to successfully implement proven-efficacious practices in community settings.

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Raina Merchant, MD, MSHP Associate Professor of Emergency Medicine; Director, Center for Digital Health; Associate Vice President, Penn Medicine	Cardiovascular health and resuscitation science, data mining techniques to understand health outcomes and develop and evaluate digital media interventions
Jason Moore, PhD, MS, MA Edward Rose Professor of Informatics, Professor of Genetics and Epidemiology; Director, Institute of Bioinformatics; Director, Division of Informatics, DBE	Machine learning analysis of gene-gene interactions, artificial intelligence algorithms and software, network analysis of gene-gene interactions
Jennifer Myers, MD Professor of Clinical Medicine; Director, Center for Healthcare Improvement and Patient Safety (CHIPS); Director, Master of Healthcare Quality and Safety (MHQS) Program	Medical education innovations to improve healthcare quality and safety, quality improvement interventions in hospital during transitions of care
Jennifer Pinto Martin, PhD, MPH Professor of Nursing and Epidemiology; Director, Master of Public Health (MPH) program; Executive Director, Center for Public Health Initiatives (CPHI)	Epidemiology of autism spectrum disorder, ethnic and racial disparities in the age of identification and diagnosis of ASD
Therese Richmond, PhD, RN Andrea B. Laporte Professor of Nursing; Associate Dean for Research & Innovation, School of Nursing	Injury science, social determinants of health, environmental risk effects on health
Barbara Riegel, PhD, RN Edith Clemmer Steinbright Professor of Gerontology	Theory, instruments, and behavioral intervention approaches designed to promote self-care and improve outcomes in chronically ill adults
Judy Shea, PhD Professor of Medicine; Associate Dean of Medical Education Research; Co-Director, Master of Science in Health Policy Research (MSHP) Program	The development of evaluation methods and measurement techniques
Kevin Volpp, MD, PhD Professor of Medicine and Health Care Management; Chief, Division of Health Policy; Director, Center for Health Incentives and Behavioral Economics (CHIBE)	Developing and testing innovative ways of incenting patients using concepts from behavioral economics to examine the effectiveness and cost effectiveness of financial incentives in addressing major determinants of poor health outcomes
Rachel Werner, MD, PhD Professor of Medicine; Robert D. Eilers Professor of Health Care Management; Executive Director, Leonard Davis Institute of Health Economics (LDI)	Mechanisms by which incentives improve quality, impact of public reporting of quality information, unintended consequences of QI incentives
Allison Willis, MD, MS Associate Professor of Neurology and Epidemiology	Sociodemographic and process driven disparities in specialty care, analytical and spatial epidemiology