Shared Decision Making (SDM) in the Emergency Department:
Development of a Policy-Relevant Patient-Centered Research Agenda

May 10, 2016

Sheraton New Orleans Hotel
Rhythms Ballroom 1-3; 2nd Floor

Funding for this conference was made possible [in part] by grant number 1R13HS024172-01 from the Agency for Healthcare Research and Quality (AHRQ); grant number 1R13MD010171-01 from the National Institute on Minority Health and Health Disparities and contract #0876 from the Patient-Centered Outcomes Research Institute (PCORI). The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services or PCORI; nor does mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.
AEM would like to thank the following organizations, departments, and individuals for their generous support of this consensus conference:

**Chair’s Circle - $5,000 - $9,999**
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**Other Supporters**
Academy of Geriatric Emergency Medicine (AGEM)
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2016 AEM CONSENSUS CONFERENCE DISCLOSURES AND RESOLUTIONS

The following speakers and planning committee members have no relationships to disclose.
M. Fernanda Bellolio, College of Medicine, Mayo Clinic
Amy Berman, The John A. Hartford Foundation
Dowin Boatright, Yale University
Aaron Brody, Wayne State University
Jeremy Brown, Office of Emergency Care Research
Brendan Carr, Thomas Jefferson University
Donna L. Carden, University of Florida, Gainesville
Christopher Carpenter, Washington University in St. Louis
Ana Castaneda – Guarderas, College of Medicine Mayo Clinic
Esther H. Chen, University of California San Francisco
Kenneth Dodd, Hennepin County Medical Center
Patrick Dunn, American Heart Association
Marcus Escobedo, The John A. Hartford Foundation
Barbara Forney – CME compliance
Mira Grieser, Patient Centered Outcomes Research Institute
Richard Griffey, Washington University in St. Louis
Corita Grudzen, New York University School of Medicine
Erik Hess, College of Medicine Mayo Clinic
Kaoru Itakura, University of California San Francisco
Timothy Jang, David Geffen School of Medicine at UCLA
Hemal Kanzaria, University of California San Francisco
Jennifer Kryworuchko, University of British Columbia
Annie LeBlanc, College of Medicine Mayo Clinic
Philip Levy, Wayne State University
Rachel Lindor, College of Medicine May Clinic
Brandon Maughan, Emergency Physicians Integrated Care
Edward Melnick, Yale University
Farah Michel, New York University School of Medicine
Victor Montori, College of Medicine Mayo Clinic
Kei Ouchi, Brigham and Women’s Hospital
Warren M. Perry, Yale University
Timothy Platts-Mills, University of North Carolina at Chapel Hill
Marc Probst, Mt. Sinai School of Medicine
Ali Raja, Massachusetts General Hospital
Rick E. Ricer, MD – compliance reviewer
Kristin Rising, Thomas Jefferson University
David Skolnik, Citizens for Patient Safety
Patricia J. Skolnik, Citizens for Patient Safety
J. Scott Van Epps, University of Michigan
Amy Vandenbroucke, National POLST Paradigm
William Vaughan
Arjun Venkatesh, Yale University
Gail Weingarten

Kabir Yadav, Harbor UCLA
Angela Young-Brinn

The following speakers and planning committee members have relationships to disclose.

Benjamin Abella, University of Pennsylvania, Advisory Board,
Ikaria, Inc. Cardioworx; Consultant, Red Bull GmbH,
Fuschi am See; Employee, Vanderbilt University; Board
Member, Annals of Emergency Medicine Editorial Board;
Grant Recipient, NIH, NHLBI; Other Relationships, Janssen
Pharmaceuticals, Alere, Boehringer Ingelheim
Pharmaceuticals Inc.

Maggie Breslin, Employee, College of Medicine Mayo Clinic

Sean Collins, Vanderbilt University, Consultant, Novartis,
Trevena, Medtronic; Grant Recipient, PCORI, NIH, Novartis,
Trinity, Cardioxyl

Christopher Gayer, Other Relationships, PCORI

Jeffrey A. Kline, Indiana University, Consultant, Janssen; Grant
Recipient, Mallinkrodt, Roche, NIH

Nathan Kuppermann, University of California, Davis, Other
Relationship, InsuCalc

Candace McNaughton, Vanderbilt University, Consultant Title
et al; Grant Recipient, NIH, NHLBI

Zachary Meisel, Consultant, Teleflex

Karen Sepucha, Spouse Employee, Fresenius Medical Care;
Other Relationships Healthwise

Manish Shah, Grant Recipient, Abbott Point of Care via
George Washington University

Stephen Wall, Advisory Board, Imagine Health
CME STATEMENT

Joint Accreditation Statement:
The University of Cincinnati is accredited by the ACCME to provide continuing medical education for physicians.

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the University of Cincinnati and Society for Academic Emergency Medicine.

The University of Cincinnati designates this live activity for a maximum of 8 AMA PRA Category 1 Credits ™. Physicians should claim only the credits commensurate with the extent of their participation in the activity.

Faculty Disclosure Declaration:
According to the disclosure policy of the University Of Cincinnati College Of Medicine, all faculty, planning committee members, and other individuals who are in a position to control content are required to disclose any relevant relationships with any commercial interest related to this activity. The existence of these interests or relationships is not viewed as implying bias or decreasing the value of the presentation, and any conflict of interest is resolved prior to the activity. All educational materials are reviewed for fair balance, scientific objectivity and levels of evidence. Disclosure will be made at the time of the activity.

Learner Assurance Statement:
The University of Cincinnati is committed to resolving all conflicts of interest issues that could arise as a result of prospective faculty members’ significant relationships with drug or device manufacturer(s). The University of Cincinnati is committed to retaining only those speakers with financial interests that can be reconciled with the goals and educational integrity of the CME activity.

Follow us on Twitter:

@AcademicEmerMed    @AEMconsensus
MISSION

Shared decision making is a collaborative process between patients and providers to make important healthcare decisions when more than one reasonable option exists by incorporating the best scientific evidence, timely and effective communication strategies, and individual patient priorities. Although shared decision making is ideal, it is not always either possible or appropriate in time-dependent emergencies. The AEM Consensus Conference will focus on both appropriate disease-specific EM scenarios and research methods and priorities that are relevant to shared decision making.

GOALS

The goal of the 2016 AEM Consensus Conference is to stimulate a robust research agenda from investigators both within and outside emergency medicine that is informed by patient experience. We will investigate how to incorporate shared decision making throughout the design, implementation, analysis, and reporting of research. We will systematically evaluate the role and potential impact of meaningful shared decision making on research planning, design, analysis, and outcomes. The conference proposes to build a foundation upon which researchers can build interdisciplinary and transdisciplinary scholarship, networks of expertise, discussion forums, multicenter collaborations, evidence-based publications, effective policy, and improved education. The overarching themes of the conference have been guided and informed by NIH and PCORI research priorities on shared decision making.

OBJECTIVES

**As a result of participating in this activity, participants should be able to:**

- Critically examine the state of science on shared decision making in emergency medicine and identify opportunities, limitations, and gaps in knowledge and methodology;
- Develop a consensus statement that prioritizes opportunities for research in shared decision making that will result in practice changes and identifies effective methodological approaches;
- Identify and build collaborative research networks to study the use of shared decision making and patient-centered outcomes research in emergency medicine that will be competitive for federal funding.
WELCOMING REMARKS

“Patient-Centered Emergency Care” by Conference Chairs

We are honored to welcome you to the 2016 AEM consensus conference on “Shared Decision Making in the Emergency Department: Development of a Policy-Relevant, Patient-Centered Research Agenda”. Shared decision making is the collaborative process by which patients and their surrogates evaluate and assimilate important medical decisions when more than one reasonable option exists. The Institute of Medicine report “Crossing the Quality Chasm: A New Health System for the 21st Century” defined patient-centered care that is “respectful of and responsive to individual patient preferences, needs, and values” while ensuring that “patient values guide all clinical decisions”. A breakout paper from the 2011 AEM consensus conference entitled “Interventions to Assure Quality in the Crowded Emergency Department” identified patient involvement as one of three essential components of patient-centered care. Despite an expanding array of shared decision making studies, a survey of emergency providers published in 2015 indicated that most physicians feel under-trained to fully engage key stakeholders in this process. For emergency medicine to realize the full potential of shared decision making, future research is needed to explore testing of this process in practice, implementing effective policy motivators, contemplating this process in diagnostic decision-making, and the optimal incorporation of these strategies in palliative care, geriatric, and other vulnerable populations.

The 2016 AEM consensus conference proves the new mantra of our journal: Elevating the human condition during times of emergency. This is the first AEM consensus conference to purposefully involve patients and patient representatives in each stage of the planning process, many of whom have joined us for the event today in New Orleans. We gratefully acknowledge Jeff Kline, David Cone and the AEM editorial board who recognized the timeliness of shared decision making as the topic for the 2016 consensus conference. We thank our other executive planning committee members, Drs. Jennifer Kryworuchko, Annie LeBlanc, Ali Raja, and Richard Thomson, for their conscientiousness and dedication in planning this conference. We thank our breakout group leaders, patient representatives, trainee scholarship awardees, and breakout group members who worked diligently over the past year to ensure the success of this conference.

On behalf of the conference organizing committee and the journal’s editorial board, we thank each of the conference participants, patient representatives, speakers, federal and foundation partners, and our many generous supporters for making this day possible. We acknowledge the significant organizational and financial support of our respective institutions, NYU School of Medicine, Mayo Clinic, and Washington University in St. Louis. We also thank the staff of the journal and SAEM for their administrative and logistic support, especially Melissa McMillian. We appreciate the editorial support from Timothy Jang and Manish Shah. A special thanks to Farah Michel for keeping us on track and organized, and Senem Suzek for her help with comma control and other pre-award grants management, both at NYU School of Medicine.

We hope that the participants find the conference inspiring and informative and that the opportunity to network, collaborate, and form consensus between shared decision making theorists, researchers, funding agencies, educators, and clinicians with patient representatives on these topics will galvanize future research, innovation, and policy to advance and accelerate the paradigm of true patient-centered emergency care. We wish to welcome our young investigators and trainees and hope to carry their enthusiasm forward in research. We thank Emergency Medicine Residents’ Association (EMRA) for helping to advertise the travel scholarships to support these young minds. Finally, we thank SAEM for its leadership, insight, and innovation and the SAEM board for working closely with us in moving our conference agenda forward.

Corita R. Grudzen, MD, MSHS
Erik Hess, MD, MPH
Chris Carpenter, MD, MSc
2016 AEM Consensus Conference Co-Chairs
In hopes of optimizing patient-centered care everywhere, every time
A HISTORY OF THE ACADEMIC EMERGENCY MEDICINE CONSENSUS CONFERENCE

This year’s Academic Emergency Medicine (AEM) consensus conference, “Shared Decision Making in the Emergency Department: Development of a Policy-Relevant, Patient-Centered Research Agenda,” marks seventeen years of sustained disruptive innovation from dedicated emergency academicians. The conference follows a long tradition for AEM that grew from a vision that we still maintain. The editors of AEM believe that the role of medical journals goes beyond the presentation of research findings. We believe that we are in a position to elevate the humanism of medicine by stimulating discussion about relevant topics of academic medical concern, with the hope of inspiring research in areas where current gaps exist.

With this philosophy in mind, AEM developed its first consensus conference in 2000, and has continued to offer conferences each year. The goal of the AEM consensus conference is to identify an area of emergency research and clinical need, gather thought leaders for interchange related to the current state of the field, and then develop a research agenda to advance the science on the topic at hand.

The topics presented are chosen through a competitive process, and are usually developed by interest groups or committees within the Society for Academic Emergency Medicine. Ten of the 17 consensus conferences have been supported by federal funding. The conference proceedings are published in the December issue of AEM, and distributed electronically free of charge through the generosity of our publisher, John Wiley & Sons.

The downstream academic success of these conferences has been impressive. More than $400 million in federal funding has been secured for projects related to the consensus conference themes; and the consensus conference proceedings papers have been cited, on average, more than 15 times each in the peer-reviewed literature.*

We welcome suggestions and applications for 2019 and for the years to come – and we hope you will join us at the 2017 consensus conference in Orlando, FL: “Catalyzing System Change Through Healthcare Simulation: Systems, Competency, and Outcomes.”

Jeffrey A. Kline, MD
Editor-In-Chief
Academic Emergency Medicine

Prior AEM Consensus Conferences
2000: Errors in emergency medicine
2001: The unraveling safety net
2002: Quality and best practices in emergency care
2003: Disparities in emergency care
2004: Information technology in emergency medicine
2005: Emergency research without informed consent
2006: The science of surge
2007: Knowledge translation
2008: Simulation in emergency medicine
2009: Public health in the emergency department: surveillance, screening, and intervention
2010: Beyond regionalization: integrated networks of emergency care
2011: Interventions to assure quality in the crowded emergency department
2012: Education research in emergency medicine
2013: Global health & emergency care: a research agenda
2014: Gender-specific research in emergency medicine
2015: Diagnostic Imaging in the Emergency Department: A Research Agenda to Optimize Utilization

SAVE THE DATE

2017 AEM Consensus Conference
Date: May 16, 2017
Title: "Catalyzing System Change Through Healthcare Simulation: Systems, Competency, and Outcomes"
Location: Hyatt Regency Orlando
Orlando, FL
Co-chairs:
William Bond, MD, MS
Jump Trading Simulation and Education Center
Rosemarie Fernandez, MD
University of Washington
Joshua Hui, MD
UCLA-Olive View Emergency Medicine

2018 AEM Consensus Conference
Date: May 15, 2018
Title: To be announced at SAEM16
Location: JW Marriott
Indianapolis, IN
Co-chairs:
To be announced at SAEM16

Mark your calendars and be sure to join us for two other excellent consensus conferences. Keep watching Academic Emergency Medicine and the SAEM Newsletter for more
## AGENDA

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<td>8:00 – 8:30 am</td>
<td>Welcome and Opening Remarks</td>
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<td>Jeffrey A. Kline, MD</td>
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<td><em>AEM</em> Editor-in-Chief</td>
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<td>Corita R. Grudzen, MD, MSHS</td>
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<td><em>NYU School of Medicine</em></td>
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<td><em>Washington University School of Medicine</em></td>
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<td>8:30 – 9:00 am</td>
<td>Challenging Myths about Shared Decision Making</td>
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<td>Victor Montori, MD</td>
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<td><em>College of Medicine, Mayo Clinic</em></td>
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<td>9:00 – 9:45 am</td>
<td>State of the Science: Tools &amp; Measurement for Shared Decision Making</td>
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<td>Karen Sepucha, PhD</td>
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<td><em>Massachusetts General Hospital</em></td>
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<td>Maggie Breslin</td>
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<td><em>Smaller Sanities Design &amp; Research</em></td>
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<td>• Session 3: Dissemination &amp; Implementation</td>
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<td>12:00 – 1:00 pm</td>
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<td>Patty &amp; David Skolnik</td>
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<td>Marcus Escobedo, MPA</td>
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<td>Jeremy Brown, MD</td>
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<td><em>Office of Emergency Care Research</em></td>
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<td>Brendan Carr, MD</td>
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<td><em>U.S. Department of Health and Human Services</em></td>
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<td>Patrick Dunn, PhD</td>
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<td><em>American Heart Association</em></td>
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<td>Christopher Gayer, PhD</td>
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<td>Mira Grieser, MHS</td>
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<td><em>Patient Centered Outcomes Research Institute</em></td>
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<td>Corita Grudzen, MD, MSHS</td>
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<td><em>NYU School of Medicine</em></td>
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<td>Christopher Carpenter, MD, MSc</td>
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<td><em>Washington University School of Medicine</em></td>
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<tr>
<td>5:00 pm</td>
<td><strong>Cocktail Reception</strong></td>
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</tbody>
</table>
ORGANIZING COMMITTEE

Conference Chairs
Corita R. Grudzen, MD, MSHS, Chair
Christopher R. Carpenter, MD, MSc, Co-Chair
Erik P. Hess, MD, MSc, Co-Chair

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Annie LeBlanc, PhD
Ali S. Raja, MD, MBA, MPH
Richard Thomson, BM, BCh

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Kristin Rising, MD, MS
Arjun Venkatesh, MD, MBA, MHS
Kabir Yadav, MD
Stephen Wall, MD, MSc, MAEd

Travel Awardees
Dowin Boatright, MD; Ana Castaneda-Guarderan, MD; Kenneth Dodd, MD; Kaoru Itakura, MD; Rachel Lindor, MD; Warren Perry, MD

Key Participants and Special Guests
Amy Berman, BS, RN, The John A. Hartford Foundation
Maggie Breslin, Smaller Sanities Design & Research
Jeremy Brown, MD, Office of Emergency Care Research
Donna L. Carden, MD, University of Florida, Gainesville
Brendan Carr, MD, MA, MS, U.S. Department of Health and Human Services
Patrick Dunn, PhD, American Heart Association
Marcus R. Escobedo, MPA, The John A. Hartford Foundation
Christopher Gayer, PhD & Mira Grieser, MHS, Patient Centered Outcomes Research Institute
Victor Montori, MD, Mayo Clinic
Karen R. Sepucha, PhD, Massachusetts General Hospital
Patty & David Skolnik, Citizens for Patient Safety
Amy Vandenbroucke, JD, National POLST Paradigm

Patient Representatives
Matthew Allen
Rebecca Blackwell, PhD, RN, BSc (Hons)
Juanita Booker-Vaughns
Hiwber Flores
Constance Kizzie-Gillet
Bill Vaughan
Cheryl Walsh
Gail Weingarten, BA, MA
Pluscedia “Ms. Plus” Williams
Angela Young-Brinn, MBA

SAEM, AEM & Key Staff
Jeffrey A. Kline, MD, AEM Editor-in-Chief
Timothy Jang, MD AEM Decision Editor
Manish N. Shah, MD, MPH, AEM Decision Editor
Stacey Roseen, SAEM/AEM
Holly Byrd-Duncan, MBA, SAEM
Rick Ricer, MD and Barbara Forney
Maryanne Greketis, CMP, SAEM
Melissa McMillian, CNP, SAEM
Senem Suzek, NYU Grant Manager
CONFERENCE CHAIRS’ BIOGRAPHIES

Corita Grudzen, MD, MSHS, the Consensus Conference Chair, currently serves as Vice Chair for Research in the Ronald O. Perelman Department of Emergency Medicine and Associate Professor of Emergency Medicine and Population Health at NYU School of Medicine in New York City. Her program of research focuses on understanding and improving the quality of care patients with serious, life-limiting illness receive in the ED setting, with a specific focus on matching goals of care to treatments. Beginning in 2012, she served as an Innovation Advisor to the Centers for Medicare and Medicaid Innovation, and am the Metric Lead on an over $12 million Health Care Innovation Award titled, “Geriatric Emergency Department Innovations in Care through Workforce, Informatics and Structural Enhancements”. She has content expertise in health services research, qualitative methods, patient-centered outcomes research, emergency care, and palliative medicine, and served on the National Advisory Board for the Center to Advance Palliative Care’s IPAL-EM initiative to integrate palliative care and emergency medicine. She has current funding from the NIH, AHRQ, PCORI, and the Cambia Health Foundation. She received a Sojourns Scholar Award for her pioneering work on integrating palliative care and emergency medicine and the Academy for Women in Academic Emergency Medicine Research Award in 2015. Tweets: @policy911

Christopher R. Carpenter, MD, MSc is an Associate Professor in the Division of Emergency Medicine at Washington University in St. Louis. He has served on multiple international collaborations to improve the emergency department management of geriatric adults, including the American Geriatric Society’s Research Agenda Setting Process and the American College of Emergency Physicians’ Geriatric Section for which he served as Chair from 2012-2014. He is the current Chair of the SAEM Evidence Based Healthcare & Implementation Interest Group and the President-Elect of the Academy for Geriatric Emergency Medicine. He has over 90 peer-reviewed publications and co-authored his first textbook in 2013. Currently, he is Deputy Editor-in-Chief for Academic Emergency Medicine, as well as Associate Editor for the Journal of the American Geriatrics Society and Annals of Internal Medicine’s ACP Journal Club. Tweets: @SAEMEBM

Erik P. Hess, MD, MSc is Research Chair for the Department of Emergency Medicine, and Associate Director for the Healthcare Delivery Research Scholars Program at Mayo Clinic. He is an academic emergency physician who has completed a fellowship in critical care medicine at Mayo Clinic, a clinical research fellowship at the University of Ottawa, holds a Master of Science in epidemiology from the University of Ottawa, and a medical degree from the University of Alabama School of Medicine. Dr. Hess' primary area of academic interest is patient-centered outcomes research and shared decision making in the acute setting. The author of over 90 peer-reviewed publications, Dr. Hess has presented nationally and internationally, and also conducted workshops on patient-centered outcomes research in the acute setting. He has obtained peer-reviewed funding to conduct two multicenter shared-decision making randomized clinical trials from the Patient-Centered Outcomes Research Institute (PCORI): Chest Pain Choice and Head CT Choice. Tweets: @ErikHessMD
SPEAKERS’ BIOGRAPHIES

KEY PRESENTERS:

Amy Berman, BS, RN is a Senior Program Officer with the John A. Hartford Foundation. She heads the Foundation’s development and dissemination of innovative, cost-effective Models of Care that improve health outcomes for older adults. She has also forged collaborations with federal partners including the Centers for Medicare and Medicaid Innovation, the Office of the National Coordinator for Health Information Technology, and the Administration for Community Living. In 2010, Ms. Berman was diagnosed with stage IV breast cancer and is a driving force for person-centered care, palliative care and advance care planning. Her 2012 Health Affairs piece, Living Life in My Own Way—And Dying That Way as Well, was among the most read in the journal’s history. She has also authored work in the Washington Post and was featured in the New York Times, Wall Street Journal, Forbes, POLITICO and CBS Evening News.

Ms. Berman is an appointed member of the Office of the National Coordinator for Health Information Technology Consumer Policy Workgroup and served on the Aging Task Force for Healthy People 2020. She earned a Bachelor of Science degree in nursing from New York University College of Nursing, a Bachelor of Science degree in health care administration from the University of Massachusetts, Amherst, and a Geriatric Scholar Certificate from the Consortium of New York Geriatric Education Centers.

Maggie Breslin is a designer and researcher with a focus in healthcare. Her primary project these days is The Patient Revolution, an initiative to skill and support patients and communities as a force of change in healthcare. She pioneered the role of designer/researcher at Mayo Clinic’s Center for Innovation when she joined in 2005 and helped build that program until she left in 2011 to establish her own practice, Smaller Sanities. She collaborates with patients, doctors, clinics, hospitals and other researchers on the development of healthcare tools and programs across the globe that aim to improve the way we talk to each other about our health. She teaches in the Design for Social Innovation program at the School of Visual Arts (SVA) in NYC. She has published in journals ranging from Design Issues to Archives of Internal Medicine and had a previous life in film/television/animation/motion graphics. Maggie holds a Masters of Design (MDes) from Carnegie Mellon University and a BS in Mass Communications, Film and Television, from Miami University, Oxford, Ohio.

Jeremy Brown, MD is Director of the Office of Emergency Care Research at the National Institutes of Health. He trained as an emergency physician in Boston, and prior to joining the NIH he worked in the Department of Emergency Medicine at the George Washington University in Washington DC, where he was also the research director for the department. While at GW he founded the ED HIV screening program and was the recipient of three NIH grants which focused on a new therapy for renal colic. He continues to teach at GW on the practice of clinical research. He is the author of over thirty peer reviewed papers and three books, including two textbooks of emergency medicine, all published by Oxford University Press.
Donna Carden, MD is Professor and Director of Faculty Development for the Department of Emergency Medicine at the University of Florida, is a Diplomat of the American Board of Emergency Medicine and Fellow of the American College of Emergency Physicians. Dr. Carden graduated from Medical College of Ohio after which she completed residencies in Internal Medicine and Emergency Medicine at Henry Ford Hospital in Detroit, Michigan and served as chief resident in Emergency Medicine. Dr. Carden later completed a post-doctoral research fellowship in Molecular and Cellular Physiology at the Louisiana State University Health Sciences Center (LSUHSC), in Shreveport, Louisiana. A productive research career was followed by the opportunity to assist in developing the Department of Emergency Medicine and Emergency Medicine residency at LSUHSC, Shreveport, as well as serving as Vice-Chairman of the department. During her tenure at LSUHSC, Dr. Carden had the opportunity to mentor numerous students, residents, fellows and junior faculty and brings experience and enthusiasm in mentoring to the University of Florida. She has authored numerous manuscripts and book chapters but is most proud of being the recipient of the Leonard Tow 2006 Humanism in Medicine Award.

Brendan G. Carr, MD, MA, MS is the Director of the Emergency Care Coordination Center (ECCC) in the US Department of Health & Human Services. While in federal service, Dr. Carr maintains an appointment as Associate Dean of Healthcare Delivery Innovation & Vice-Chair of Healthcare Policy in the Department of Emergency Medicine at the Sidney Kimmel Medical College at Thomas Jefferson University. He is residency trained and board certified in emergency medicine and fellowship trained in trauma & surgical critical care. Dr. Carr is an alumnus of the Robert Wood Johnson Foundation's Clinical Scholars Program. Dr. Carr’s research focuses on understanding the intersection of population health, healthcare delivery, and healthcare outcomes. His work has been funded by the Agency for Healthcare Research & Quality, the Centers for Disease Control & Prevention, the National Institutes of Health, and private foundations. He has authored over 100 scientific papers, editorials, and book chapters in leading journals.

Patrick Dunn, PhD is the marketing manager for the American Heart Association, focusing on the high blood pressure initiative. He started working for the American Heart Association in January, 2013. His background includes 28 years in cardiac rehabilitation as both a clinical exercise physiologist and a program director, in hospital, physician practice and corporate wellness settings. Prior to joining the AHA, he also worked for 5 years as a Director of Information Strategy and Performance Excellence for a hospital system.
Marcus R. Escobedo, MPA, is a Senior Program Officer at the John A. Hartford Foundation. He oversees the development of the Foundation’s Policy and Communications portfolio and also manages grants under the Foundation’s legacy portfolio focused on medical education. Mr. Escobedo has previously held positions at the Women’s Foundation of California and Communities in Schools of Georgia and taught elementary school in Oakland, California through the Teach for America program. He currently serves as a board member of Hispanics in Philanthropy, a national non-profit organization dedicated to increasing philanthropic resources to Latino communities. He received bachelor’s degrees in sociology and communications from the University of Texas at Austin and he earned his master’s of public administration in public and nonprofit management and policy at New York University’s Robert F. Wagner School of Public Service.

Chris Gayer, PhD is a Program Officer for the Communication and Dissemination team at the Patient-Centered Outcomes Research Institute (PCORI). In this role, Gayer facilitates research initiatives aimed at improving communication and dissemination of evidence-based information among patients and their healthcare providers. Before joining PCORI, Gayer conducted community-based research studies with a focus on cancer distress screening, treatment decision making, and the cancer patient experience. Gayer is especially interested in how providers, patients, and their families work together to arrive at treatment decisions.

Mira Grieser, MHS, is a Program Officer in Addressing Disparities at the Patient-Centered Outcomes Research Institute (PCORI). Before joining PCORI, Grieser worked at the University of Maryland School of Public Health’s Trial of Activity for Adolescent Girls project, overseeing intervention evaluation and participant recruitment efforts for this national study of physical activity. She was also project coordinator for a research study in Zimbabwe that utilized qualitative methods to look at reproductive decision-making among urban and rural populations. Grieser has a BA in biology from Goshen College and an MHS from The Johns Hopkins Bloomberg School of Public Health, Department of International Health, with a focus on social sciences and public health.
**Victor M. Montori, MD**, is a Professor of Medicine at Mayo Clinic. An endocrinologist and health services researcher, Dr. Montori is the author of more than 480 peer-reviewed publications and editor of 2 books of evidence-based endocrinology. In 2014 and again in 2015, he was recognized as among the top 1% of researchers with most cited papers in clinical medicine worldwide in the last decade. He is member of the National Advisory Council of the Agency for Healthcare Research and Quality, the Editorial Advisory Board for the BMJ, and Director of Late Stage Translational Research at the Mayo Center for Clinical and Translational Science. He is a recognized expert in evidence-based medicine and shared decision making, and developer of the concept of minimally disruptive medicine. He works in Rochester, Minnesota, at Mayo Clinic's KER Unit, to advance person-centered care for patients with diabetes and other chronic conditions.

**Karen R. Sepucha, PhD** is the director of the Health Decision Sciences Center in the Division of General Internal Medicine at Massachusetts General Hospital (MGH) and an assistant professor in medicine at Harvard Medical School. Her research and clinical interests involve developing and implementing tools and methods to improve the quality of significant medical decisions made by patients and clinicians. Dr. Sepucha was the medical editor for a series of five breast cancer patient decision aids (PtDAs) developed by the not-for-profit Informed Medical Decisions Foundation. The PtDAs have won seven media awards and Dr. Sepucha has led the dissemination of these programs to more than 80 academic and community cancer centers across the country. She is also responsible for efforts to promote shared decision making in primary and specialty care across Partners HealthCare system. Her team has overseen the distribution of more than 30,000 patient decision aids and provided training in shared decision making skills to more than 900 clinicians and staff. Her recent research has focused on the development of survey instruments to measure the quality of decisions. The decision quality instruments have been used in national surveys of medical decisions, and a subset of the items have been adapted for use in the CAHPS primary care medical home patient experience survey. Dr. Sepucha has been active in local, national and international efforts to improve decision quality, including the International Patient Decision Aids Standards collaboration. She got her Ph.D. in Engineering-Economic Systems and Operations Research at Stanford University with a focus in decision sciences.
**Patty & David Skolnik**, Founders, Citizens for Patient Safety

Taught by harrowing real-life experience, Patty and David Skolnik are patient safety advocates for Shared Decision-Making, Informed Consent, Dignity for the Patient and Provider and Patient and Provider Relationships in healthcare. They founded Citizens for Patient Safety to promote those conversations in healthcare settings that are proven to reduce medical harm. Patty and David travel worldwide to educate consumers, train medical professionals, and advise lawmakers about how to foster relationships, systems and environments where Shared Decision-Making and Informed Consent is the working platform. Having lost their only son Michael to poor and lacking communication, The Skolniks’ promised him to leave the medical profession better than he found it - their work through Citizens for Patient Safety is that promise in action.

**Amy Vandenbroucke, JD** is the Executive Director for the National POLST Paradigm. Amy is a 2015 Practice Change Leader for Aging and Health, a year long program jointly supported by the Atlantic Philanthropies and the John A. Hartford Foundation, as well as a Hartford Change AGEnt through the Hartford Change AGEnts Initiative.
**PATIENT REPRESENTATIVES:**

**Rebecca Blackwell, PhD, RN, BSc (Hons)** is a native of London, England and recently moved to the US following the completion of her PhD at the Florence Nightingale Faculty of Nursing and Midwifery, King’s College London to undertake a Post-Doctoral Fellowship at New York University. Her PhD explored ways to improve the experiences of palliative care delivery in the Emergency Department for older people, their families and ED staff using Experience-based Co-design. Prior to her PhD Rebecca trained as a nurse at King’s College London and Guy’s and St Thomas’ NHS Foundation Trust before working as a palliative care nurse at St Christopher’s Hospice in Sydenham, London, and a research assistant at King’s College London. Rebecca’s research interests lie within palliative care in emergency environments (with a focus on care of older people) using participatory action research and innovative approaches to change quality improvements such as film, multidisciplinary working and developing international collaborations. She was also been involved with the Woundcare for Epidermolysis Bullosa (WEB) project (http://www.theguardian.com/higher-education-network/2013/feb/26/research-impact-winner-kings-college) and the D/deaf Awareness E-Learning project (http://www.eye-dcreative.co.uk/project/show/Kings/).

**Juanita Booker-Vaughns**

Over the past 35 years I have been a parent, parent volunteer, and educator in Special Education, Correctional Education, The Pregnant Minor Program (Esperanza), Head Start, and Courthouse Classrooms. I am the Co-Chair on the Community Caucus at The American Public Health Association (APHA), I am a member on the Community Partners in Care Council (CPIC), UC Irvine CTSI- Community Engagement Council, and I sit on the community council at LA Biomedical Research Institute at Harbor-UCLA Medical Center. I am a Community Liaison at Healthy African American Families II organization (HAAF II) in Los Angeles. HAAF II research partners are UCLA, Charles R. Drew Medical School, and RAND Corporation. I’m a wife, mother of three, and grandmother of three beautiful granddaughters.
Constance Kizzie-Gillett is a strong advocate for Alzheimer’s patients and their caregivers. She is the founder of a non-profit organization, Lillie’s Care Circle, and a small business, Lillie’s Circle of Care, which serves the Alzheimer’s community; both are named in her mother’s honor. Mrs. Gillett is a candidate for graduation on May 13, 2016 from the University of Southern California with a Master’s of Leadership.

My expertise is in community engagement working through the local church in the Los Angeles area. I am a consultant to the Cecil Murray Center for Community Engagement at the University of Southern California where I manage church networks (partners) and sub-grantees to ensure the scope of work and budgets are managed according to the mandate. I facilitate orientation and training for 150 pastors and church leaders, initiate and coordinate monthly meetings with funded networks.

I am a member of the American Public Health Association and I was appointed to the Action Board (Legislation Committee) of the American Public Health Association in October 2015. I also serve as a member of the Institutional Review Board at Charles R. Drew University of Medicine and Science as a community representative. I am a proud member of the Shared Decision Making Policy Workgroup.

Bill Vaughan is a retiree, too often using Medicare. He was a Congressional aide for 36 years, working on health subcommittees, and then a lobbyist for Consumers Union/Consumer Reports and similar groups. He is patient advocate volunteer on 4 or 5 evidence-based practice guideline and related panels.

Gail Weingarten, BA, MA
Gail has a BA in mathematics from SUNY Albany and an MA in counseling from the University of Maryland. She spent 8 years working for IBM in technical sales and management positions, followed by 5 years as the VP of Voice and Data Communications for Continental Insurance Company. She then opted for a part-time consulting position to allow her to spend more time with her 4 sons. Currently, she tutors middle school and high school math. In March of 2010 ,one of her sons suffered a Traumatic Brain Injury that dramatically changed her life. Gail now spends a major part of her time caring for and advocating for her 26-year-old son who lives at home and requires total nursing care. Her new passion is supporting TBI causes.
Pluscedia “Ms. Plus” Williams, has a faculty appointment as a Community Instructor and a community representative of the Institutional Review Board at Charles R. Drew University of Medicine and Science; adviser for Healthy African American Families II (HAAF II), completed Black Studies and continues her education in psychology and public health; over 25 years of experience working in communities plagued with social and cultural determinates of health care inequalities. My goal is to create opportunities for researchers to build a coalition between communities, community based organizations and academia.

My expertise is in engagement through involvement in community-academic research collaborative such as building wellness, pre-term and diabetes working groups, as well as the Cancer Community Academic Council. Ms. Plus is a Published Author in several journals and recently received the 2015 Landmark Award and the 2014 Joint Team Science Awards from The Association for Clinical & Translational Science and the American Federation for Medical Research.

She is a member of the Scientific Advisory Council (SAC) of UCLA/Harbor BioMed, of the RTRN IRB Harmonization Sub- Committee and active member of Community Partners in Care (CPIC). Nationally, Past President of the National Community Based Organization Network (NCBON); co-organized a Learning Institute (LI); first community co-sessions planner for associated conference activities in conjunction with the American Public Association (APHA) in Boston, a member of PCORnet Engagement Committee, has served as moderator/facilitator and presented at national conferences and forums. In summary, I have exercised leadership and motivation necessary to successfully carry out the proposed work.

Angela Young-Brinn, MBA, is a CDU community faculty member, who has participated extensively in numerous clinical projects that have engaged community-based organizations across the low-income communities of South Los Angeles. Through my current and previous leadership positions, I am qualified and prepared to successfully help accomplish the goals of this project. I have leadership experience within local communities that I can bring to bear on the success of this application. I have been the Deputy Director of the JDP Foundation since 2010 as well as a research interviewer at Cedars-Sinai Medical Center. I have also been the Deputy Director for the Healthy African American Families II, a Diabetes Working Group Social Support and Empowerment Facilitator. In addition to my experience with community engagement, particular with underserved populations, I am also certified in Diabetes and Asthma Care Education and other professional accreditations and training that qualify me my work relating to community health related issues that this application will study.
EXECUTIVE COMMITTEE

Jennifer Kryworuchko, PhD, RN, CNCC(C) is an Associate Professor at the University of British Columbia School of Nursing and Centre for Health Services and Policy Research, and Scientist at the BC Centre for Palliative Care. Her research examines the organization and delivery of health care services to optimize patient and family involvement in health decision making, and to improve access to palliative care. She has developed and field tested patient decision aids for resuscitation (CPR) and end of life decisions (Life Support). She has contributed to the development of generic tools, such as the Ottawa Family Decision Guide, clinical program improvement, and Shared Decision Making skills workshops for healthcare providers. She uses an integrated knowledge translation approach to ensure that findings are meaningfully included in policy, system design and care delivery. Current projects focus on how people are positioned differently and how choice is shaped by social, cultural, economic and political contexts; and develop and test multi-level interventions to improve decision-making and access to palliative care in the last year of life. She has a particular interest in improving care with people who are structurally vulnerable (e.g. people with disabilities, people who are unstably housed, and those with mental health challenges and addictions) since they are most vulnerable to poor engagement in decisions about their care and disproportionately at risk of dying without palliative care in the last year of their lives.

Annie LeBlanc, PhD is an Assistant Professor of Health Services Research within the Division of Health Care and Policy Research, and investigator within the Mayo Clinic Knowledge and Evaluation Research Unit and the Robert D. and Patricia E. Kern Center for the Science of Health Care Delivery, at the Mayo Clinic, Rochester, MN. Her research focuses on the translation of comparative effectiveness research into practice through the design, evaluation, and implementation of patient-centered interventions such as shared decision making in primary care. She currently leads a federally funded multicenter randomized trial on the implementation of decision aids/shared decision making across Minnesota and Wisconsin primary care practices. Dr. LeBlanc served as the 2013 Scientific Chair of the 7th International Shared Decision Making Conference.

Ali S. Raja, MD, MBA, MPH is Vice-Chairman of the Department of Emergency Medicine at Massachusetts General Hospital, and an Associate Professor of Emergency Medicine at Harvard Medical School. He is board-certified in emergency medicine and clinical informatics, completed a residency in emergency medicine at the University of Cincinnati, and holds graduate degrees from both Harvard and Duke Universities. The author of over 80 peer-reviewed articles and book chapters, his research focuses on improving adherence to evidence-based practice by better informing both patients and their physicians regarding the appropriateness of medical tests and treatments.
Richard Thomson, BM, BCh leads the Decision Making and Organization of Care Research Group within the Institute of Health and Society at Newcastle University. He is a Professor of Epidemiology and Public Health in IHS and Associate Dean for Patient and Public Engagement for the Faculty of Medical Sciences. His primary research interests are in shared decision making (SDM), patient safety and patient involvement. Richard has been PI on many studies, most recently in development and evaluation of decision support, and co-led two NIHR program grants, one including SDM and hyperacute stroke, the other on involvement of patients in patient safety. He co-led the large program on implementation of SDM (MAGIC – Making Good Decisions in Collaboration) with Glyn Elwyn in Cardiff, supported by the Health Foundation.

SAEM & AEM:

Jeffrey A. Kline, MD - In college, I wanted to be an MD-PhD scientist, but life only afforded me an MD degree and then a research fellowship in cardiac energy metabolism. I went on to study pulmonary embolism in animal models, then humans. Over the last two decades, I learned through trial and error (mostly the latter), the science of diagnosis, prognosis, then clinical trials in humans. Most lately, I have come to see that no table, figure, paper or presentation makes any difference unless patients understand and want my data. Thus, I have evolved further to understand the imperative to design and conduct research with methods and outcomes that treat patients as partners. To walk in their shoes before I design a research protocol. I emphasize this transition was coincident with, but independent of, the creation of PCORI. Further to this transition, I took the role as Editor-in-Chief of Academic Emergency Medicine with the zeitgeist to “Elevate the human condition during times of emergency.” This phase emphasizes that researchers and patients yearn for knowledge that considers patients and providers (us) as whole persons, as opposed to walking disease states, or members of a particular medical tribe. I actively promulgate research that amalgamates science with carefully reasoned spirituality to enhance human connectivity, as we protect, teach and shepherd patients through distress, to help them regain physiological and psychological control over disease. Also, I have learned not take myself too seriously.

Timothy Jang, MD is an Associate Professor of Clinical Medicine at the David Geffen School of Medicine at UCLA. He graduated from UCSD School of Medicine and completed his residency and fellowship at Washington University in St. Louis. He has been on faculty at St. Louis University, Washington University in St. Louis, and UCLA where he currently serves as the Director of Emergency Ultrasonography. He is an Associate Editor for Academic Emergency Medicine with content expertise in emergency radiology, critical care, decision making, and education. When he's not working in the ED, he is active in his church and likes to go rock climbing.
Manish N. Shah, MD, MPH is a health services researcher, emergency physician, and EMS physician dedicated to improving the delivery of EMS and ED care to older adults. He is specifically interested in developing and testing innovative approaches to deliver emergency care to older adults, with a goal of improving both short and long term patient outcomes. His work has focused on creating the scientific foundation for the field of community paramedicine / mobile integrated health care and telemedicine. Dr. Shah has been awarded numerous grants from foundations and federal sources, including a K23, 2 R01s, and a U01 grant, and has published over 90 peer reviewed research manuscripts, making him one of the leading researchers in geriatric emergency medicine and emergency medicine.

Dr. Shah also has a deep commitment to training and developing researchers. He has mentored many undergraduate, graduate, and medical students; residents; fellows; and faculty. A number are now independent, grant-funded researchers who have had a profound influence within their own fields.
STEERING COMMITTEE

Benjamin Abella, MD, MPhil is the Clinical Research Director of the Center for Resuscitation Science, at the University of Pennsylvania, and an Associate Professor of Emergency Medicine. He attended medical school at Johns Hopkins and then completed both internal medicine and emergency medicine residencies at the University of Chicago. Dr. Abella has authored over 100 scholarly works in numerous professional journals including JAMA and Circulation, and has authored review monographs and textbook chapters on cardiac arrest and resuscitation. He is the incoming chair of the AHA National 3CPR Council and has participated in developing international CPR guidelines. He has won a number of honors for his research, clinical care in the Emergency Department and his teaching of residents and medical students, and has lectured widely on the topics of cardiac arrest and post-arrest hypothermia treatment. The investigative work of Dr. Abella’s team is supported by funding from the NIH, AHA and Medtronic Foundation, as well as industry sources.

Tyler W. Barrett, MD, MSCI obtained his undergraduate degree from the University of Michigan, Ann Arbor followed by his doctorate at Vanderbilt University School of Medicine. He completed an Emergency Medicine residency and chief resident year at the University of California, Los Angeles in 2005. Dr. Barrett then joined the faculty at Vanderbilt University School of Medicine. In 2008, he was awarded an institutional research development grant and obtained a Master of Science in Clinical Investigation degree in 2010. He currently serves as an Associate Professor of Emergency Medicine at Vanderbilt University. Dr. Barrett serves as his Department’s Director of Process Improvement, Director for the Junior Faculty Development Program, and Patient Safety Officer. He was awarded the 2010-11 Emergency Medicine Foundation Young Investigator Award and was supported as principal investigator by a NHLBI K23 award. His research goals are to improve the emergency department management of atrial fibrillation utilizing risk stratification to augment physician decision-making, and develop personalized treatment protocols. His Atrial Fibrillation/Flutter Outcome Risk Determination (AFFORD) study enrolled the largest single center, emergency department based, prospective cohort of patients with symptomatic atrial fibrillation in the United States. He has published over 90 peer-reviewed manuscripts and abstracts. Dr. Barrett serves on the editorial board of Annals of Emergency Medicine. He was selected as a Fellow of The American College of Emergency Physicians in 2008. Dr. Barrett was awarded Fellowship in the Heart Rhythm Society in 2014.

M. Fernanda Bellolio, MD, MS is an emergency physician and health sciences researcher dedicated to research methodology, knowledge synthesis and comparative effectiveness. Dr. Bellolio works with secondary data, including big data, and clinical and claims data analysis, as well as systematic reviews. Dr. Bellolio participates in research related to patient-centered outcomes and acute neurological emergencies.
Aaron Brody, MD, MPH’s research focus is developing innovative methods to deliver elements of primary care to undeserved population in the emergency department setting, specifically regarding cardiovascular disease. He has collaborated on several funded trials addressing uncontrolled hypertension. In his newest role, he is excited to participate in the conceptualization and design of a Division of Public Health within his department.

Esther H H Chen, MD is a Professor of Emergency Medicine at the University of California, San Francisco/San Francisco General Hospital and the Associate Residency Director of the Emergency Medicine residency program. Her academic interests include curriculum development and assessment of clinical skills within graduate medical education as well as selective use of diagnostic imaging in the ED. She completed her medical degree at SUNY Stony Brook and residency training at University of Pennsylvania.

Sean Collins, MD, MSc is an Associate Professor, Vice Chairman for Research and director of the Clinical Trials Center in the Department of Emergency Medicine at Vanderbilt University. His current research interests are in acute heart failure (AHF) and ED-based clinical trials.

Dr. Collins completed residency at the University of Cincinnati. After his chief resident year, he spent 10 years as faculty at the University of Cincinnati and was promoted to Associate Professor. During this time, he completed a research fellowship and obtained his MSc in epidemiology from the Harvard School of Public Health. In July 2011, Dr. Collins joined the Vanderbilt faculty as an Associate Professor. He is a member of multiple professional organizations and was elected as a fellow in both the American College of Cardiology and the American Heart Association. He recently became the first emergency physician elected to the Executive Council of the Heart Failure Society of America (HFSA). This is HFSA’s highest governing body. Dr. Collins is currently funded by NHLBI and PCORI. His PCORI trial evaluates interventions in patients with AHF discharged from the ED. He co-directs an AHF clinical trials network which is being utilized for his PCORI randomized trial. Dr. Collins is also co-director of Vanderbilt’s NIH K12 program. He has directed and served on several steering committees for international AHF trials and has published over 100 peer-reviewed manuscripts often as first or senior author.
Richard T. Griffey, MD, MPH is Associate Chief and Director of Quality and Safety in the Department of Emergency Medicine at Barnes-Jewish Hospital, Associate Professor of Emergency Medicine at Washington University School of Medicine, and Scholar and Coursemaster in the Washington University Institute for Public Health. Dr. Griffey’s operational, teaching, and research interests are in quality improvement, patient safety, implementation science and evidence based imaging. Dr. Griffey has held various leadership roles in quality and safety related groups in the American College of Emergency Physicians, representing ACEP at the National Quality Forum and the Physician Consortium for Performance Improvement. He is author of numerous peer reviewed publications, a reviewer for major journals and is on the editorial board of Academic Emergency Medicine. Recently Dr. Griffey led several ED-based studies addressing limited health literacy and numeracy, including approaches to screening, implications for ED utilization and recidivism, and use of the teach-back method to improve comprehension.

Judd E. Hollander, MD, is Associate Dean for Strategic Health Initiatives at Sidney Kimmel Medical College at Thomas Jefferson University and Professor & Vice Chair of Finance and Healthcare Enterprises in the Department of Emergency Medicine, where responsibilities include the JeffConnect Telemedicine Program and Jefferson Urgent Care. He graduated from New York University Medical School in 1986, completed an Internal Medicine Residency at Barnes Hospital in 1989, and an Emergency Medicine Residency at Jacobi Hospital in 1992. His research interests include risk stratification and treatment of patients with potential acute coronary syndromes and congestive heart failure; cocaine associated cardiovascular complications; and laceration and wound management. Dr. Hollander has published over 400 peer-reviewed articles, book chapters, and editorials on these and other topics. Dr. Hollander was President of the Society for Academic Emergency Medicine, and has chaired the SAEM Program Committee and Emergency Medicine Foundation Scientific Review Committee. He is currently Deputy Editor for the Annals of Emergency Medicine. Dr. Hollander was the awarded the ACEP Award for Outstanding Research in 2001, the Hal Jayne SAEM Academic Excellence Award in 2003 and the SAEM Leadership Award in 2011.

Hemal Kanzaria, MD, MS is an Assistant Professor of Emergency Medicine at the University of California, San Francisco (UCSF). Dr. Kanzaria practices clinically at San Francisco General Hospital (SFGH), where he teaches housestaff and helps direct emergency department lean improvement efforts. He is the Director of Complex Care Analytics for the San Francisco Health Network (SFHN), where he leads a multidisciplinary team to improve whole-person care for high-utilizers of emergent/urgent medical, behavioral, and social services. Dr. Kanzaria is also an Adjunct scientist at RAND Health and affiliated with the Center for Innovation in Access and Quality at SFGH, where his research and policy work focuses on methods to increase the delivery of patient-centered, high-value, health care. Prior to his current appointment, Dr. Kanzaria was a Robert Wood Johnson Clinical Scholar at UCLA. He completed his medical degree and residency at UCSF-SFGH, during which time he founded Remedy at UCSF to recover unused medical supplies for socially responsible redistribution. The
organization has provided medical equipment to underserved communities both locally and globally, and has been instrumental in several disaster relief efforts.

**Nathan Kuppermann, MD, MPH** is Professor of Emergency Medicine and Pediatrics, and the Bo Tomas Brofeldt Endowed Chair of the Department of Emergency Medicine at UC Davis. He is a pediatric emergency medicine (PEM) physician and clinical epidemiologist, and a leader in emergency medical services for children, particularly in multicenter research. Research foci for which he is a leading national investigator include 1) infectious emergencies in children including the laboratory evaluation of young febrile children, 2) the evaluation of children at risk of diabetic ketoacidosis-related cerebral injury, and 3) the laboratory and radiographic evaluation of the pediatric trauma patient. He has published works in all three focus areas in high-impact journals such as the New England Journal of Medicine, JAMA, BMJ, and the Lancet. He focuses his work on clinical prediction rules, having recently derived and validated a prediction rule for traumatic brain injury after minor blunt head trauma in more than 40,000 injured children, and co-led a separate project to derive a prediction rule for intra-abdominal injury in more than 12,000 injured children. The goal of these rules is to decrease unnecessary CT scans in this vulnerable population. Dr. Kuppermann is also involved in knowledge translation research, using the electronic health record, computerized decision support, and shared decision making, with the ultimate goal of seamlessly getting evidence to the provider and patient at the point of clinical care.

**Phillip D. Levy, MD, MPH** is a Professor at the Wayne State University School of Medicine and the Associate Chair for Research in the Department of Emergency Medicine. He is a Fellow of the American College of Emergency Physicians and the American Heart Association. He serves as a reviewer for the NIH CHAS study section, a member of the Grants Advisory Panel for the Blue Cross Blue Shield of Michigan Foundation and a member of the Scientific Review Committee for the American College of Emergency Physicians. Dr. Levy is a recognized expert in cardiovascular research and has served on the National Heart, Lung and Blood Institute’s Working Group on Management of Acute Heart Failure in the Emergency Department: Research Challenges and was as a member of the American Heart Association Scientific Statement Writing Group on Acute Heart Failure Syndromes - Emergency Department Presentation, Treatment and Disposition.

**Brandon Maughan, MD, MHS, MSHP** is a community-based emergency physician at Emergency Physicians Integrated Care in Salt Lake City, Utah. Dr. Maughan also works as a consultant at The Lewin Group, a health policy and human services consulting firm, where he conducts policy evaluations of value-based purchasing programs and contributes to the development of clinical quality measures. Dr. Maughan completed his emergency medicine residency and chief residency at Brown University/Rhode Island Hospital. He subsequently completed a fellowship as a Robert Wood Johnson Foundation Clinical Scholar at the University of Pennsylvania, during which his research focused on policy interventions to reduce prescription drug abuse.
Candace D. McNaughton, MD, MPH, completed medical school at Washington University St. Louis and residency in emergency medicine at Vanderbilt University Medical Center. She then completed the VA Quality Scholar Fellowship Program and a master of public health, followed by ongoing doctoral work in epidemiology. She is funded by the NHLBI, and her research interests include health communication, numeracy, health literacy, and medication adherence with an emphasis on hypertension and elevated blood pressure among patients who seek care in the emergency department.

Zachary F Meisel, MD, MPH, MSHP is Assistant Professor of Emergency Medicine at the Hospital of the University of Pennsylvania and an Attending Physician in the Department of Emergency Medicine. Dr. Meisel is a Medical Editor of The Health Economist: A Policy Journal from the Leonard Davis Institute of Health Economics. Dr. Meisel is a Patient Safety Officer at the Hospital of the University of Pennsylvania and Co-Director of the Center for Emergency Care Policy Research at the University of Pennsylvania School of Medicine. He is Director and Principal Investigator, Center for Health Economics of Treatment Interventions for Substance Use Disorder, HCV, and HIV (cherish) Policy and Dissemination Core.

Dr. Meisel has a specific academic interest in the use of narrative communication for the translation of evidence to patients, providers and policymakers and is funded by the U.S. Agency for Healthcare Quality and the William T. Grant Foundation to explore this topic in the realm of guideline adoption for providers who treat patients with acute pain. Dr. Meisel has two specific academic interests in SDM: 1) the role of SDM in pain prescription decisions for patients with acute painful conditions and 2) the role of narrative communication for translating evidence when there is equipoise and how storytelling can (and cannot) be used for SDM.
Edward Ted Melnick, MD is a physician-scientist at Yale School of medicine. He completed his medical degree at the Georgetown University School of Medicine and his emergency medicine residency at the Mount Sinai School of Medicine. Dr. Melnick’s research focuses on traumatic brain injury, informatics and patient-centered approaches to overuse of diagnostic imaging in the ED. Dr. Melnick is now three years into a K08 award with the Agency for Healthcare Research and Quality. The goal of this award is to improve clinical decisions around mild traumatic brain injury (mTBI or concussion) by shifting the paradigm for concussion care in the emergency department from unnecessary diagnostic imaging to better aftercare, education, and engagement.

Kei Ouchi, MD is a second year Fellow in Health Policy Research in the Department of Emergency Medicine at BWH. He obtained MD degree from Georgetown University and subsequently completed combined residency in emergency medicine and internal medicine at Long Island Jewish Medical Center, New York. He is passionate about improving the care delivered to older adults with serious, life-threatening illness in the emergency department (ED). He believes in the ED’s potential role to serve as the screening point for such patients, and align their preferences to the care in which they receive towards the end of life. During the fellowship, his goals are to gain skills necessary to become an independent health services researcher and explore the ways to apply the research findings into daily practice of emergency medicine.
Timothy F. Platts-Mills, MD, MSc received his undergraduate degree from Harvard College and his medical degree from the University of California, Los Angeles. He completed a four year residency in emergency medicine at the University of California San Francisco-Fresno. After working full time clinically for three years at the University of North Carolina at Chapel Hill, Dr. Platts-Mills completed a Masters of Science in Clinical Research from the UNC Gillings School of Global Public Health. He is currently an assistant professor in the Department of Emergency Medicine at the UNC with joint appointments with the Department of Anesthesiology and the Department of Medicine, Division of Geriatrics. He is the recipient of a K23 career development award from the National Institute on Aging; mentors for this award are Dr. Samuel McLean and Dr. Philip Sloane.

Dr. Platts-Mills’s career goal is to improve the quality of emergency care for older adults through research, research mentorship, and support of the larger community of geriatric emergency medicine researchers. Dr. Platts-Mills’s K23 research examines the determinants of persistent pain and functional decline after motor vehicle collision among older adults. The long-term goal of this work is to develop emergency department-initiated interventions to reduce morbidity due to persistent pain after motor vehicle collision in the elderly. A related area of research interest is improving patient education and physician decision making regarding pharmacologic agents for the outpatient treatment of acute musculoskeletal pain in older adults. Dr. Platts-Mills’s research group is also developing a protocol to screen for elder abuse in the emergency department. Dr. Platts-Mills’s research depends upon a group of outstanding mentees, and he has received both teaching and mentoring awards for these productive collaborations. He also serves as a decision editor in geriatrics for Annals of Emergency Medicine.

Marc Probst, MD, MS is currently an Assistant Professor of Emergency Medicine at the Icahn School of Medicine at Mount Sinai in New York City. He obtained his MD degree from McGill University in Montreal, Canada before moving to Los Angeles to pursue residency training at LA-County USC Medical Center. Dr. Probst is currently funded by the National Heart Lung and Blood Institute under the K12 career development award. His research interests include syncope and shared decision-making in the emergency department.
Lynne D. Richardson, MD is a Professor of Emergency Medicine, Professor of Health Evidence and Policy, and Vice Chair for Academic, Research and Community Programs of the Department of Emergency Medicine at The Icahn School of Medicine at Mount Sinai in New York City. A native New Yorker, she holds Bachelor's degrees from Massachusetts Institute of Technology in Life Sciences and Management; and the MD degree from the Albert Einstein College of Medicine. She completed her Emergency Medicine Residency at Jacobi Hospital/Albert Einstein College of Medicine, and completed a research fellowship with the AAMC Health Services Research Institute. Dr. Richardson has been board certified in Emergency Medicine since 1985 and is a Fellow of the American College of Emergency Physicians.

Dr. Richardson is a practicing emergency physician and a nationally recognized expert in health services research. Her areas of interest are access and barriers to care, improving effective utilization of health care resources, and healthcare disparities. She was the Principal Investigator for the New York City Site of the PAD Trial, an international, randomized, controlled trial of public access defibrillation. She is Principal Investigator for Community VOICES (Community Views On Informed Consent in Emergency Situations), an NIH-funded study which is seeking to develop effective methods for communicating with communities about emergency research. She is also Co-Project Director of the CEREDI program – an NIH funded initiative to use comparative effectiveness research to eliminate health disparities. Dr. Richardson, who has a strong track record of mentoring young investigators to productive academic careers, was recently awarded a K12 Research Career Development Program in Emergency Medicine, one of the first in the country.

Kristin Rising, MD, MS is an Assistant Professor and the Director of Acute Care Transitions in the Department of Emergency Medicine at Thomas Jefferson University. Dr. Rising graduated from the University of California San Francisco medical school in 2008, and completed an internal medicine preliminary year in 2009 and an emergency medicine residency in 2012 both at Boston Medical Center. She then completed a 2-year NIH T32-funded health services research fellowship at the University of Pennsylvania from 2012-2014, during which she obtained a Masters of Science in Health Policy Research. Her research interests include exploring how we can improve the quality and capacity of the US acute care delivery system to best serve individual patient needs. She is currently the principal investigator a 3-year award from the Patient Centered Outcomes Research Institute (PCORI) that is designed to explore methods of most effectively eliciting patient-important outcomes for use in patient-centered research. In addition, she has ongoing projects aimed at developing a model for providing patient-centered transitional care upon discharge from the emergency department. Dr. Rising is peer reviewer for multiple academic journals, and was recognized as a top peer reviewer for both Annals of Emergency Medicine and Academic Emergency Medicine in 2013 and 2014. She serves as a member of the Research Committees for both the Society for Academic Emergency Medicine (2012-present) and The American College of Emergency Physicians (2014-present).
Arjun K. Venkatesh MD, MBA, MHS is an Assistant Professor and Director of Quality and Safety Research and Strategy in the Department of Emergency Medicine at the Yale University School of Medicine. He is also a Scientist at the Yale New Haven Hospital-Center for Outcomes Research and Evaluation (CORE). Dr. Venkatesh’s work is focused on the development of performance measures designed to improve emergency department, hospital and health system outcomes. He has been funded by the Agency for Healthcare Research Quality and the Emergency Medicine Foundation to study care transitions and hospital utilization of observation services, and he works under contract with the Centers for Medicare and Medicaid Services to develop and maintain hospital-level performance measures and hospital quality rating systems. Dr. Venkatesh also co-leads the ACEP Support and Alignment Network as part of the Centers for Medicare and Medicaid Innovation Transforming Clinical Practice Initiative. Currently Dr. Venkatesh holds a variety of national leadership roles with the American College of Emergency Physicians, the Society for Academic Emergency Medicine and serves on several technical expert panels for the National Quality Forum (NQF) and the Agency for Healthcare Research and Quality (AHRQ). Dr. Venkatesh has earned an undergraduate degree at Northwestern University, an MBA from The Ohio State University and his medical degree from the Northwestern University Feinberg School of Medicine. Most recently he completed Emergency Medicine residency at Brigham and Women’s and Massachusetts General Hospitals and the Robert Wood Johnson Clinical Scholars Program at Yale University. He is originally from Dayton, OH and resides in New Haven.

Stephen P. Wall, MD, MSc, MAEd, is an Associate Professor of Emergency Medicine and Population Health at the Bellevue Hospital Center, NYU School of Medicine. He received his Doctorate of Medicine from the NYU School of Medicine, a Masters of Science in Health Services Research from the UCLA School of Public Health and a Masters of Education, Communication, and Technology from NYU’s Steinhardt School of Culture, Education, and Human Development. Dr. Wall’s research interests are focused on investigating multimedia education methods aimed at informing patients, in culturally sensitive ways, about their health behaviors, medical problems, and risk for illness. His electronic media patient education laboratory is funded through two NIH R01 awards from NIDDK, a R25 educational program grant from the NIH Fogarty International Center, and a collaborative grant from the Insurance Institute for Highway Safety.

Kabir Yadav, MD is emergency medicine faculty in the Harbor-UCLA Medical Center and an Associate Professor in the Department of Emergency Medicine at the University of California Los Angeles. Having completed residency at SUNY Downstate Medical Center and a clinical research fellowship at the Jacobi Medical Center, he is one of the first board-certified Clinical Informaticians in the country and holds Masters degrees in Clinical Research Methods, and Clinical & Translational Research. With a broad research interest in supporting medical decision making through technology, he has conducted funded research on developing clinical decision aids, extracting outcomes data from free text electronic health record data, developing workflow-sensitive electronic clinical decision support systems, and using mHealth to enhance patient engagement. He has 29 peer-reviewed publications and over 40 published abstracts.
TRAVEL Awardees

Dowin Boatright, MD, MBA (VA Scholar) earned his undergraduate degree from Morehouse College. He received his medical degree from Baylor College of Medicine along with an MBA from Rice University. Dr. Boatright completed residency in Emergency Medicine at Denver Health. As a Robert Wood Johnson Clinical Scholar, Dowin is interested in diversity in medicine, high utilizers of the emergency department, and emergency department quality measures.

Ana Castaneda-Guarderas, MD is a Peruvian research physician working as a research fellow at the Emergency Medicine Department at Mayo Clinic. After graduating from medical school she worked for CONEVID, a Peruvian non-profit organization aimed at giving young investigators the opportunity to design and conduct projects under the mentorship of prestigious outside researchers. Dr. Castaneda-Guarderas trained in the Knowledge and Evaluation Research (KER) Unit at Mayo Clinic. A research unit focused on translating the best available research evidence into clinical practice through evidence synthesis and through enhancements in the patient-clinician encounter. She is interested in promoting patient-centered approaches and applying shared decision making, evidence based medicine and minimally disruptive medicine in Emergency Medicine, particularly in the LGBT population.

Kenneth Dodd, MD is a resident physician in the combined Emergency/Internal/Critical Care Medicine program at Hennepin County Medical Center. His research interests span the fields of shared decision making, acute coronary syndrome, airway management, and cardiopulmonary resuscitation. He also serves on multiple committees, including the American College of Emergency Physicians’ Research Committee and the Society for Academic Emergency Medicine Social Media Committee. This is his second year serving as the Director of Social Media for the Academic Emergency Medicine Consensus Conference.

Kaoru Itakura, MD is a second year Emergency Medicine resident at Harbor-UCLA. She was born and raised in the San Francisco Bay Area. She completed her undergraduate degree at Dartmouth and attended medical school at UCSF.

Rachel Lindor, MD received her M.D. from Mayo Medical School and her J.D. from Arizona State University College of Law. Prior to starting residency, she served as a fellow at the U.S. Department of Health and Human Services, where her work focused primarily on Medicare coverage and reimbursement policy, and also served as the research director of the Center for Law, Science, and Innovation at Arizona State University College of Law. She is currently a second-year emergency medicine resident at the Mayo Clinic in Rochester, MN.
Warren Perry, MD is originally from Raleigh, North Carolina where he received his undergraduate degree from North Carolina State University. He attended Yale University for medical school and subsequently matched into Yale Emergency Medicine Residency Program. Dr. Perry is currently a third year resident in his program and will be a Chief Resident next year. His current area of interest is emergency department administration and improving the use of electronic health records. Within his department, he has contributed to the formation of the diversity committee and the recruitment of underrepresented minorities to the Yale Emergency Medicine Residency. At Yale New Haven Hospital he serves on the executive board for the Minority Housestaff Organization, which is the minority body for residents. As a member of the Emergency Medicine Residents’ Association, Dr. Perry has held the Vice Chair position for the Informatics Committee and will be finishing his tenure as Chair this year. In regards to academic and professional societies, Dr. Perry is a member of the Society for Academic Emergency Medicine and the American College of Emergency Physicians.

2017 AEM CONSENSUS CONFERENCE CALL FOR PAPERS

May 16-19, 2017, Hyatt Regency, Orlando, FL

Catalyzing System Change Through Health Care Simulation: Systems, Competency, and Outcomes

Accepted manuscripts will present original, high-quality research. They may include work in clinical, translational, health systems, policy, or basic science research. Research papers on this topic, if accepted, will be published together with the conference proceedings in the December 2017 issue of Academic Emergency Medicine. All submissions will undergo peer review and publication cannot be guaranteed. For information contact the conference co-chairs William Bond, MD (William.F.Bond@jumpsimulation.org), Rosemarie Fernandez, MD (fernanre@comcast.net), and Joshua Hui, MD (joshhui@gmail.com)

Submission deadline: April 17, 2017