



Diagnostic Error in Medicine (DEM) ANNUAL CONFERENCE

OCTOBER 23-26, 2011 | HYATT REGENCY, CHICAGO, IL
www.smdm.org/diagnostic_errors.shtml

Speaker Biographies

Updated as of Monday, September 12, 2011



Mark Beeman, PhD, Northwestern University, Evanston IL



Leonard Berlin, MD, FACR, NorthShore University HealthSystem, Skokie Hospital, Skokie, IL

Leonard Berlin, M.D., FACR, was born, raised, and educated in Chicago. After receiving his Bachelor's Degree from the University of Illinois, he attended the University of Illinois College of Medicine in Chicago where he was awarded his M.D. degree in 1959, and completed his residency in radiology in 1963. Dr. Berlin then served in the United States Air Force with the rank of Captain, as a radiologist. Upon returning to Chicago in 1965, Dr. Berlin became an Assistant Professor of Radiology at the University of Illinois. In 1966 he joined the staff of Rush North Shore Medical Center (then known as Skokie Valley Community Hospital), and in 1977 was appointed chairman of its Department of Radiology. On January 1, 2009 the Medical Center was renamed NorthShore University HealthSystem, Skokie Hospital, and Dr. Berlin assumed the position of Vice-Chairman of Radiology, and on January 1, 2011 joined the Emeritus staff. Dr. Berlin has been an active participant in academic radiological and other medical affairs, both locally and nationally. He has been a Professor of Radiology at Rush Medical College for 24 years. He has written more than 330 scientific articles, seven book chapters, and a book entitled "Malpractice Issues in Radiology," now in its third edition. Dr. Berlin has also given more than 330 lectures on various medical subjects both nationally and internationally, primarily on the topic of radiologic malpractice and risk management. He is board certified by the American Board of Radiology, and was elected as a Fellow in the American College of Radiology in 1979. Dr. Berlin was awarded the Gold Medals for distinguished service to Radiology by the American Roentgen Ray Society in 2002 and the Chicago Radiological Society in 2005. He is a member of numerous national and local medical societies and other professional organizations, serving in various capacities including membership on or chairman of many strategic committees. Dr. Berlin served as a member of the College's Council Steering Committee from 2006 to 2009. He is immediate-past Chairman of the Radiological Society of North America's Professionalism Committee, and immediate past Chairman of the American College of Radiology's Ethics Committee. He served as the Chairman of the American College of Radiology's Task Force on Conflict of Interest from 2009 – 2011, and currently serves as Co-Chairman of the RSNA-ACR Task Force to Develop a Core Curriculum on Professionalism for Radiology Residents. In 1997-98, Dr. Berlin served as President of the Chicago Radiological Society, and in 2006-2007 as President of the Illinois Radiological Society. He received the University of Illinois College of Medicine's Distinguished Alumnus Award in 2009, was awarded Honorary Membership in the Italian Society of Radiology in 2010, and served as Honorary President of the Sao Paulo Radiology Society Annual Meeting in Brazil April, 2011. Dr. Berlin was awarded the American College of Radiology's Gold Medal for distinguished service at its annual meeting on May 15, 2011.



Beau Bruce, MD, MS, Emory University, Atlanta, GA

Beau B. Bruce, MD, MS is Assistant Professor of Ophthalmology and Neurology at Emory University School of Medicine and Medical Director of Clinical Trials for the Department of Ophthalmology. He received his undergraduate training at the Georgia Institute of Technology and his medical training at Emory University. He completed internship at Brigham and Women's Hospital, neurology residency at the Partners Neurology Program (Massachusetts General Hospital & Brigham and Women's Hospital), and neuro-ophthalmology fellowship at Emory University. He holds a Masters of Science in Clinical Research from the Rollins School of Public Health at Emory University. Dr. Bruce joined the faculty of Emory University in 2008. His research is focused on the use of non-mydriatic fundus photography for the diagnosis of ocular findings relevant to the care of patients with acute neurologic and systemic medical conditions and the epidemiology of idiopathic intracranial hypertension. He is the author or coauthor of more than 30 peer reviewed publications and book chapters, and he is an active member of the American Academy of Neurology, North American Neuro-Ophthalmology Society, Society of Clinical Trials, Association for Research in Vision and Ophthalmology, and Society for Clinical and Translational Science.



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Cindy L. Bryce, PhD, DEM Executive Committee, University of Pittsburgh, Graduate School of Public Health, Pittsburgh, PA

Cindy L. Bryce is Associate Professor of Health Policy and Management, with secondary appointments in Medicine and Clinical and Translational Science; she is also Associate Dean for Student Affairs in the Graduate School of Public Health. She received her PhD in Policy Analysis from Carnegie Mellon University. Her research interests include decision analysis and psychology of decision making for health-related decisions, and her substantive areas of interest include organ allocation and transplantation, diabetes prevention and management, and surrogate decision-making related to critical illness.



Philip E. Castle, PhD, MPH, Executive Director, American Society for Clinical Pathology Institute and Center for Health Services Research, Washington, DC

On January 1, 2011, Dr. Philip Castle became the Executive Director of the American Society for Clinical Pathology (ASCP) Institute. Previously, he was a Senior, Tenured Investigator (2010-11) and Tenure-Track Investigator (2003-10) in the Division of Cancer Epidemiology and Genetics (DCEG) at the U.S. National Cancer Institute (NCI). He received his Ph.D. in Biophysics in 1995 and M.P.H. in Epidemiology in 2000 from the Johns Hopkins University. Dr. Castle did a post-doctoral fellowship at the NIH on the molecular biology of the zona pellucida from 1995-1999, and was a Cancer Prevention Fellow at NCI from 2000-2003. Dr. Castle's professional interests are (1) epidemiology of human papillomaviruses (HPV) and cervical/anogenital cancer; (2) science and translation of cancer prevention strategies; (3) evidence-based medicine; and (4) international health. At ASCP, Dr. Castle will be leading two programs, the Center for Health Services Research and for Global Outreach. While at the NCI, he started several epidemiologic studies, including the Mississippi Delta Project, The HPV Persistence and Progression Cohort at Kaiser Permanente Northern California, the Anal Cancer Screening Study, and the Low-Cost Molecular Cervical Cancer Screening Study in China, the latter of which he remains the Principal Investigator. Dr. Castle has published over 200 papers on HPV and cervical cancer, including in such prestigious journals as the New England Journal of Medicine, Lancet, Lancet Oncology, Journal of the National Cancer Institute, British Medical Journal, and Cancer Research. He currently serves on the editorial boards of the Journal of Infectious Diseases and Journal of Lower Genital Tract Disease. He has served an invited speaker or session chair in many forums, including for the American Association for Cancer Research, International Papillomavirus Society, and the European Union on Genital Infection and Neoplasia (EUROGIN). He regularly participates in development of national and international guidelines for cervical cancer prevention. He serves a consultant for several countries on the development of national cervical cancer prevention programs. For his work in cervical cancer prevention, Dr. Castle has received (1) An EUROGIN Distinguished Service Award (2006); (2) a NIH Merit Award for introduction of HPV testing into low-resource settings in the U.S. (2007); (3) a Distinguished Scientific Achievement Award by American Society For Colposcopy and Cervical Pathology (2010), its highest honor; and (4) The Arthur S. Flemming Award for Exceptional Achievement in Federal Government Service for Applied Science, Engineering and Mathematics (2010).



Robert M. Centor, MD, is the associate dean of the Huntsville Regional Medical Campus at the University of Alabama at Birmingham School of Medicine.

Robert spent 22 years as a division chief of general internal medicine. For 5 months each year he is an attending physician, supervising students, interns, and residents in a VA hospital and community teaching hospital. He is a former President of SMDM, ACLGIM and SGIM. He currently serves on the Board of Regents of the American College of Physicians. His research interests have focused on diagnostic accuracy, especially for adult pharyngitis.



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Karen S. Cosby, MD, FACEP, Cook County Emergency Medicine Residency, Rush Medical College, Chicago, IL

Dr. Cosby is a senior emergency medicine physician at Cook County Hospital and assistant professor at Rush Medical School in Chicago, IL. She is currently a director of the Stroger Cook County Ultrasound Fellowship. Her career interests include curriculum development for resident and medical student education, clinical decision-making, bedside ultrasound, and patient safety. She is an oral board examiner for the American Board of Emergency Medicine and a peer reviewer for the *Journal of Patient Safety*, *Annals of Emergency Medicine*, and *Academic Emergency Medicine*. She has participated in and chaired the Society for Emergency Medicine (SAEM) interest group on patient safety, and collaborated with the SAEM Task Force to produce and co-author a curriculum for patient safety. She was a co-investigator of an AHRQ grant on diagnosis error in emergency medicine and participated in an AHRQ funded study on transitions in healthcare. She has authored 21 book chapters and edited two textbooks, including *Patient Safety in Emergency Medicine*. She has authored several articles on safety, including a framework for classifying factors that contribute to error in emergency medicine, and a 15 year review of patient care management problems identified in mortality and morbidity reviews. Her main career interest is in defining and understanding medical failures, and improving education to meet the needs of an increasingly complex healthcare system.



Patrick Croskerry, MD, PhD, Dalhousie University, Halifax, Nova Scotia

Pat Croskerry is a Professor in Emergency Medicine at Dalhousie University, Halifax, Nova Scotia, Canada. He holds a cross-appointment in the Faculty of Medical Education. In addition to his medical training, he holds a doctorate in Experimental Psychology and completed a Fellowship in Clinical Psychology. He has worked in the area of Patient Safety for the last 15 years and has given over 400 talks on the topic at local, national and international levels. He established the first Canadian Symposium on Medical Error in 2001, which continued annually as the National Patient Safety Meeting (Halifax Series) until 2010. His research is principally concerned with clinical decision-making, specifically on diagnostic error. He was a member of the organising committee of the first conference on Diagnostic Error in Phoenix, Arizona in 2008 and on the Los Angeles conference in 2009. He has published over 60 articles and 24 book chapters in the area of patient safety, and medical education reform. He is senior editor on a major text *Patient Safety in Emergency Medicine* published in 2009.



Jonathan A. Edlow, MD, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA

Dr. Edlow is Vice-chair of the department of emergency medicine at Beth Israel Deaconess Medical Center in Boston and an Associate Professor of Medicine at Harvard Medical School. His major areas of clinical focus are tick-borne diseases and neurological emergencies. His current area of investigation is helping doctors avoid misdiagnosis of stroke. Specifically, his focus is to develop ways to better educate physicians to make early, correct diagnoses on patients presenting with focal weakness (TIA and stroke), dizziness (especially to avoid misdiagnosis of acute posterior fossa vascular events) and headache (in particular to avoid misdiagnosis of subarachnoid hemorrhage). He is also the author of 3 books for the lay public including his latest – *The Deadly Dinner Party* (Yale University Press) which is a collection of true medical mystery stories all of which contain some diagnostic ambiguity.



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Robert El-Kareh, MD, MPH, MS, University of California, San Diego, CA

Robert El-Kareh, MD, MPH, MS is an Assistant Professor of Medicine at the University of California, San Diego. He is an academic hospitalist as well as a clinical informatics researcher. The focus of his research is on the application of health information technology to the identification and reduction of diagnosis errors. His specific research interests include improvement of communication among clinicians during transitions of care and the use of electronic health records to provide useful feedback of patient outcomes. Dr. El-Kareh obtained his medical degree from Temple University and completed his residency and a chief resident year at Brown University. Following residency, Dr. El-Kareh completed a National Library of Medicine research fellowship in medical informatics and his degree in public health from Harvard University.



Arthur Elstein, PhD, University of Illinois, Chicago, IL

Arthur Elstein is Professor Emeritus in the Dept. of Medical Education, University of Illinois College of Medicine. He received his PhD in 1960 from the University of Chicago. He was in the Office of Medical Education Research and Development (OMERAD) at Michigan State University from 1968-84. He has served as president of the Society for Medical Decision Making 1982-83, and was editor in chief of the society's official journal, Medical Decision Making, 1995-1999. His awards include: Distinguished Faculty Awards from both Michigan State University and the College of Medicine of the University of Illinois at Chicago, the John P. Hubbard Award of the National Board of Medical Examiners for significant contributions to evaluation, and the Distinguished Scholar Award of Division I (eye) of the American Educational Research Association. He has been a visiting professor at the Hebrew University, Harvard School of Public Health, the University of Pennsylvania, the Universities of Michigan and Washington, the University of Toronto and Leiden University Medical Center. He has also been a consultant to the National Board of Medical Examiners, the American Board of Internal Medicine, the Center for Health Economics and Social Sciences (CHESS) at the University of Chicago, and the Odense (Denmark) Risk Group. He is a co-author of Medical Problem Solving: An Analysis of Clinical Reasoning (1978), Clinical Decision Analysis (1980), Professional Judgment: A Reader in Clinical Decision Making (1988); and Decision Making in Health and Medicine: Integrating Evidence and Values (2001), and many review chapters and original articles. His research has focused on the psychology of clinical reasoning and decision making.



John W Ely, MD, University of Iowa, Iowa City, IA

Dr. John Ely is Professor, Department of Family Medicine, University of Iowa Carver College of Medicine. He received his M.D. from Upstate Medical Center, Syracuse, New York, and completed a family medicine residency at the University of Washington in Seattle. He was in private practice in rural Iowa from 1977 to 1990, then did a two-year faculty development fellowship at the University of Missouri - Columbia. He has been at the University of Iowa since 1992. He has a long standing interest in physician error and, together with Drs. Mark Graber and Pat Croskerry, recently published an article in Academic Medicine on diagnostic checklists. He remains active clinically and uses the checklists on a daily basis.



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Paul Epner, MBA, MEd, Principal, Paul Epner LLC, Evanston, IL

Paul L. Epner, MBA, MEd, is a self-employed healthcare consultant following 31 years working for Abbott Laboratories primarily in the Diagnostics Division (ADD). Among his assignments, Paul currently consults to the Centers for Disease Control (CDC) through a contract with Battelle Memorial Institute in which systematic review methods are applied to identify evidence-based best practices in laboratory medicine. He also is a member of CDC's "Clinical Laboratory Integration into Healthcare Collaborative™" which seeks to improve the interface between clinicians and laboratories. He is a frequent speaker and an author on the subject of redefining the role of laboratory professionals in order to improve patient outcomes and is an invited speaker at three national meetings in 2011 on the subject of "The Impact of Laboratory Services on Diagnostic Error."



Mark L. Graber, MD, DEM Executive Committee, RTI International, St James, NY

Mark Graber, MD, is a Senior Scientist at RTI's Health Care Quality and Outcomes Program, and Professor Emeritus of Medicine at the State University of New York at Stony Brook. Dr Graber has an extensive background in biomedical and health services research, with over 70 peer-reviewed publications. He is a national leader in the field of patient safety and originated, with Ilene Corina of New York, Patient Safety Awareness Week in 2003, an event now recognized internationally.

Dr. Graber has been a pioneer and national leader of efforts to address diagnostic errors in medicine. He founded and chaired the Diagnostic Error in Medicine conference series and has several landmark publications on this topic. Currently, Dr. Graber directs an AHRQ ACTION study focused on interventions to reduce diagnostic errors in the ambulatory care settings using checklists.



Omar Hasan, MBBS, MPH, Brigham and Women's Hospital and Harvard Medical School, Boston, MA

Omar Hasan, MBBS, MPH, FACP is a practicing physician, healthcare administrator, and health services researcher at Brigham and Women's Hospital and Harvard Medical School in Boston, USA. He is a member of the Brigham hospitalist service and spends several months a year looking after general medicine inpatients. In his administrative role, Omar is responsible for managing a hospital-wide portfolio of projects aimed at optimizing hospital length of stay and preventing unnecessary rehospitalization. His research is focused on rehospitalization risk prediction and risk reduction strategies and the development of a framework for classifying and reducing diagnostic error in medicine. Omar received his medical degree from King Edward Medical University and a master's degree in healthcare management and policy from Harvard University. He completed a fellowship in general internal medicine and health services research from Harvard Medical School and served for a year as Merck Fellow at the Institute for Healthcare Improvement.



Allen Kachalia, MD, JD, Brigham and Women's Hospital, Boston, MA

Allen Kachalia is an academic hospitalist in the Department of Medicine at Brigham and Women's Hospital and Harvard Medical School in Boston, Massachusetts. He obtained his law degree from the University of Pennsylvania and medical degree from Washington University in St. Louis. He completed his residency and a year as chief resident in internal medicine at the University of Michigan. He is currently clinically active, regularly teaching and attending on the hospital wards with medical students and residents. His academic and administrative activities focus on improving the quality and safety of patient care in the hospital and outpatient settings. He is currently the Medical Director for Quality and Safety for Brigham & Women's Hospital. His research pursuits include improvement of quality and safety in health care and legal issues in medicine, such as malpractice system reform and disclosure. He also

holds an appointment at the Harvard School of Public Health where he teaches a course on the Law and Clinical Medicine.



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Linda K. Kenney, MITSS (Medically Induced Trauma Support Services), Chestnut Hill, MA
Linda K. Kenney, Executive Director and President of MITSS (Medically Induced Trauma Support Services, Inc.), founded the organization in 2002 as the result of a personal experience with adverse medical event, when she identified the need for support services in cases of adverse events and outlined an agenda for change. Since that time, she has been a tireless activist for patient, family, and clinician rights. She has become a nationally and internationally recognized leader in the patient safety movement and speaks regularly at healthcare conferences and forums. In 2006, Linda was the first consumer graduate of the prestigious HRET/AHA Patient Leadership Fellowship. That same year, she was the recipient of the National Patient Safety Foundation's esteemed Socius Award, an annual award given in recognition of effective partnering in pursuit of patient safety. She

sits on the boards of the National Patient Safety Foundation and Planetree. Ms. Kenney is also on many national advisory committees.



Gary Klein, PhD, MacroCognition LLC, Yellow Springs, Ohio

Dr. Klein received his Ph.D. in experimental psychology from the University of Pittsburgh in 1969. He was an Assistant Professor of Psychology at Oakland University from 1970-1974. He was a research psychologist for the U.S. Air Force from 1974-1978. In 1978 he founded his own R&D company, Klein Associates, which grew to 37 people by the time it was acquired by Applied Research Associates (ARA) in 2005. Dr. Klein developed a Recognition-Primed Decision (RPD) model to describe how people actually make decisions in natural settings. He developed a naturalistic model of sensemaking, the Data/Frame model, to describe the way people interpret situations while simultaneously clarifying what counts as data in ambiguous situations. He has developed methods of Cognitive Task Analysis for uncovering the tacit knowledge that goes into decision making and sensemaking. He was one of the leaders of a team that redesigned the White House Situation Room. He is a Fellow of the American Psychological Association and the Human Factors and Ergonomics Society. In 2008 he

received the Jack A. Kraft Innovator Award from the Human Factors and Ergonomics Society. He has written: Sources of Power: How People Make Decisions (1998); The Power of Intuition (2004); and Working Minds: A practitioner's guide to Cognitive Task Analysis (Crandall, Klein, & Hoffman, 2006). Dr. Klein's latest book, Streetlights and Shadows: Searching for the keys to adaptive decision making, was published in October 2009.



Martin S. Kohn, MD, MS, FACEP, CPE, FACPE, Chief Medical Scientist, Care Delivery Systems, IBM Research

Dr. Kohn is Chief Medical Scientist for Care Delivery Systems in IBM Research. He is the physician involved in IBM's effort in collaborative care for addressing the challenges to primary care and access to healthcare. He also supports the transformation of healthcare and development of accountable care organizations. His research work includes healthcare population analytics and the role of expert systems in the clinical decision process, including the use of the Watson supercomputer in healthcare. He speaks frequently on the issues on healthcare transformation, the role of information technology, the Patient Centered Medical Home and clinical decision support. Dr. Kohn is a co-author of IBM's white paper "Patient-Centered Medical Home – What, Why and How." He is on the editorial board of the Journal of Emergency Medicine. Dr. Kohn was previously in IBM Healthcare Strategy and Change which helped healthcare systems and clinicians optimize process and make best use of health information technology. He has published multiple articles and book chapters on both clinical and management subjects. Dr. Kohn is an

emergency physician with over 30 years of hospital-based practice and management experience. He is a Fellow of the American College of Emergency Physicians and the American College of Physician Executives.



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Michael Laposata, MD, PhD, Edward and Nancy Fody Professor, Executive Vice Chair of Pathology, Dept of Pathology. Pathologist-in-Chief, Vanderbilt University Hospital, Nashville, TN

Dr. Michael Laposata is Professor of Pathology and Medicine at Vanderbilt University School of Medicine. He is the pathologist-in-chief at Vanderbilt University Hospital and director of clinical laboratories. He received his M.D. and Ph.D. from Johns Hopkins University School of Medicine and completed a postdoctoral research fellowship and residency in Laboratory Medicine (Clinical Pathology) at Washington University School of Medicine in St. Louis. He took his first faculty position at the University of Pennsylvania School of Medicine in Philadelphia in 1985, where he was an Assistant Professor and director of the hospital's coagulation laboratory. In 1989, he became Director of Clinical Laboratories at the Massachusetts General Hospital and was appointed to faculty in pathology at Harvard Medical School, where he became a tenured full Professor of Pathology. Dr. Laposata implemented a system whereby the clinical laboratory data in coagulation and other areas of laboratory medicine are systematically interpreted with the generation of a patient specific narrative paragraph by a physician with expertise in the area. This service is essentially identical to the service

provided by physicians in radiology and anatomic pathology, except that it involves clinical laboratory test results. In 2005, Dr. Laposata was recognized by the Institute of Quality in Laboratory Medicine of the Centers for Disease Control and Prevention for this innovation. Dr. Laposata is the recipient of 14 major teaching prizes at Harvard, the Massachusetts General Hospital, and the University of Pennsylvania School of Medicine.



Harold Lehmann, MD, PhD, Johns Hopkins University School of Medicine, Baltimore, MD

Harold Lehmann, MD PhD, is a board-certified general pediatrician with doctoral training in medical computer science. He received his MD from Columbia University, pediatric residency from Babies Hospital, general pediatric fellowship from Johns Hopkins, and informatics doctorate at Stanford, under Ted Shortliffe. His research areas have focused on the overlaps among evidence-based medicine, decision modeling, and informatics, primarily in pediatric domains, but also including technical assistance overseas. He provides methodological expertise to guideline developers at a number of national professional societies. He created and directs a number of informatics training programs at Johns Hopkins, ranging from undergrad through Certificate, Masters, pre-doctoral, and post-doctoral training in clinical and public health informatics. He is a Fellow of the American College of Medical Informatics.

Stuart Levin, MD, Rush University Medical Center, Chicago, IL



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Sílvia Mamede, MD, PhD, Erasmus University, Rotterdam, Netherlands

Sílvia Mamede is scientific researcher at the Institute of Psychology of the Erasmus University Rotterdam, where she works in a research program on clinical reasoning and medical education carried out in collaboration with the Faculty of Medicine/Erasmus Medical Centre. She graduated as a physician at the Faculty of Medicine, Federal University of Ceará, Brazil, holds a Master degree from the Istituto Superiore di Sanità, Italy (1999) and a PhD degree from the Erasmus University Rotterdam (2006), with studies on the reflective practice in medicine conducted under the supervision of Prof.dr. Henk G. Schmidt. From 1995 to 2003 she was the dean of the School of Public Health in Ceará, Brazil, one of the first institutions to adopt problem-based learning curricula for health professions higher education in the country. Her research areas of interest are: medical expertise development; clinical reasoning, judgment and decision-making in medicine; clinical teaching; reflection and critical thinking; experiential learning in the context of undergraduate and continuous medical education. Sílvia has (co-) authored several journal articles, chapters in books and books. She is in the editorial

board of the Journal of Evaluation in Clinical Practice. In 2010 she was the winner of the "Outstanding publication" Division I Award of the American Educational Research Association.



Kathryn M. McDonald, MM, Past President, SMDM, Stanford Health Policy (CHP/PCOR), Stanford University, Stanford, CA

Kathryn McDonald is the executive director of CHP/PCOR and a senior scholar at the centers. She is also associate director of the Stanford-UCSF Evidence-based Practice Center, and leads CHP/PCOR's Quality and Patient Safety Indicators project. Her work focuses on evidence-based medicine, medical technology assessment, healthcare quality and patient safety. McDonald has served as a project director and investigator on a number of research projects at the Stanford School of Medicine, including the Cardiac Arrhythmia and Risk of Death Patient Outcomes Research Team (CARD PORT), the international investigation of Technological Changes in Healthcare (TECH), and the development of the Quality and Patient Safety Indicators for the Agency for Healthcare Research and Quality. Previously, she worked as a manager for technology optimization and business development at Stanford Hospital, and as a research and development manager for new product development for a medical device company. She received a master of management degree (MBA and MHA equivalent) from Northwestern University's Kellogg School of Management, with an emphasis on the healthcare

industry, and she holds a BS in chemical engineering from Stanford University.

Robert A. McNutt, MD, FACP, Rush University Medical Center, Chicago, IL

Professor of Medicine

Assistant Chairman, Department of Medicine

Chief, Section of Patient Safety Research

Chief, Section of Informed Medical Decision Making

Contributing Editor, Journal of the American Medical Association



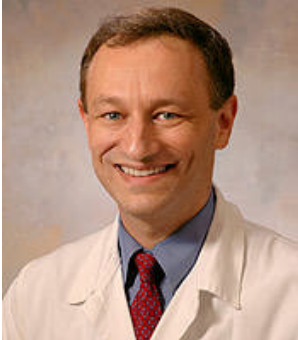
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David Meltzer, MD, PhD, University of Chicago, Chicago, IL

David O. Meltzer M.D., Ph.D. is Chief of the Section of Hospital Medicine, Director of the Center for Health and the Social Sciences, and Chair of the Committee on Clinical and Translational Science at The University of Chicago, where he is Associate Professor in the Department of Medicine, Department of Economics and the Harris School of Public Policy Studies. Meltzer's research explores problems in health economics and public policy with a focus on the theoretical foundations of medical cost-effectiveness analysis and the cost and quality of hospital care. Meltzer is completing a randomized trial comparing the use of doctors who specialize in inpatient care ("hospitalists") with traditional physicians in six academic medical centers and is Director of the AHRQ-funded Hospital Medicine and Economics Center for Education and Research in Therapeutics (CERT) at the University of Chicago. Meltzer received his MD and PhD in economics from the University of Chicago and completed his residency in internal medicine at Brigham and Women's Hospital in Boston. Meltzer is the recipient of numerous awards, including the Lee Lusted Prize of the Society for Medical Decision Making, the Health Care

Research Award of the National Institute for Health Care Management, and the Eugene Garfield Award from Research America. Meltzer is a research associate of the National Bureau of Economic Research, elected member of the American Society for Clinical Investigation, and past president of the Society for Medical Decision Making. He has served on panels examining the future of Medicare for the National Academy of Social Insurance and the Department of Health and Human Services (DHHS) and U.S. organ allocation policy for the Institute of Medicine (IOM). He is currently serving on an IOM panel on the Learning Health Care System, the DHHS Secretary's Advisory Committee on Healthy People 2020, and the Patient Centered Outcomes Research Institute Methodology Committee, as a Council Member of the National Institute for General Medical Studies, and as a health economics advisor for the Congressional Budget Office.



David E. Newman-Toker, MD, PhD, 2011 Chair, DEM Executive Committee, Johns Hopkins University School of Medicine, Baltimore, MD

David E. Newman-Toker, MD, PhD is Associate Professor of Neurology and Otolaryngology, with joint appointments in Ophthalmology, Health Sciences Informatics, and Emergency Medicine at the Johns Hopkins University School of Medicine, as well as Epidemiology and Health Policy & Management at the Bloomberg School of Public Health. Dr. Newman-Toker's clinical interest is in diagnosis of acute disorders affecting the brainstem and cranial nerves, including headaches, vision loss, double vision, and dizziness. His research focus is on errors in diagnosis, decision modeling, and designing clinical algorithms and decision support systems to reduce misdiagnosis in frontline healthcare settings. Most recently, his group has demonstrated that bedside assessment of eye movements can outperform neuroimaging (MRI) in the diagnosis of stroke among patients presenting with acute vestibular symptoms. He is the principal investigator for several ongoing federal and non-federal research grants focused on diagnosis of dizziness

and other neurologic symptoms in the emergency department. Research methods employed by his group include prospective cross-sectional, observational cohort, and case-control studies, as well as surveys and systematic literature reviews. His work has appeared in leading journals, including the Journal of the American Medical Association. His research contributions have been recognized by national and international societies. He has been elected to membership of the Delta Omega Honorary Society in Public Health, the American Neurological Association, the Bárány society, and to fellow status in the North American Neuro-Ophthalmology Society. He serves as Co-chair of the Bárány Classification Committee, an international committee whose focus is to develop rigorous research criteria as part of the International Classification of Vestibular Disorders. He is the current Chair for the 3rd annual international Diagnostic Error in Medicine conference (October, 2010, Toronto, ON).



Stephen S. Raab, M.D., University of Washington, Seattle, WA and Memorial University of Newfoundland/Eastern Health Authority, St. John's, NL

Stephen Raab practices anatomic pathology, specializing in cytopathology. His areas of research include laboratory medicine error, quality improvement and implementation science, medical culture, and disruptive physician behavior. He currently is studying simulation methods and transformational change management models in medicine.



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Jennifer F. Rhamy, MBA, MA, MT (ASCP), SBB, HP, Executive Director of the Laboratory Accreditation Program, The Joint Commission, Oakbrook Terrace, Ill

Jennifer Rhamy is the Executive Director of the Laboratory Accreditation Program at The Joint Commission. Jennifer has a long history in laboratory administration and business development, having held leadership positions in hospital and blood center laboratories as well as within the medical device industry. She has held numerous board and committee positions with AABB, Americas Blood Centers, and state transfusion medicine associations. In her current role, Jennifer is responsible for driving the strategic plan and direction of the laboratory accreditation program.



Valerie Reyna, PhD, Cornell University, Ithaca, NY

Valerie Reyna is Professor of Human Development and Psychology at Cornell University, and a Co-director of the Center for Behavioral Economics and Decision Research. Dr. Reyna holds a Ph.D. in experimental psychology from Rockefeller University, and publishes regularly in such journals as Archives of Internal Medicine, Cognitive Psychology, Current Directions in Psychological Science, Psychological Review, and Psychological Science. She is the Past President of the Society for Judgment and Decision Making. Her research encompasses human judgment and decision making, numeracy and quantitative reasoning, risk and uncertainty, medical decision making, social judgment, and false memory. Dr. Reyna's current research program is focused on risky decision making in adolescents, on risk communication in genetics, cancer, and AIDS prevention, and on criteria for rationality in decision making. She is a developer of fuzzy-trace theory, a model of the relation between mental representations and decision

making that has been widely applied in law, medicine, and public health. Dr. Reyna also teaches an undergraduate and a graduate seminar on Risk and Rational Decision Making.

Christopher Ross, MD, FACEP, FAAEM, FRCPC, Cook County Emergency Medicine Residency, Chicago, IL

Dr Ross is the Associate Chair of Planning, Education and Research at Cook County (Stroger) Hospital in Chicago, IL and has an academic affiliation of assistant professor at Rush Medical College. Dr Ross did his medical school training at the University of Toronto and subsequent residency training in Emergency Medicine at Cook County Hospital in Chicago, as well as McMaster University in Hamilton, Ontario. Dr Ross is board-certified in Emergency Medicine in United States and Canada. Dr Ross' current position oversees approximately 400 residents /fellows in over 20 ACGME accredited programs at Cook County Hospital, in all aspects of residency and fellowship training. Dr Ross developed an interest in acute coronary syndromes and has been speaker at his national specialty scientific assembly for the past 5 years on this topic. Dr Ross has also done several national presentations throughout the U.S. on other closely associated topics like syncope, clinical physical examination for coronary dysfunction and latest updates in congestive heart failure.



Gordon D. Schiff, MD, 2011 Co-Chair, DEM Executive Committee, Brigham and Women's Hospital, Boston, MA

Gordon Schiff is Associate Director, Center for Patient Safety Research and Practice at Brigham and Women's Hospital, and Associate Professor of Medicine at Harvard Medical School. He worked in quality improvement at Cook County Hospital for three decades, and was Professor of Medicine at Rush. He was PI of AHRQ-funded Developmental Center for Research in Patient Safety (DEER) Diagnosis Error Project. He is PI of Harvard Risk Management Foundation project studying diagnostic errors at Brigham and Women's, and a NPSF grant to study errors related to electronic prescribing systems. He co-chaired the 3rd International Diagnosis Errors in Medicine Conference.



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Speaker Biographies

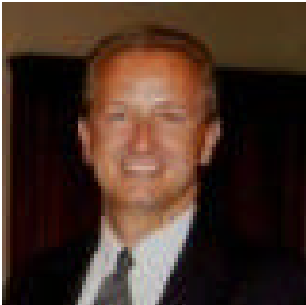
Updated as of Monday, September 12, 2011



Kaveh G. Shojania, MD, Sunnybrook Health Sciences Centre, Toronto, ON

Dr. Kaveh Shojania is a practicing internist in the Department of Medicine at Sunnybrook Health Sciences Centre and Director of the University of Toronto Centre for Patient Safety, a joint collaboration between The University of Toronto Faculty of Medicine and its affiliated teaching hospitals, led by Sunnybrook and the Hospital for Sick Children. Dr. Shojania's research focuses on identifying evidence-based patient safety interventions and effective strategies for translating evidence into practice. His work has appeared in leading journals, including the New England Journal of Medicine, the Journal of the American Medical Association (including research on the persistent role of the autopsy in identifying important missed diagnoses), and he has twice delivered invited presentations on patient safety to the US Institute of Medicine. He has also written a book on patient safety for a general audience that received excellent reviews in the New York Times and many other media and has sold approximately 50,000 copies. In 2004, Dr. Shojania received one of the John M. Eisenberg Patient Safety Awards from the US Joint Commission for the Accreditation of Healthcare Organizations and the National Quality Forum for work in patient safety that has had an impact at a national level. He holds a Canada Research Chair in

Patient Safety and Quality Improvement.



Josko Silobrcic, MD, MPH, MS, Strategy, IBM Research

Josko Silobrcic has over 20 years of healthcare experience. He is a seasoned professional, with the clinical background as a physician, and extensive experience at the forefront of strategy, operations and services and technology management. Most recently, Dr. Silobrcic was an Associate Partner in Strategy, Operations and Change Management with Deloitte Consulting and with IBM Healthcare. Prior to that, he was an executive with or advisor to various healthcare ventures. As leader, he has led teams, various programs/projects and intellectual capital development, as well as leadership development and assessment. As executive, he has held various senior roles (including as CEO) in healthcare technology and services entities, with responsibilities in general management, business development, operations and financial management, people management, etc. As consultant/advisor, he has worked with leading private and public sector providers, payers and life sciences entities, specializing in strategy,

governance, operations management/ redesign, organizational transformation and change management, quality management, etc. He has also assisted a number of young healthcare technology and services companies in various aspects of their development and management, and acted as healthcare industry/technology advisor to a prominent angel investment network. As educator, he has developed and taught management courses for physician executives, at Harvard University.



Hardeep Singh, MD, MPH, Michael E. DeBakey Veterans Affairs Medical Center and Baylor College of Medicine, Houston, TX

Dr. Singh is an Assistant Professor of Medicine at the Michael E. DeBakey Veterans Affairs Medical Center and Baylor College of Medicine and Chief of the Health Policy and Quality Program at the Houston VA Health Services Research & Development Center of Excellence. His research agenda focuses on understanding and reducing errors in the ambulatory care setting, especially those that involve missed and delayed diagnosis in cancer. He has extensive expertise in the study of diagnostic errors, including translating safety practices to health care and evaluating system and provider factors that lead to these errors. Dr. Singh is the Director of the "Center of Inquiry to Improve Outpatient Safety through Effective Electronic Communication," funded by the VA National Center for Patient Safety. This center uses a multidisciplinary approach including human factors engineering to improve systems of communication through the VA's electronic health record (CPRS). A large portion of this work focuses on improving diagnostic errors related to abnormal test result management.

Dr. Singh is a nationally recognized expert in improving communication and other aspects of patient safety through electronic health records and on using health information technology to identify and reduce diagnostic errors and has participated in several national and international expert committees and invited conferences.



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Geeta Singhal, MD, Baylor College of Medicine and Texas Children's Hospital, Houston, TX

Geeta Singhal, MD, MEd, is an Associate Professor of Pediatrics with the Baylor College of Medicine. She is Section Head and Service Chief of Pediatric Hospital Medicine at Texas Children's Hospital in Houston, Texas. She also is the Director of Faculty Development Workshops at Baylor College of Medicine. She is interested in diagnostic errors and strategies in which to educate physicians and medical learners about their reduction. She has won numerous teaching awards and presents locally, regionally and nationally on topics such as family-centered rounding, diagnostic errors, critical thinking and medical education.



Ian G. Stiell, MD, MSc, FRCP, Professor and Chair, Department of Emergency Medicine, University of Ottawa Distinguished Professor and University Health Research Chair, University of Ottawa Senior Scientist, Ottawa Hospital Research Institute

Dr. Ian Stiell is Professor and Chair, Department of Emergency Medicine, University of Ottawa; Distinguished Professor and University Health Research Chair, University of Ottawa; and Senior Scientist, Ottawa Hospital Research Institute. He is internationally recognized for his research in emergency medicine with a focus on the development of clinical decision rules and the conduct of clinical trials involving acutely ill and injured patients treated by pre-hospital services and in emergency departments. He is best known for the development of the Ottawa Ankle Rules and Canadian C-Spine Rule, and as the Principal Investigator for the landmark OPALS Studies for pre-hospital care. Dr Stiell is the Principal Investigator for 1 of 3 Canadian sites in the Resuscitation Outcomes Consortium (ROC) which is funded by CIHR, NIH, HSFC, AHA, and National Defence Canada. Dr. Stiell is a Member of the Institute of Medicine of the U.S. National

Academies of Science.



Robert L Trowbridge, Jr., MD, Maine Medical Center, Portland, ME

Robert Trowbridge, MD FACP is Assistant Professor of Medicine at Tufts University School of Medicine and works clinically as a hospitalist at Maine Medical Center in Portland, Maine. A graduate of Georgetown University School of Medicine, he completed residency training in Internal Medicine at Stanford University Medical Center. Following several years in the VA system and the Indian Health Service, he completed a fellowship in Hospital Medicine at the University of California, San Francisco. He currently serves as the Director of Undergraduate Medical Education and Faculty Development in the Department of Medicine at Maine Medical Center and additionally co-directs the Introduction to Clinical Reasoning course for second-year medical students at Tufts. Primarily a medical educator, his specific area of focus is on the teaching of clinical reasoning skills and the avoidance of diagnostic error. His current work is on the reporting and analysis of diagnostic errors and the development of institutional approaches to diagnostic error.



Laura Zwaan, MSc, VU University Medical Center, Netherlands

Laura Zwaan (1981) studied cognitive psychology at the VU University in Amsterdam, the Netherlands. After writing her masters thesis at the Beckman Institute for Advanced Science and Technology / University of Illinois, USA, she obtained her masters degree in 2005. In 2010, she obtained her masters degree in Epidemiology. Since 2005, Laura was involved in several research projects in the field of patient safety at the EMGO Institute/ VU University Medical Center in the 'Safety 4 Patients' research group. Currently she is finishing her PhD thesis which focuses on diagnostic reasoning and diagnostic error in medicine.