2015 Annual Conference
The Massachusetts Association of Occupational Health Nurses
The New England College of Occupational and Environmental Medicine

Tips, Tools & Pearls for the Occupational and Environmental Health Professional

Conference Planners:
Abhijay Karandikar, MD, MPH, FACOEM, Conference Chair; Backus Hospital, Norwich, CT
Anne Lafontaine, RN, COHN-S, Vendor Chair; Occupational Safety and Health Training, Inc., Williamsburg, MA
Karl Auerbach, MD, Pulse Occupational Medicine, Rochester, NY
Gail Carchietta, RN, MSE, COHN-S, FAAOHN, Johnson & Johnson Global Health Services, Raynham, MA
Penny Allyson, Clark, RN, BSN, COHN-S/CM, Pfizer Pharmaceuticals, Cambridge, MA
Linda Clark, MD, Clark Occupational Medicine Services, Rochester, NY
Nancy Clover, RN, COHN-S, FAAOHN, Occupational Health Connections, Methuen, MA
David Diamond, MD, CSS, FACOEM, MIT Medical, Cambridge, MA
Michael Erdil, MD, University of Connecticut School of Medicine, Farmington, CT
Mridu Gulati, MD, Yale University, New Haven, CT
Peter Lee, MD, MPH, FACOEM, General Electric, Fairfield, CT
Matt Lundquist, MD, MPH, FACOEM, Middlesex Hospital, Middletown, CT
George McManus, PA, New England Baptist Hospital, Boston, MA
Peg O’Connor, RN, MA Nurses Association, Canton, MA
Philip Parks, MD, MPH, FACOEM, Quadrant Health Strategies/Draper Labs, Boston, MA
Dianne Plantamura, MSW, CSS, NECOEM, Groveland, MA
Glenn Pransky, MD, MoccH, FACOEM, Liberty Mutual, Hopkinton, MA
Sandy Reno, RN, Vertex Pharmaceuticals, Cambridge, MA
Manoj Saxena, MD, Concentra, Norwich, CT
Margaret Stashluk, RN, COHN-S/CM, Intel Corp., Hudson, MA
Jim Tacci, MD, MPH, FACOEM, Rochester Health System, Rochester, NY
Erin Teeple, MD, Orthopaedic and Arthritis Center for Outcomes Research, Boston, MA

Conference Moderators:
Abhijay Karandikar, MD, MPH, FACOEM Conference Chair: Backus Hospital, Occupational Medicine, Norwich, CT
Carin Bennett Rizzo, MS, ANP-BC, COHN-S, Brigham and Women’s Hospital Occupational Medicine, Boston, MA
Penny Allyson Clark, RN, COHN-S/CM, FAAOHN, Pfizer Pharmaceuticals, Cambridge, MA
Michael Erdil, MD, University of Connecticut Health Center, Farmington, CT
Matt Lundquist, MD, MPH, FACOEM, Middlesex Hospital Occupational Medicine, Middletown, CT
Glenn Pransky, MD, MoccH, FACOEM, Liberty Mutual Center for Disability Research, Hopkinton, MA
George McManus, PA, New England Baptist Hospital, Boston, MA
Susan Upham, MD, MPH, Bayside Employee Health Center, Portland, ME
Manoj Saxena, MD, MPH, Concentra Urgent Care, Norwich, CT
Erin Teeple, MD, MPH, Orthopaedic and Arthritis Center for Outcomes Research, Boston, MA
Conference Faculty

Barry Beder, LICSW
Beder Consulting, LLC
Cape Cod, MA

For over 40 years, Barry has designed and presented award-winning stress management, health and wellness, and safety-based programs for hundreds of Corporations, Hospitals, and Higher Education Institutions. He designed and presented the QUIT Power Smoking Cessation Program, offered at The Dana-Farber Cancer Institute, for 17 consecutive years. Barry served as Sports Psychology Consultant for the Boston Red Sox and Harvard Men’s Hockey Team.

Barry is a featured keynote presenter at National Conferences. He has presented at National Conferences for New England College of Occupational and Environmental Medicine, American Society of Safety Engineers, and is a frequent presenter for the University Conference Services, Health & Welfare Conference for Mid-Sized Employers, University of North Carolina School of Business.

Barry was selected in 2013 and 2014 by the Boston Athletic Association to help Boston Marathon Runners overcome critical incident stress reactions following the 2013 Boston Marathon bombings. He developed a model for Webinar support offered to BAA runners worldwide.

He has published many articles and is the former Director, Corporate Health and Productivity, for AllOne Health in Boston, where, as Executive Vice President he provided executive leadership for services in Occupational Health, Employee Assistance, and Safety for national and global corporations, and higher education institutions.

Barry is currently President of Beder Consulting, LLC, located in Cape Cod, MA. He received a Master’s Degree in Psychiatric Social Work from The University of Michigan, Ann Arbor Michigan.

Sheila Bennion, RN, MCA, MBA, CCM
Senior Business Analyst – Content and Communications
Liberty Mutual Insurance
Boston, MA

Ms. Bennion graduated from the University of New Hampshire with a BS in Nursing in 1984 and from the University of Phoenix with a MBA in Healthcare management in 2006. Her nursing experience includes medical/surgical, emergency, oncology, cardiology, critical care, orthopedics, and case management.

Sheila has 24½ years of management experience. The last 22 years, she has worked in workers compensation case management. For 20 of those years, she was responsible for the training, coaching and managing of telephonic and field medical and disability case managers throughout New England. In her current role, she assists in the development and implementation of process improvement initiatives and content within Liberty Mutual’s managed care organization.

Sheila has been published in the Professional Case Management journal regarding “Overcoming Barriers for a Successful Return to work.” She also presents locally on topics related to workers compensation and a CCM prep class with Sandi Lowery.

Sheila is an active member of the Case Management Society of New England, where she has served in various roles and
currenty is secretary. She has also served on the several committees for national Case Management Society of America. Sheila served as the facilitator of NH Managed Care Focus Group and a member of the subcommittee on outcomes and education from 2001 to 2013. She has also served on the NH workers compensation advisory council subcommittee on Pharmacy. From 1996 through 2001, Sheila served on the NH Association of Service Providers in Private Rehabilitation as secretary, president and past president. Sheila also served for 2 years as secretary of National Association of Service Providers in Private Rehabilitation. She earned her certification in case management in 1995.

Jennifer Christian, MD, MPH, FACOEM  
President, Webility Corporation  
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Jennifer Christian, MD, MPH, FACOEM is a thought leader and advocate for improving medical outcomes and preventing needless work disability in workers’ compensation and disability benefits systems. She is board-certified in occupational medicine and earned both her medical and public health degrees from the University of Washington in Seattle. She is President of Webility Corporation, a management consulting and training company. She also chairs the Work Fitness & Disability Section of the American College of Occupational & Environmental Medicine. In addition, her free list-serv, the Work Fitness & Disability Roundtable now with more than 1400 members, is open to any type of professional who gets involved with these issues. She founded and led the award-winning 60 Summits Project to promote the work disability prevention model across North America which generated 20 multi-stakeholder conferences in 14 jurisdictions. She has won several awards for her contributions in this arena, among them the American College of Occupational & Environmental Medicine’s Health Achievement Award. She recently developed the pioneering Maze-Masters program, a non-medical biopsychosocioeconomic (BPSE) intervention. Maze-Masters is a guided and structured personal development program designed for individuals who have gotten thoroughly “lost in the maze” of the healthcare, workers’ compensation or disability systems. The intended outcome is for these individuals to be able to cope more constructively with their symptoms and life predicaments, and to resume full participation in everyday life.

The Maze-Masters approach is to shift the focus away from medical care and towards the overall quality of everyday life, to point out the individual’s personal power to shape their future, then strengthen their determination to do that, and to build their knowledge, skills, and confidence so they can actually accomplish it. Trained Maze-Masters Guides serve as tutors and coaches, working telephonically and over the web with clients. The Guides prefer to collaborate actively with treating clinicians but can also work in parallel. The Guides assign projects lists to clients, along with a structured routine, oversight, feedback and encouragement. The overall approach, as well as the assigned projects, are informed by a multi-disciplinary evidence-base concerning issues in many domains that can delay recovery or worsen outcomes, as well as specific methods that empower individuals to achieve better medical, functional, and vocational outcomes.

John F. Coughlin, MD, PhD  
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John F. Coughlin, MD, PhD, FACE, FACP has been a full time Medical Consultant with Unum in Portland, ME since 2008, specializing in medical aspects of conditions resulting in long term disability. Immediately prior to coming to Unum, Dr. Coughlin was President and Medical Director of the Endocrine Center of Cape Cod. Dr. Coughlin has held teaching positions at Harvard Medical School and Tufts Medical School. Dr. Coughlin has served as the Medical Director of the Joslin Diabetes Center Satellite Clinic for Cape Cod and Southeastern Massachusetts. During that time, he
developed a major regional diabetes and endocrine center. He then served as the Medical Director of the Cape Cod Endocrine Center of the Cape Cod Healthcare system before starting The Endocrine Center of Cape Cod. Dr. Coughlin also specializes in the development and presentation of educational programs to a variety of audiences including physicians, other health care providers, and pharmacists. Topics include, but are not limited to, various medical conditions as they may impact the functional capacity of an individual. Dr. Coughlin is a member of ACOEM/NECOEM.

Dr. Dennerlein is a Professor in and Director of Research for the Department of Physical Therapy, Movement, and Rehabilitation Sciences at Bouvé College of Health Sciences, Northeastern University in Boston, Massachusetts. Dr. Dennerlein is also an Adjunct Professor of Ergonomics and Safety in the Department of Environmental Health at Harvard T.H. Chan School of Public Health, where he is the Co-Principal Investigator for the Center for Work, Health and Wellbeing. Dr. Dennerlein’s research aims to prevent work-related injuries and musculoskeletal disorders (MSDs) through multiple research approaches that in general examine how the design of the environment, both built and organizational, affects worker health outcomes. This research is based on a systems approach articulated through the goal of modern ergonomics, which is to optimize system performance and human wellbeing. My research study designs are both observational/descriptive and experimental, based in both the laboratory and in the real work environment. Dr. Dennerlein received his Ph.D. from the University of California, Berkeley and holds degrees from the State University of New York at Buffalo and the Massachusetts Institute of Technology.

Michael Erdil, MD, FACOEM, is a physician with Occupational and Environmental Health Network in Marlborough MA. Dr. Erdil is an Assistant Professor at the University of Connecticut Health Center in the Department of Internal Medicine, Section of Occupational Medicine; on the Active Staff in the Department of Internal Medicine at Hartford Hospital; and on the Courtesy Medical Staff in the Department of Orthopedics, Section of Occupational Medicine at New England Baptist Hospital. Dr. Erdil is Board Certified in Occupational and Environmental Medicine, and a Fellow of the American College of Occupational and Environmental Medicine. Dr. Erdil served as a reviewer for the Agency for Health Care Policy and Research Acute Low Back Problems in Adults 1994; and the American College of Occupational and Environmental Medicine Occupational Medicine Practice Guidelines 1st edition 1997. Dr. Erdil serves on the Editorial Advisory Board for the Official Disability Guidelines Treatment in Workers Comp, and the Medical Advisory Board for Reed’s Medical Disability Adviser. Dr. Erdil co-authored Cumulative Trauma Disorders of the Upper Extremity, and Biomechanics of Manual Material Handling and Low Back Pain for Zenz’ Occupational Medicine Mosby 1994; co-edited Cumulative Trauma Disorders: Prevention, Evaluation, and Treatment Van Nostrand Reinhold 1997; contributed to the Health Effects Section of the Preamble to the Proposed OSHA Ergonomics Rule 1999; and co-authored Medications, Driving and Work for the AMA Physician’s Guide to Return to Work in 2005. Dr. Erdil has presented at several Grand Rounds and other
conferences including AOHC and NECOEM, WOEMA, SEAK, Federal Occupational Health Conference, Massachusetts Medical Society’s Annual Public Health Leadership Forum on The Opioid Epidemic and others.

Donna C. Ferreira, ANP, MS, COHN-S, FAAOHN
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Donna C. Ferreira ANP, MS, COHN-S, FAAOHN is a Sr. Director of Operations for Premise Health overseeing occupational health services for a large defense company. Donna manages on site occupational health centers. She provides occupational health expertise for committees and projects as requested including Medical Surveillance, DOT compliance, disability management, record keeping and FMLA. Donna has successfully prepared Health Centers for both internal and OSHA VPP audits.

She has over 25 years of experience in occupational health nursing. Donna is board certified in occupational health nursing and as an adult nurse practitioner. She is a Fellow of the American Association of Occupational Health Nurses Association. Donna is the President of the Central Mass. Association of Occupational Health Nurses and was the past Vice President of the Massachusetts Association of Occupational Health Nurses. She is a graduated first in her class from the University of the Massachusetts Medical School’s Graduate School of Nursing. She has worked with Premise Health, formerly CHS Health Services for eight years. Donna was Manager and Nurse Practitioner for the Medical Department at a large utility company for 18 years.

Donna has been published in The Nurse Practitioner and Occupational Health Management journals. She has presented over fifty programs at national and international conferences on various topics in occupational health including: OSHA VPP Audits, Hearing Conservation, DOT, Documentation, Corporate Downsizing, Management Skills, Confidentiality, Violence in the Workplace, Knee Injuries, Hand Injuries, and Back Care.

Constantine J. Gean, MD, MBA, MS, FACOEM
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Dr. Constantine Gean is Board Certified in Occupational Medicine, is on faculty in the Department of Medicine at UC Irvine and is Regional Medical Director for Liberty Mutual. He is the lead author on two pharmacology books, *The Pocket Drug Guide* and *The Index of Prescription Drugs* and is the past president of the Western Occupational and Environmental Medicine Association (WOEMA).

Relevant to today’s topic, Mobile Medical Technology, Dr. Gean writes the monthly column “Med Tech Corner with Dr. Dean Gean” for the WOEMA e-news and for 15 years prior to that authored the column, “Interesting and Useful Websites” for WOEMA.

Dr. Gean Chairs the ACOEM *Council on Education and Academic Affairs* where he is currently working on the ACOEM Online Project to deliver online education to the world. Dr. Gean has presented on Mobile Medical Technology for the last 3 years to national audiences and to multiple Regional Medical Centers. However, perhaps coolest of all, Dr. Gean has been the backstage physician at the Academy Awards for the past 16 years.
Dr. Carol Hartigan is the Medical Director of the Spine Center and Spine Rehabilitation Programs at New England Baptist Hospital. She attended both undergraduate and Medical School at the University of Virginia. She completed her internship at Framingham Union Hospital and then her residency in Physical Medicine and Rehabilitation at Tufts University School of Medicine. She has served on numerous committees with the North American Spine Society. She serves on the editorial advisory board for The Spine Journal and the American Journal of Physical Medicine and Rehabilitation. She has authored numerous articles and chapters related to spine rehabilitation. She serves as Assistant Clinical Professor at Harvard Medical School’s Department of Physical Medicine and Rehabilitation.

Dr. Keysor's research interests examine the intersection of function, environment, and psychology in the creation of disability and enhancement of participation among older adults and persons with arthritis. She uses clinical research methods in epidemiology to examine disablement and clinical trials to evaluate interventions designed to enhance participation (e.g., minimize disability) among elderly persons and adults with arthritis. She is the principle investigator of an ongoing clinical trial examining the effects of a job accommodation and educational intervention delivered by physical and occupation therapists on minimizing work limitations among people with arthritis.

Jeffrey C. May is principal scientist at May Indoor Air Investigations LLC, located in Tyngsboro, MA. His company has been investigating and solving moisture, odor and mold problems in homes, schools, offices and medical facilities throughout the U.S. for over 20 years. He has analyzed by microscopy more than 30,000 air and dust samples and is the author of “My House is Killing Me!” (2001), and My Office is Killing Me! (2006), and co-author, along with Connie L. May, of “The Mold Survival Guide” (2004), and Jeff May’s Healthy Home Tips, (2008), all published by The Johns Hopkins University Press. Jeff received a B.A from Columbia College and an M.A. in organic chemistry from Harvard University. Jeff has served as an adjunct faculty member at UMass Lowell in the Department of Work Environment and has given presentations
Robert K. McLellan, MD, MPH
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Robert K. McLellan, MD, MPH received his BA, MD and MPH from Yale University. He serves as the Chief of the Section of Occupational and Environmental Medicine of Dartmouth-Hitchcock Medical Center and is Associate Professor of Medicine, Community and Family Medicine, and The Dartmouth Institute at the Geisel School of Medicine at Dartmouth. At D-H, he created and serves as Medical Director of Live Well/Work Well, a comprehensive, integrated health promotion and health protection program for Dartmouth-Hitchcock’s employees and their families. This cutting edge program is recognized by the National Institute of Occupational Safety and Health as exemplifying the best practices in contemporary occupational medicine and is among its first Total Worker Health™ Affiliates. The program is featured prominently on the NIOSH TWH website. At Dartmouth-Hitchcock he has led the initiative to obtain recognition of the occupational and environmental medicine clinic as an NCQA Level 3 Recognized Specialty Practice, the only NCQA recognized specialty clinic at D-H and one of the first two such recognized occupational medicine clinics in the United States.

He is a past president of the American College of Occupational and Environmental Medicine, as well as the New England College of Occupational and Environmental Medicine. ACOEM is the nation’s largest medical society dedicated to promoting the health of workers through preventive medicine, clinical care. Among his accomplishments during his presidential term, he chaired the board committee which provided oversight to the helped bring national attention to flaws in the national recordkeeping process.

Dr. McLellan has extensive experience as an occupational and environmental medical consultant in a wide range of economic sectors and has maintained a clinical practice in occupational and environmental medicine for 35 years. He has written extensively and lectured throughout the nation and internationally on issues related to occupational and environmental medicine. He is considered a thought leader in several areas in the field, including respiratory protection for which he a written the seminal text, the role of occupational medicine in emergency preparedness and response, the the place for occupational medicine in accountable care organizations, disability prevention and management and the emerging field of Total Worker Health™.

Dr. McLellan has been the Principal Investigator of several grants related to occupational and environmental medicine and was a co-recipient of the National Institute of Occupational Health and Safety’s NORA (National Occupational Research Agenda) award for innovative research.

He is the recipient of numerous other awards including: the New Hampshire Public Heath Association’s Roger Fossum award “for dedicated commitment and leadership in environmental and public health”, two President’s Awards from The American College of Occupational and Environmental Medicine and the Harriet Hardy Award from the New England College of Occupational and Environmental Medicine “for a physician who exemplifies the highest ideals of occupational and environmental medicine practice.”
John Meyer, MD, MPH  
Associate Professor  
Mount Sinai School of Medicine  
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Dr. Meyer’s Clinical Specialties & Interests are Occupational Medicine and Epidemiology; Public Health; Occupational Exposure; Work and Environmental Hazards to Pregnancy; Toxicology; Population Surveillance; and Occupational Diseases. He is an Associate Professor at the Mount Sinai School of Medicine in New York, NY and Associate Dean and Department Chair at SUNY-Downstate School of Public Health in Brooklyn, NY. Dr. Meyer’s education & medical training were at Beth Israel Deaconess Medical Center, Boston University Medical Center, Boston University School of Public Health, Weill Cornell Medical College of Cornell University, National Institute of Child Health & Human Development and New York Presbyterian Hospital, Columbia Campus. He is Licensed by the NY State Medical License. He is a member of the American Board of Preventive Medicine in Occupational Medicine, Public Health & General Preventive Medicine.

Donald R. Murphy, DC, DACAN  
Rhode Island Spine Center  
Department of Family Medicine  
Alpert Medical School of Brown University School  
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Dr. Murphy is the Clinical Director of the Rhode Island Spine Center as well as Clinical Assistant Professor, Department of Family Medicine at the Warren Alpert Medical School of Brown University. He is also Professor, Part-Time University Faculty, Southern California University of Health Sciences and Adjunct Associate Professor, Department of Research, New York Chiropractic College. He has 27 years’ experience in primary spine care. Dr. Murphy has been on the Expert Panel for several spine care guidelines, including those of the American College of Occupational and Environmental Medicine, the RAND Corporation, American College of Physicians and the American Pain Society. Dr. Murphy has nearly 100 publications in peer-reviewed scientific journals and book chapters. He is the lead instructor for the certificate course for Primary Spine Practitioners and his recent book, Clinical Reasoning in Spine Pain: Primary Management of Low Back Disorders Using the CRISP Protocols serves as the required text for that course.

Margaret E. O'Connor, MMHC, RN, COHN, FAAOHN  
Associate Director Of Health & Safety  
Massachusetts Nurses Association  
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Margaret’s experience in health and safety spans many years in acute care, working with nurses and all employees to decrease the occurrence of illness and injury and improve health and wellness. She is certified as an occupational health nurse as well as a hospital risk manager. In 1984 established an Employee Health Department for 1500 employees and four years later created an Occupational Health Division servicing approximately 2200 area businesses in the southeast section of Massachusetts. As a result of providing occupational health services, new product lines emerged to meet the needs of business such as an International Travel Clinic for maritime clients. She graduated from Mount Auburn School of Nursing as a diploma nurse, received a Bachelor of Science in Nursing from Curry College and a Masters in Healthcare Management from Cambridge College. She now educates students and nurses on health and safety as an Associate Director with the Massachusetts Nurses Association. She
Gina Orton, M.D.
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Gina Orton, M.D., serves as the Medical Officer and board certified psychiatrist of the Employee Assistance Program of the Federal Bureau of Investigation, Department of Justice. In this unique role since 2002, Dr. Orton responds to critical incidents impacting FBI personnel throughout the organization. She has developed a number of reintegration, resiliency and recovery programs for those experiencing seminal events such as horrific crime investigations, active shooter incidents, suicide, line of duty death, terrorism and deployment to austere environments. Dr. Orton, has lectured nationally and internationally, as well as at the FBI’s National Academy on the prevention and management of stress in law enforcement officers, medical responders and military personnel. She speaks regularly on the management of the difficult employee and prevention of suicide and violence. During twelve years with the Department of Veteran’s Affairs, Dr. Orton worked in a direct clinical capacity with hundreds of combat veterans in recovery from Post Traumatic Stress Disorder, as well as with veteran’s impacted by military sexual trauma and prisoner of war experiences. Dr. Orton developed expertise in the management and prevention of suicidal and violent behavior. She pioneered efforts in the prevention of violence in the hospital environment. Dr. Orton, attended Yale University for undergraduate studies and Hahnemann University Medical School. She completed internship and residency training in psychiatry at Indiana University Medical Center and a Forensic fellowship at Hahnemann University Medical Center.

Glenn Pransky, MD, MocCH, FACOEM
Director, Center for Disability Research
Liberty Mutual Research Institute
Hopkinton, MA

Dr. Glenn Pransky is Director of the Center for Disability Research at the Liberty Mutual Research Institute in Hopkinton, MA. The Center is dedicated to scientific research on the return to work process. It includes over a dozen active studies, and has produced over 75 scientific publications in the past 8 years. Dr. Pransky is a co-investigator on several studies of outcomes in work-related injuries and illnesses in older workers, and directs other studies on disability prevention and rehabilitation effectiveness in work-related musculoskeletal disorders. He is the author of numerous scientific articles on disability, measures of work-related outcomes in occupational injuries and illnesses, treatment interventions, and screening for occupational disease. He is board-certified in both occupational medicine and internal medicine, and holds faculty appointments as an Associate Professor in the Department of Family Medicine and Community Health at the University of Massachusetts Medical School, in Worcester, Mass, and at the Harvard School of Public Health in Boston. Dr. Pransky received his M.D. from the Tufts University School of Medicine, a master's degree in occupational health from the Harvard School of Public Health, and completed a research fellowship in health services research at the Agency for Health Care Policy and Research in Rockville, MD. He currently serves as the Secretary of the International Commission on Occupational Health’s Committee on Work Disability Prevention and Reintegration.
Dr. Jack Ross graduated from Yale College and Tufts University School of Medicine. He completed his Internal Medicine and Infectious Disease training at Hartford Hospital, and served with the United States Public Health Service. Currently, he is the Director of the Infectious Diseases, HIV, and Epidemiology programs at Hartford Hospital, and the Director of Infection Control for Hartford Healthcare Corporation. He is an Associate Professor of Medicine at the University of Connecticut School of Medicine. His career has been devoted to serving underserved populations, medical education, and infection control.

After a career as an environmental consultant that included serving as vice president for a private sector environmental firm, Paula Schenck entered the public health arena with interest in how human disease could be ameliorated and/or possibly prevented by addressing the environment. With others she established the Center for Indoor Environments and Health to focus specific strengths within UCONN on this objective. She developed multiple initiatives directed at improving indoor environments in schools and offices. She has provided technical support and evaluation on healthy homes efforts. Paula provided a series of mold and moisture trainings at cities around the country and as course director developed a web-based course for clinicians. Specific to the concerns of indoor exposures subsequent to climate change and storm events, she currently is principal investigator of “Recovery from catastrophic weather: mold exposure and health-related training”, a CDC/NIOSH funded grant designed to improve agency, medical, construction worker and the public’s knowledge and actions to address consequences of mold exposure on health. Recent relevant publications and presentations include a 2012 book chapter on effective health risk communication concerning excessive indoor moisture or mold, and a poster presented at the 2014 NECOEM annual meeting on “Preventing Respiratory disease associated with severe weather response”. At the UCONN Occupational Medicine clinic, Paula is called upon to provide guidance on environmental and/or workplace interventions as part of patient treatment. She instructs in the Masters in Public Health program, is a seminar leader on asthma and environment and coordinates segments on occupational health at the UCONN School of Medicine. She authored two patents relative to research on algal physiology, completed early in her career.

Dr. William Shaw is a Principal Research Scientist with the Liberty Mutual Research Institute for Safety in Hopkinton MA. His work focuses on improving return-to-work outcomes for work-related musculoskeletal conditions through the integration of clinical and workplace factors. Dr. Shaw has investigated risk factors
for delayed recovery from occupational low back pain and examining optimal supervisory practices for responding to workplace injuries. His other studies have focused on patient-provider communication of workplace concerns and the strategies that workers use to stay on the job while managing recurrent pain. In addition to his current position, Dr. Shaw is an Instructor with the Department of Family Medicine and Community Health at the University of Massachusetts Medical School, Worcester, Massachusetts, and an Adjunct Scientist at the Institute for Work & Health, Toronto, Ontario. Before joining the Research Institute, Dr. Shaw completed a post-doctoral fellowship in occupational health psychology at Georgetown University. He received his Ph.D. from the San Diego State University/University of California, San Diego Joint Doctoral Program in Clinical Psychology with a study emphasis in behavioral medicine. Prior to his graduate studies, he worked as a consulting civil engineer for ten years. He earned his B.S. in civil engineering from Pennsylvania State University. Dr. Shaw has co-authored over 100 peer reviewed journal articles, book chapters, and has been an invited speaker and many local, national and international conferences.

Margaret E. Smith, PhD
Plant Breeding and Genetics
School of Integrative Plant Science
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Margaret E. Smith joined the Cornell faculty in 1987 in Plant Breeding and Genetics, focusing on corn breeding. Since 2008 she has served as the Associate Director of the Cornell University Agricultural Experiment Station, and devoted the other portion of her time to research and extension related to plant breeding. Her research is primarily on field corn, but also includes work on sweet corn. Her program emphasizes breeding for productivity and adaptation to New York growing conditions, improving insect and disease resistance, adapting varieties to more sustainable production systems, and breeding for organic systems. Margaret has served as the Extension Leader for Plant Breeding and Genetics since 2001. In her extension role, she conducts educational programs for agricultural audiences on crop varieties and seeds, and provides educational programming about plant genetic engineering for a wide range of public audiences, including policy-makers. Before coming to Cornell, Margaret worked for several years in Latin America, first as a plant breeder at the Tropical Agriculture Center for Research and Teaching in Turrialba, Costa Rica, and later as a corn breeder at the International Maize and Wheat Improvement Center in Texcoco, Mexico. She currently collaborates on a plant breeding graduate education project in Ghana and serves on the advisory board for a dryland cereal improvement project based in India.

Erin Teeple, MD
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Erin Teeple, MD (HSPH MPH 2014, OEMR 2016), is a second year resident in the HSPH Occupational and Environmental Medicine Residency program. Her interest in Occupational Medicine developed from her desire to more effectively evaluate and treat musculoskeletal injuries and osteoarthritis, a topic she began to consider during her Orthopedic Surgery Residency and Sports Medicine Research Fellowship at Brown/Rhode Island Hospital. Erin is completing her training through a joint appointment in the OEMR and on the NIAMS T32 Grant held by Drs. Jeffrey N. Katz and Elena Losina in the Orthopedic and Arthritis Center for Outcomes Research (OrACORe) at Brigham and Women’s Hospital. Erin has published in the areas of cartilage mechanics and osteoarthritis pathophysiology, and she is particularly interested in maximizing functional outcomes in osteoarthritis treatment. Erin graduated with honors from Brown University and received her MD from Brown Medical School. She now lives in Westborough, MA with her husband, a professor of Classics at the College of the Holy Cross in Worcester, and their two children.
Paul D. Thompson, M.D., graduated Cum Laude in Biology from Tufts College and from Tufts Medical School. He served as a medical intern and resident, as well as a cardiology catheterization fellow, at Tufts New England Medical Center and completed his training in cardiology at Stanford Medical Center. Dr. Thompson is Chief of Cardiology and The Athletes’ Heart Program at Hartford Hospital, Hartford, CT and Professor of Medicine at the University of Connecticut. He previously was Professor of Medicine at the University of Pittsburgh from 1992 to 1997 and on the faculty of Brown University from 1978 to 1992. He has authored over 350 scientific articles on topics which include: the effects of exercise training on preventing and treating heart disease, the cardiovascular risks of vigorous exercise, the effects of exercise on lipid metabolism, the effects of statins on skeletal muscle, and genetic factors affecting the exercise response. The NIH has supported several of these projects including: the Preventive Cardiology Academic Award; Lipoproteins in Active Men: Role of Exercise & Diet; the Effects of Testosterone on Endothelial Function; Functional Single Nucleotide Polymorphisms Associated with Human Muscle Size and Strength (FAMuSS); and the Effects of Statins on Skeletal Muscle Function (STOMP). Dr. Thompson is the Editor of the book, Exercise and Sports Cardiology. He is a Past President of the American College of Sports Medicine. He was a member of the American Board of Internal Medicine’s Cardiovascular Disease section where he was one of 12 cardiologists responsible for preparing the cardiovascular certification exam. Dr. Thompson’s research and clinical interests in exercise originate from his personal interest in distance running. He qualified for the 1972 U.S. Olympic Marathon Trials and finished 16th in the Boston Marathon in 1976. Dr. Thompson has served as a television medical commentator for two Boston and five NYC Marathons and commented on the 1992 and 1993 NYC events while running the race. He was NBC’s Sports Medicine Analyst at the 1988 Olympic Games in Seoul, Korea and served in a similar capacity for ABC’s coverage of the 1991 Pan American Games in Cuba. He has been a guest on Good Morning America nine times.

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Dr. Jonathan Torres is the Medical Director of Workmed Occupational Health Services, St. Mary's Hospital in Auburn Maine. He has served in the USAF as a flight surgeon and completed his residency in Occupational Medicine at UMass Medical Center. He is Board Certified in Occupational Medicine and has been in clinical practice in Maine for 20 years.

Kalman L. Watsky, MD
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Kalman L. Watsky, MD is a 1983 graduate of Boston University School of Medicine. He was a resident and Chief resident in Dermatology at Yale-New Haven Hospital from 1987-1990. Since 1990 he has been in the private practice of Dermatology in New Haven, Section Chief of Dermatology at the Saint Raphael campus of Yale-New Haven Hospital, and
a clinical faculty member of the Yale School of Medicine. His clinical and academic interests have been in the area of Occupational and Environmental skin disease; he is currently Vice President of the American Contact Dermatitis Society.