

OEMR SYNAPSE

2013 Annual Report

2014, 6th Ed. Editors: Michael Shusko, MD, MPH; Madeleine Straubel, BA

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From OEMR Program Director and Associate Professor: Stefanos N. Kales, MD, MPH, FACP, FACOEM (OEMR 1993)

Welcome to the sixth edition of the Harvard School of Public Health (HSPH) Occupational and Environmental Medicine Residency (OEMR) Annual Report, the OEMR Synapse. This edition features our current residents, 2013 graduates, resident and alumni achievements, and upcoming events. It also includes articles on Residency events and progress, as well as our continuing impact on the field of OEMR.

As you will see from the table of contents, 2013 has been a busy year for the OEMR. In June, we graduated two more residents, both of whom received ACOEM Resident Research Awards for their work and subsequently published that research. We have also had several additional publications deriving from research conducted by our recent alumni. During AOHC, I was honored to receive the Kehoe Award from ACOEM. We had a great time catching up with friends and colleagues in Orlando, FL at our annual reunion dinner. The Residency was also involved in coordinating a sold-out symposium on firefighter research held concurrently with AOHC.

In addition to AOHC events, international travel has been a popular theme this year. In 2013, HSPH OEMR faculty and residents took trips to and presented at conferences in Bologna, Italy; Zhunan, Miaoli, Taiwan; Matsuyama, Japan; and Tokyo, Japan; among others. National conferences and events that featured OEMR affiliates include AOHC in Orlando, FL and NEOEM/ MaAOHN in Newton, MA.

Our residents and alumni continue to reach the highest levels of distinction in their careers. In addition to what has already been said, honors and achievements for 2013 include significant board exam successes, an HSPH Alumni Merit Award, and more, all in the report.

Following the major success of conferences in 2010 and 2012, the Initiative for Productivity and Health Management is proudly announcing a two-day symposium on "Mediterranean Diet and Workplace Health" for September 27-28, and we hope to see many of you there. See page 16 for details.

That being said, I regretfully report that OEM training continues to face substantial

financial threats at the present time. NIOSH ERC funding is continually vulnerable, and OPSF scholarships, which funded so many of our alumni, remain defunct. I would like to take this opportunity to thank those alumni and affiliates who donated to the HSPH OEMR in 2013 and to urge everyone to consider joining me in making a tax-deductible gift to support the HSPH OEMR. We are seeking an eventual alumni support rate of 100%. Donations of any size go a long way to supporting Residency activities and training.

In closing, let me extend my wishes for health and success in 2014 to you and your families. I also invite OEMR alumni to join us for a reunion at AOHC 2014 in San Antonio. See page 8 for details.

Best regards, Stefanos



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Current Residents: First Year



Laurent Benedetti, MD, MPH (OEMR 2015), is from southern France. He majored in English at the University of Massachusetts, Amherst and wrote his honors thesis on whether *Yersinia pestis* could have caused the Black Death in 14th Century London and if epidemiologic vectors were in place to sustain the pandemic. Before attending medical school at the University of Massachusetts in Worcester, Laurent volunteered in rural health clinics in Nepal, and worked for the National Health Service in England and for the Ministry of Agriculture in France. Laurent completed his residency at the University of Massachusetts, Worcester, in Pre-

ventive Medicine and obtained his MPH from the University of Massachusetts, Amherst. During his preventive medicine training, he worked with clinic and hospital task forces to develop innovative practice models to improve patient care delivery. His interest in international health policy prompted his work with the WHO in Geneva, where he helped to publish the QualityRights Tool Kit, a method for countries to improve the quality of their mental health and social care facilities. Laurent has strong interests in innovative mobile platform technology and its application in healthcare. Laurent is Board Certified in General Preventive Medicine.



Mason Harrell, III, MD, FS (HSPH MPH 2014, OEMR 2015), hails from Southern California and a graduate of the U.S. Military Medical School, USUHS, in Bethesda, Maryland. Prior to medical school matriculation, Mason majored in Spanish at Brigham Young University in Provo, Utah and studied at the University of Alicante, Spain. While at USUHS, Mason investigated Dengue Fever in Iquitos, Peru, and worked for two months in Mexico City at the Federal Hospital. After completing a Transitional Internship at Naval Hospital San Diego, Mason completed the mili-

tary Humanitarian Medicine course and traveled with a team of physicians to Kampala, Ghana to distribute medical supplies and provide medical aid. Mason was winged a Naval Flight Surgeon in 2010 and served at Naval Air Station Sigonella, Italy as the Base Flight Surgeon and Department Head of Aerospace Medicine. While at Sigonella, he served as the NATO medical liaison during the Libya conflict of 2011, and deployed to Uganda with the Marines. So-Cal Mason and his Mediterranean wife are learning to appreciate the Boston winter.



Erin Teeple, MD (HSPH MPH 2014, OEMR 2016), is a first 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.

Current Residents: Senior Year

Diane Chen, MD, MPH (OEMR 2014), is a second year resident at the HSPH Occupational and Environmental Medicine Residency program. She majored in chemistry at Haverford College before matriculating to Harvard Medical School, where she received her MD. Diane then completed anesthesiology residency training at Harvard's Massachusetts General Hospital (MGH). She is board certified in anesthesiology and practiced as staff at Harvard's Mass Eye & Ear Infirmary. She subsequently obtained her MPH in environmental and occupational health from HSPH, and then

performed phthalate research in Taiwan as a Harvard Frederick Sheldon Fellow.

Diane is now furthering her clinical training in occupational and environmental medicine, with interests in environmental health, sleep medicine, and pain control. Her extracurricular activities include gardening, cooking, tennis, bicycling, swimming, and spending time with her daughter, husband, and cat. In the future, she hopes to synthesize her various research and clinical interests both domestically and internationally.



Sharon S. Lee, MD, MPH (OEMR 2014), is a native New Yorker and graduate of SUNY Binghamton University and SUNY Downstate Medical School. Prior to medical school, she worked in cancer research at Weill Medical College of Cornell University and the NYU Cancer Institute. She completed two years of clinical training in pediatrics at NYU Medical Center and then finished her residency in General Preventive Medicine and Public Health at the University of Rochester Medical Center, where she also earned her MPH.

During her preventive medicine training and rotations at Xerox, Finger Lakes Occupational Health Services, and Strong Health Occupational and Environmental Medicine Clinic, Sharon developed a passion for occupational medicine. Her research interests in occupational medicine focus on workplace health promotion programs. Sharon is Board Certified in General Preventive Medicine.

Outside of medicine, she enjoys reading, cooking, kickboxing, and traveling. Sharon also enjoys exploring the Boston area.



Michael Shusko, MD, MPH, FAAFP (HSPH MPH 2013, OEMR 2014), Chief Resident, is originally from Long Branch, NJ and is completing his residency as a US Naval Scholar. Michael enlisted in the Marines in 1985 and served for 13 years before receiving a commission in the Navy after earning his undergraduate degree in Middle Eastern Studies and Arabic from Rutgers University. He earned his MD at Wake Forest University School of Medicine before completing a transitional internship at the Naval Medical Center in Portsmouth, VA. After a tour with the Marines and a year in Iraq, he returned to finish a

Family Medicine Residency at the Naval Hospital at Camp Lejeune, NC. He is board certified in Family Practice. After residency, he was assigned to the newly established Marine Forces Special Operations Command as a Regimental Surgeon, deploying on 14 missions throughout the globe before transferring to the International Security Assistance Force in Afghanistan to serve as the Officer in Charge of the NATO Clinic in Kabul. Most recently, prior to Harvard, he was the Senior Medical Officer at the Naval Branch Health Clinic in Bahrain. Michael lives with his wife and 13 year old triplet boys on the South Shore.



2013 Graduates



Kevin Johnson, DO, MPH (HSPH MPH 2012, OEMR 2013), is from Owatonna, MN and completed his residency at HSPH as a US Naval Scholar. He served as Chief Resident for the 2012-2013 academic year, leading weekly board review sessions at HSPH.

In 2003, Kevin was commissioned as a Medical Officer in the United States Navy and went on to earn a DO at Des Moines University, where he was also inducted as a member of the National Osteopathic Honor Society. After completing an Internship in Internal Medicine at the National Naval Medical Center in Washington DC, Kevin qual-

ified as an Undersea Medical Officer (UMO) in Diving and Hyperbaric Medicine. Following residency, Kevin began work as the department head for Occupational Medicine at Naval Base Kitsap in Bangor, WA. Shortly thereafter he attained Board Certification in Occupational Medicine.

Kevin continues to be involved in research exploring sleep habits and accidents in transportation operators. This research has been accepted for publication. He has two sons with his wife Ahna. His personal interests include running, hiking, Nordic skiing, scuba diving, and travel.



Dennis Teehan, MD, MPH (HSPH MPH 2012, OEMR 2013), is from Dedham, MA and completed his residency at HSPH as a two-year ACOEM OPSF Scholar. Before entering medicine, he was a social worker for the Commonwealth of Massachusetts.

Prior to the OEMR, Dennis earned his MD at Tufts Medical School and completed an internal medicine internship at St. Vincent Hospital in Worcester. He also gained clinical research experience at Brigham and Women's Hospital in the Emergency Medicine Department and completed a one year

certificate program in psychoanalytic psychology. Dennis is currently an Attending Physician in Primary Care and Occupational Medicine at Tristan Primary Care in Raynham, MA. He is Board Certified in Occupational Medicine.

Outside of medicine, Dennis enjoys writing and exercise. He has been appointed to the Board of Directors for The Italian Home for Children in Jamaica Plain. He is also one of the biggest New England Patriots fans ever to have attended HSPH.

Occupational Medicine Research and Special Clinical Fellow



Shu-Yi Liao, MD, MPH, MS, ScD (HSPH MPH 2010, MS 2012, ScD 2013), is currently a visiting scientist at HSPH and an Internal Medicine resident at University of California, Riverside. He earned his MD from the National Taiwan University before spending four years for the MPH, Master of Science in Biostatistics, and Doctor of Science in Environmental and Occupational Medicine under the mentorship of Dr. Christiani. He also rotated in the occupational clinic at Cambridge Health Alliance under the mentorship of Dr. Kales. His research focuses on gene-environment interaction and occupational exposure on

lung function. He presented his research at the ATS conference in Philadelphia, where he received an ATS abstract scholarship award. He also published the article, "Gene-environment Interaction Effects on Lung Function- A Genome-Wide Association Study within the Framingham Heart Study," in *Environmental Health* in December 2013. He is currently working with Dr. Christiani on upcoming publications. He would love to combine his interests in occupational medicine, preventive medicine, and internal medicine to promote the importance of prevention of occupational exposure.

Alumni Spotlight: Dr. Carolyn S. Langer

Carolyn S. Langer, MD, JD, MPH (HSPH MPH 1992, OEMR 1993), is the Chief Medical Officer for MassHealth, the Massachusetts state Medicaid program. In this role, she directs the Office of Clinical Affairs and provides clinical leadership to the Medicaid program. She is responsible for the medical management of all the health care services MassHealth provides its members. She has an extensive career as a physician executive, with significant experience working in the health plan and managed care arena. Past positions include Medical Director at Harvard Pilgrim Health Care, Fallon Community Health Plan, Blue Cross Blue Shield of MA, and Tufts Health Care Institute, as well as Vice President and Chief Medical Officer at ManagedComp, which is a managed care workers' compensation company.

Dr. Langer is an Instructor at the Harvard School of Public Health (HSPH), where she teaches a graduate course on Occupational Health Law, Policy, and Administration. She also sits on the HSPH Occupational and Environmental Medicine Residency Advisory Committee (RAC). Dr. Langer is an Adjunct Instructor in Public Health and Family Medicine at the Tufts University School of Medicine. She also sits on the Advisory Board for the Health Policy and Management Department at the BU School of Public Health.

Dr. Langer is a former flight surgeon in the Army National Guard. As a medical corps officer and flight surgeon in the Army National Guard, Dr. Langer assumed command of a MASH unit and directed an aviation medical program. She held the rank of Colonel when she retired from service.



Dr. Langer received her medical degree from Jefferson Medical College and completed her occupational medicine residency at the Harvard School of Public Health. Dr. Langer also holds a law degree and a Masters in Public Health from Harvard University. She is Board Certified in Occupational Medicine.

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Alumni Spotlight: Dr. James A. Tacci



James A. Tacci, MD, JD, MPH, FACOEM, FACP (HSPH OEMR 1997), is the Medical Director of the Rochester General Health System Department of Occupational Medicine, where he was recruited to completely overhaul, update, and reshape the institution's occupational medicine services. In addition to recreating the hospital-

based occupational medicine clinic services, he is charged with developing a seamless network of occupational, primary care, specialty care, and ancillary services providers across the Greater Rochester area. Dr. Tacci previously worked for Xerox Corporation as the Global Corporate Medical Director and Manager of Medical, Health, & Wellness Services. He has been a part-time member of the University of Rochester Medical Center faculty since 2002.

He currently serves on the governing board and executive committee of ACOEM as the College's Secretary-Treasurer, and has recently been elected to become ACOEM's Vice-President, which places him on a succession pathway to become ACOEM President-elect, and then ACOEM President.

Dr. Tacci received his BS in Biology

from Cornell University, and his MD with Distinction in Research from the University of Rochester. He completed residency training in General Preventive Medicine & Public Health at the New York State Department of Health, and in Occupational & Environmental Medicine at the Harvard School of Public Health. Dr. Tacci received his JD magna cum laude from Syracuse University. He is Board Certified in Occupational Medicine and in Public Health & General Preventive Medicine.

Jim resides in Rochester, NY with his wife Robyn and 4 year-old son James, with a daughter on the way! Jim maintains close ties with the HSPH OEMR, and he emphasizes that his door (or e-mail) is always open to Residency graduates who might want his perspective on ACOEM or careers in OEM.

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Resident Research Awards and Presentations



Kevin presenting at AOHC.

Kevin Johnson, DO, MPH, and Dennis Teehan, MD, MPH, both presented research at ACOEM's 2013 American Occupational Health Conference (AOHC) in

Orlando, Florida. Kevin presented "Association of Self-Reported Sleep Habits with Accidents and Near Misses in Transportation Operators," while Dennis presented, "Sudden Cardiac Death in Firefighters Under 45." Both Kevin and Dennis received ACOEM Resident Research Awards for their hard work. Dennis's research was published in the American Journal of Cardiology in December 2013, and Kevin's research has been accepted for publication in 2014 in JOEM. (See page 8 for details.) Congratulations, Kevin and Dennis!

Since 2000, HSPH OEM resi-

dents have won a total of 20 ACOEM research awards, and have been on the podium at 11 of the last 14 AOHC meetings.



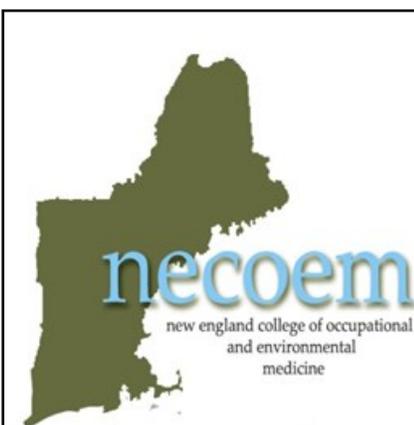
Dennis presenting at AOHC.

ABPM Board Exam Successes

We are pleased to report six recent successful American Board of Preventive Medicine (ABPM) exam results for current HSPH OEM residents and recent alumni as of December 2013. Recent alumni Marie-Christine David, DO, MPH '12; Kevin Johnson, DO, MPH '13; Paul Medrek, MD, MPH '12; and

Dennis Teehan, MD, MPH '13, all passed the ABPM exam for certification in Occupational Medicine. Current residents Laurent Benedetti, MD, MPH, and Sharon Lee, MD, MPH, successfully passed the ABPM exam for certification in Public Health and General Preventive Medicine.

Scores were strong across the "board," and we would like to take this opportunity to recognize Christine, Kevin, Paul, Dennis, Laurent, and Sharon. Congratulations to all—your many hours in HSPH's weekly board review have paid off!



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Join us for "The Science and Practice of OEM"
NECOEM/MaAOHN ANNUAL CONFERENCE
December 4 and 5, 2014, Boston Newton Marriott Hotel

Resident and Recent Alumni Publications 2013

Batool-Anwar S, DeYoung PN, **Varvarigou V**, **Zhang C**, Patel SR, Kales SN, Malhotra A. Obstructive Sleep Apnea and Psychomotor Vigilance Task Performance. *Nature and Science of Sleep*. In Press.

Johnson KD, Patel SR, Baur DM, Edens E, Sherry P, Malhotra A, Kales SN. Association of Sleep Habits with Accidents and Near Misses in United States Transportation Operators. *J Occup Environ Med*. In Press.

Korre M, Farioli A, **Varvarigou V**, Sato S, Kales SN. A Survey of Stress Levels and Time Spent across Law Enforcement Duties: Police Chief and Officer Agreement. *Policing: A Journal of Policy and Practice*. In Press.

Rielly A, Kales SN (eds). A Guide to the Recognition and Prevention of Occupational Heart Disease for the Fire and Emergency Medical Services. 4th Ed. International Association of Fire Fighters. 2013. https://www.iaff.org/hs/PDF/HeartDiseaseManual_2013.pdf.

Yang J, **Teehan D**, Farioli A, Baur DM, Smith D, Kales SN. Sudden Cardiac Death among Fire fighters ≤ 45 Years of Age in the United States. *Am J Cardiol* 2013;112;1962-7.

*HSPH OEM Resident/Recent Alumni Authors in bold. Listed publications reflect work initiated and/or completed while in the HSPH residency program.



Save The Date: ALUMNI REUNION at AOHC San Antonio, TX * Monday, April 28th, 2014 * 8:00pm

Please join us at the American College of Occupational and Environmental Medicine's AOHC 2014 for an Alumni Reunion as we welcome current and former HSPH OEM residents in San Antonio, TX. The reunion dinner will be held on Monday, April 28th at 8:00pm at a restaurant convenient to the conference. If you are an OEMR alumnus, please RSVP to Madeleine Straubel at mstraube@hsph.harvard.edu if you have not done so already.

Once again, HSPH will be well represented at AOHC with a resident research award presentation by Dr. Sharon Lee and resident poster presentations by Drs. Michael Shusko and Diane Chen. Thank you to last year's Co-Chairs, Drs. Stephen and Michael MacDonald, for an excellent 2013 alumni reunion in Orlando, FL (above). We hope to see you at AOHC and the alumni reunion!

International Convention in Bologna



Meeting Co-Presidents Mr. Reggiani, Dr. Christiani, and Dr. Violante (L-R).

On March 22, 2013, Dr. David Christiani, Elkan Blout Professor of Environmental Genetics and Director of the Harvard-NIOSH Education and Research Center at HSPH; Dr. Stefanos Kales, Associate Professor and Director of the Occupational and Environmental Residency at HSPH; and Dr. Charles Czeisler, Baldino Professor of Sleep Medicine at HMS; participated in an international convention in Bologna, Italy, "Excessive daytime sleepiness, work and road safety."

The Meeting Co-Presidents were Dr. Francesco Saverio Violante, Professor of Occupational Medicine at the Alma Mater Studiorum University of Bologna and Director of the Occupational Medicine OU at the Sant'Orsola Malpighi Hospital Bologna; Dr. Alberto Cicognani, Professor of Legal Medicine at the Alma Mater Studiorum University of Bologna; Dr. Agostino Baruzzi, Scientific Director at the IRCCS Institute of Neuro-

logical Sciences; Dr. Christiani; and Maurizio Reggiani, Director of Research & Development at Automobili Lamborghini S.p.A. The conference was dedicated to the memory of Professor Pasquale Montagna, eminent neurologist at the University of Bologna, and it was organized by the University of Bologna, in partnership with Harvard School of Public Health, Auto-

mobili Lamborghini, Italdesign Giugiaro, and Ducati Motor. We were honored to have Dr. Elio Lugaresi, Professor Emeritus of Neurology at the University of Bologna and a distinguished pioneer in sleep medicine, also in attendance at the conference.

The convention was aimed at specialists in occupational health, neurology, legal medicine, hygiene, and public health, with the intention to improve the strategies of prevention of road accidents through the comparison between medical science and technological research of the automotive industry. Participants were provided with updated knowledge regarding shift work and health risks, including excessive daytime sleepiness and work eligibility, medical legal issues based on the current law, and innovative approaches to identify sleepiness and falling asleep involuntarily.



Drs. Czeisler, Lugaresi, and Kales (L-R).

Dr. Kales Receives Kehoe Award and OEMR Faculty Awards



Dr. Auerbach presenting Dr. Kales with the Kehoe Award.

On April 28, 2013, at the American Occupational Health Conference in Orlando, Florida, Dr. Stefanos N. Kales was presented with the College's 2013 Kehoe Award for Excellence in Education and Research in Occupational and Environmental Medicine for his leadership in and contributions to the field of OEM by ACOEM's President, Dr. Karl Auerbach, on behalf of the Board of Directors.

Dr. Kales was recognized for his significant contributions to OEM, including his dedication as a teacher and researcher to improving worker health as a pre-eminent authority in cardiopulmonary fitness and firefighting. His research statistically has confirmed an excess of cardiovascular events among firefighters during strenuous duties; has provided quantification of risk factors; and has clarified the interaction between occupational stressors and medical risks. Dr. Kales was also cited for his major contributions in OEM toxicology and occupational sleep medicine, as

well as his prolific record of peer-reviewed publishing. Additionally, as Director of Harvard's OEM residency, he has developed new approaches to train residents in health and productivity and disability prevention and motivated Harvard's OEM residents to pursue a wide range of research projects, resulting in Harvard's OEM residency hav-

ing more trainees recognized with resident research awards at AOHC than any other institution.

The Kehoe Award for Excellence in Education or Research in OEM is presented to an individual for significant contributions made to academic excellence or research in the disciplines of occupational medicine, environmental medicine, and/or environmental health. This lifetime achievement award is named in honor of Robert A. Kehoe, MD, a past president and pioneer in the field of OEM. Dr. Kales follows a number of other Harvard fac-

ulty and alumni as Kehoe recipients.

Congratulations are also in order for Jack T. Dennerlein, SM, PhD and Mehrdad O. Hamedani, MD, for 2013 OEMR Academic and Practicum Teachers of the Year, respectively. Thank you both for your strong and thoughtful instruction in the OEMR. We also recognize David Christiani, MD, MPH, SM for making Best of Boston for Pulmonary Physicians in Boston Magazine and Castle Connolly for the 12th straight year!



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Firefighter Research Symposium in Orlando, FL

On April 29, 2013, the Cambridge Health Alliance Division of Occupational and Environmental Medicine hosted a dinner and research symposium titled “Cardiovascular Physiology and Disease in Firefighting: Translating Recent Research to Clinical Practice” in Orlando, FL. The well-attended conference featured research by leading experts in the field and was moderated by Steven Moffatt, MD, Founder of Public Safety Medical. The conference was generously supported by the National Fallen Firefighter Foundation (NFFF); the International Association of Fire Fighters (IAFF); Public Safety Medical; Masimo Corporation; the Safety, Health, and Survival Section of the International Association of Fire Chiefs (IAFC); and the HSPH OEMR.

Following a welcome and brief introductions, Denise L. Smith, PhD, Professor at Skidmore College, opened the evening with “Cardiovascular Strain of Firefighting: Biochemical and



Drs. Moffatt, Hostler, Kales, Smith, Jahnke, and Elpidoforos Soteriades, MD, MSc (HSPH OEMR '03) (L-R).

Physiologic Correlates.” Then Dave Hostler, PhD, Chair and Professor in the Department of Exercise and Nutrition Sciences at the University of Buffalo, presented “Evidence-Based Rehabilitation and Cooling for the Fire Department Physician.” Next was Sara A. Jahnke, PhD, Principal Investigator at the National Development and Research Institutes, Inc., who gave the talk, “Lifestyles of America’s Bravest (Modifiable Risk Be-

haviors).” Last, but not least, was our own Dr. Kales, who discussed “Translating Firefighting Cardiovascular Epidemiology into Clinical Evaluations.”

We are pleased to report highly positive feedback from many course participants, and we hope to offer similar programs in the future. If you are interested in learning more about this research, please start by [visiting the website for Dr. Kales’ research](#).

Resident’s Trip to Taiwan



Drs. Chen and Liou at the National Health Research Institute in Taiwan.

On July 2, 2013, Diane and network with Dr. Liou Chen, MD, MPH of the HSPH OEMR delivered an invited talk on obstructive sleep apnea in commercial drivers at the National Health Research Institute in Taiwan. Invited by Dr. Saou -Hsing Liou, Director of the Division of Environmental Health & Occupational Medicine at NHRI, Diane had the opportunity to meet

and his team over lunch, discussing a variety of topics in addition to obstructive sleep apnea in Taiwanese drivers.

Well done, Diane, and thank you, Dr. Liou, for your generous hospitality!

Director's Trip to Japan



Impromptu HSPH alumni reunion in Japan with Drs. Hirota, Yamamoto, Kales, and Tsuji (L-R).

were Professor Takeyoshi Imai, Hosei University Graduate School of Law, and Ms. Rumiko Iwasada, Motor Journalist.

While in Japan, Dr. Kales also met with several HSPH alumni, including Naomasa Hirota, MD, MPH, Medical Director, Toyota Motor Corporation (MPH classmate of Dr. Kales); Hideki Yamamoto, MD, MPH, PhD, Professor, Teikyo University School of Public Health; and Hiroshi Tsuji, MD, MPH, PhD, Medical Director, Hitachi Zosen Corporation. Many thanks to everyone who showed Dr. Kales such generous hospitality during his trip!

In May 2013, Dr. Kales visited [\(IATSS\)](#) in Tokyo. Professor Tanigawa, Ehime University School of Medicine, and Dr. Kales each gave a keynote presentation. Joining Drs. Tanigawa and Kales at the podium were Professor Takeshi Tanigawa and his colleagues, Dr. Kales was able to visit Hiroshima, Kyoto, and Tokyo.

The first lecture was for the 86th Annual Meeting of the [Japan Society for Occupational Health \(JSOH\)](#) in Matsuyama, where Dr. Kales presented, "Obstructive Sleep Apnea in North American Commercial Drivers." This year's JSOH, chaired by Dr. Tanigawa, was particularly successful.

The second lecture was for "Sleep-disordered Breathing and Traffic Safety 2013," hosted by [International Association on Traffic and Safety Sciences](#)



Optimizing Health and Safety

Best wishes to the OEM Residents and
Graduates at Harvard School of Public Health

Thomas H. Winters, MD, FACOEM, FACPM
Lee Okurowski, MD, MPH, MBA
and Team

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Workshop on Work Related Injuries: New Challenges & New Solutions

March 24th & 25th, Waltham, MA

Please Join Us!

This year's not-to-miss work related injury event

Meeting Highlights

- **First-class faculty** with strong track records in the field of worker injury
- **Interactive meeting format** featuring panel/round-table and case-based discussions
- **13.5 Continuing Education Units (CEUs)** offered for the accredited course lectures
- **Opportunity for 1-on-1 discussions and interaction** with the who's who in the field of worker injury
- **Updates on the latest advances and best practices** discussed by leading occupation health physicians & professionals
- **Diverse group of attendees** involved in worker injury, providing a 360 degree view and fresh perspectives
- **Various in-depth topics and discussions**, including case management, utilization review, workers compensation, policy, & return to work protocols
- **Exhibits** by premier companies involved in developing technologies, products and services related to worker injury

Register Today!

Early Bird Rate: \$175, valid through 1/27/14
Discounted Rate: \$225, valid 1/28/14 until 3/3/14
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Onsite Rate: \$300 (if seats available)

Register at: www.workerscompcare.com/Registration

Accreditation

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Learning Objectives

- **Articulate current challenges related to worker injury** and state how various players in the field influence and impact each other and injured patients
- **Identify occupational health best practices** to better navigate challenging issues related to injured workers
- **Discuss diagnostic assessments of patients** with work related injuries, including the physical exam, psychological assessment, drug and pain medicine diagnosis, and return to work
- **List the most up to date techniques and concepts** in worker injury and disability, pain medicine, and return to work procedures
- **Discuss work-related cervical spine, thoraco-lumbar spine, minor closed head, shoulder, and knee injuries** and the current corresponding legal debates
- **State the challenges of health delivery** for the injured worker and articulate ways to improve it
- **Recognize best practices** for return-to-work procedures, patient drug addiction, injury prevention, etc.
- **Discuss claims processing** and how to find a "win-win" scenario
- **List methods and methodologies to improve the overall process** an injured worker must undergo from start to finish
- **Discuss the risks associated with drug addiction** and how to better drive patient wellness and injury prevention programs
- **Review medical technologies** designed to assist patients with work-related injuries

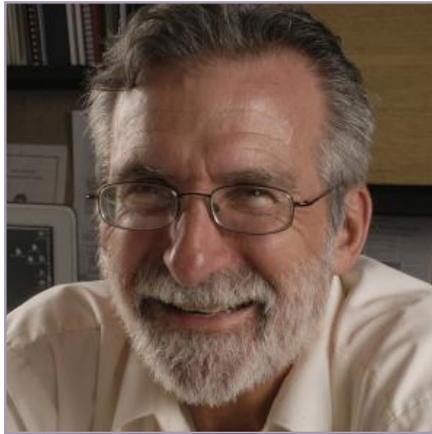
Faculty

Tony Tannoury, MD, *Meeting President*
 John Burrress, MD, MPH, FACOEM
 Nancy Clover RN, COHN-S, FAAOHN
 Michael Erdil, MD, FACOEM
 Dean Hashimoto, MD, JD

Omar Hernandez, JD
 Karen Huyck, MD, PhD, MPH, *Activity Co-Director*
 Michael P. Kelley, ARM
 Maureen McManus
 Diane M. Neelon

Michael J. Shor, MPH
 Abe Timmons, DO, MPH, FACOEM, *Activity Co-Director*
 Thomas H. Winters, MD, FACOEM, FACPM

2013 HSPH Alumni Award of Merit



Marc B. Schenker, MD, MPH '80, was honored with the Award of Merit by the Harvard School of Public Health Alumni Association on November 2, 2013 in conjunction with the School's Centennial Celebrations. Established in 1992, the Alumni Award of Merit is

the highest honor that the School can bestow upon a graduate of the Harvard School of Public Health, recognizing a significant career in the field of public health.

Dr. Schenker is Distinguished Professor, Department of Public Health Sciences University of California at Davis, as well as Associate Vice Provost for University Outreach & Engagement, and Founding Director of the Center for Occupational & Environmental Health, Migration and Health Research Center, and Agricultural Health & Safety Center.

Dr. Schenker's career has focused on understanding the effects of occupational and envi-

ronmental exposures in farmworkers; researching the effect of inorganic dust exposure on the lungs of agricultural workers; identifying the respiratory effects of long-term, low-level exposure to the pesticide, paraquat; examining pesticide illness and adverse pregnancy outcomes among diverse occupations from farmworkers and veterinarians to lawyers, and recent immigrants; and understanding the economic cost of occupational illness.

For more information about the 2013 Alumni Awardees, please click [here](#).

2013 NECOEM/MaAOHN Annual Conference

On Thursday, December 5 and Friday, December 6, 2013, the New England College of Occupational and Environmental Medicine (NECOEM) and Massachusetts Association of Occupational Health Nurses (MaAOHN) hosted the 2013 annual conference in Newton, Massachusetts. The OEMR, along with the Harvard-NIOSH ERC and HSPH Executive and Continuing Professional Education (ECPE), hosted an outreach table, and was also represented in research presentations.

Albert Rielly, MD, MPH '12, and HSPH OEMR Alumnus chaired the Clinical Research Track presentations on Friday after-

noon. Justin Yang, MD, MPH '12, OEM Clinical Research Fellow, presented "Sudden Cardiac Death in Young Firefighters." Maria Korre, MSc, HSPH Doctoral Student, presented "Police Officers' Perception of Stress Levels across Different Law Enforcement Duties and Relation to Self-Reported Stress-Related Illnesses." Finally, on behalf of Andrea Farioli, MD, HSPH Visiting Scientist, Justin presented "Mediterranean Diet Adherence Scores and Cardiovascular Risk in Career Firefighters." Excellent work!

Thank you, NECOEM, for a great conference!



Dr. Justin Yang; Maria Korre, MSc; Dr. Khaled Altassan, Visiting Resident; and Dr. Josée Pilon, MD, MPH '13, at NECOEM 2013 (L-R).

Donor Recognition

Thank You to our Generous Supporters!

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Thank you!

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Save The Date: Mediterranean Diet and Workplace Health Boston, MA * September 27 and 28, 2014

Following sold-out conferences in 2010 (“Leadership for Productivity and Health Management: Issues, Innovations, and Solutions”) and 2012 (“Sleep and Shift Work: Optimizing Productivity and Health Management in the 24/7 Global Economy”), the HSPH OEMR Initiative for Productivity and Health Management (IPHM) is pleased to announce its third conference, “Mediterranean Diet and Workplace Health.”

Course directors Stefanos N. Kales, MD, MPH, FACP, FACOEM, Associate Professor and Occupational and Environmental Medicine Residency Director, Harvard School of Public Health, and award-winning Chef Michael Psilakis, Executive Chef and Owner of Kefi, FISHTAG, and MP Tavernas, have assembled a highly experienced team of world-renowned scientists, chefs and other thought leaders. Together they will present the tradition and flavors of the Mediterranean diet; the science behind it; and various strategies and ideas necessary for you to introduce and implement it in your workplace or school.

The IPHM is also thrilled to announce that FAGE USA Dairy Industry, Inc. has generously agreed to become the exclusive food industry sponsor of this educational program with an unrestricted educational grant of \$50,000 toward this IPHM endeavor. Visit them at <http://usa.fage.eu/>.

Please save the date and look for more information coming soon! You can also contact Madeleine at mstraube@hsph.harvard.edu with any questions. We look forward to seeing you there!



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Best Wishes in 2014!



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