

OEMR SYNAPSE

2015 Annual Report

2016, 8th Ed. Editors: Deborah Barbeau, MD, PhD, MSPH & Tiffany Sarkissian

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Powerful Ideas for a healthier world

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

Welcome to the eighth edition of the Harvard T.H. Chan School of Public Health (HSPH) Occupational and Environmental Medicine Residency (OEMR) Annual Report, the OEMR Synapse. We celebrate and acknowledge our current residents, the 2015 graduates, distinguished alumni, as well as program achievements and last year's highlights. Just as important, we thank our friends and benefactors for their generous support.

If you are a competitive student, resident or mid-career physician, we hope reading this publication will ignite your interest in the dynamic field of OEM and its many opportunities. If you are an alumnus, we aim to keep you connected to our program and engage your continued support – moral, teaching, networking and financial. 2015 was once again a successful year for the Harvard OEMR. We have three more graduates, including our second Complementary Pathway alumnus. Our recent graduates continue to excel, particularly on their ABPM OM Board scores. We have maintained a strong census of residents and fellows with excellent credentials, and we have recruited another superb class of incoming recruits for the summer of 2016. Additionally, the ACGME, which now reviews all programs annually, has just recognized our program with continued accreditation and has commended us for our performance on accreditation measures.

2015 was also another year for notable achievements and highlights from our alumni across the decades. John Howard (MPH '82), Director of NIOSH, gave us a

superb presentation and took additional time to meet with students and trainees. Royce Moser (MPH '65, HSPH Aerospace '65), a legend in aerospace and occupational medicine, received the Alumni Award of Merit, our School's highest honor for alumni. Philip Parks (OEMR '08) served as the President of NECOEM and was recently named the Medical Director for Gillette, in Boston, by Proctor and Gamble. At NECOEM's annual conference, Glenn Pransky (MOcc'87, OEM '88), our Residency Advisory Committee Chair, delivered the keynote Harriet Hardy Lecture and received, from Dr. Parks, the distinguished Harriet Hardy Award. All these and additional alumni spotlights are covered in depth within this edition of the Synapse.

At ACOEM's AOHC in Baltimore, the Harvard OEMR received another resident research award. Jeff Vogel and his father Dr. Jim Vogel were gracious hosts of our annual reunion, with spectacular views of the harbor and Baltimore City. We also celebrated Jim Tacci's (OEMR '97) service in 2015 as ACOEM's President-Elect. Please mark your calendars to join us in April at AOHC in Chicago, for ACOEM's 100th annual meeting, our 2016 reunion dinner, and to congratulate Jim when he is sworn in as ACOEM's President.

In summarizing the state of the OEMR, I would be remiss not to mention finances. Let me start with positive developments. The Nyla Medlock Fund, established in 2014, by an initial anonymous gift of \$250,000 has now grown to over \$300,000 with the help of

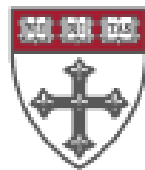
Nyla and a few other dedicated supporters. In addition, in 2015, Nyla committed to make a substantial new estate gift to the Harvard OEMR. When you see Nyla, please join me in showing our deep gratitude for her support.

Now the challenges, given our large census, our financial needs exceed those of our NIOSH budget. NIOSH funding also remains under constant threat every year a new federal budget is considered. We remain far from our goal of 100% alumni contributions. We need all of your support on a consistent basis. When you reflect on how the Harvard OEMR has benefited your career, please consider how you can help make similar opportunities possible for current and future residents. Finally, a huge thanks to those who have contributed.

In closing, let me extend my wishes for health and success in 2016 to you and your families. We look forward to seeing you soon in Chicago for AOHC, or whenever the opportunity presents at HSPH, NECOEM, or elsewhere.

Best regards, Stefanos





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Current Residents: First Year



Neil Jenkins, MD, MPH, PhD (OEMR '17) grew up on a farm near the strip mines of Ohio coal country. He has long been interested in the impact of the built environment on human health. He received his undergraduate and doctorate degrees in materials science and engineering at MIT. In graduate school he analyzed welding fumes made up of ultrafine particles that can contain hexavalent chromium, nickel or manganese. His first experience at HSPH was to collect fume particles for Dr Joseph Brain's group by welding in the basement of SPH1. He subsequently re-

ceived his medical and MPH degrees at The Ohio State University. He then completed his internship at the University of Vermont. Since graduate school he has worked as a consultant on cases that include respirable particles, crush injuries, falls, fires and explosions. He finds forensic investigation intellectually challenging and suited to his multi-disciplinary background. He likes farming, making ice cream, driving his VW GTI and rock climbing.



Shane Journey, PhD, MD (MPH '15) In July 2015 Shane returned to Toronto to finish his Physiatry Training program. He is originally from Nova Scotia, Canada and obtained his MD from Dalhousie Medical School, where he was able to complete an away OEM rotation in his final year at HSPH/CHA. Prior to medical school, Shane received a Bachelor's of Science as well as a Master's degree from the University of Ottawa, where he investigated the effects exercise and heat stress on cardiovascular physiology. He subsequently completed a PhD in Toxicology with a focus on nanotechnology at the University of Saskatchewan. He has represented Canada at the International

Space University in Strasbourg, France, where he received a Diploma in Space Studies. Shane was also chosen by the Canadian Space Agency to complete a month long rotation in aerospace medicine at the NASA Johnson Space Center. He has over 30 peer reviewed publications and serves on the editorial board of the Journal of Occupational Medicine and Toxicology. Together with his current OEM training, Shane is concurrently in the 4th year of Physical Medicine and Rehabilitation residency at the University of Toronto. In July of 2016, he plans to return to HSPH to complete the second year of our program.



Liz Kwo, MD, MBA, (OEMR '17) received her M.D. from Harvard Medical School and M.B.A. from Harvard Business School, a B.A. from Stanford University and completed a Fulbright Scholarship in Taiwan researching the health and wellness of elderly populations. Liz completed her medical internship at CHA/Harvard Medical School. She formerly worked for Medtronic in Europe and the US, specializing in medical device product development, marketing, operations and remote monitoring for the ENT and Diabetes Business Unit. She was the VP of Provider Networks at Ameri-

can Well, a telemedicine company that offers online physician visits to employers and insurance companies to improve access to care and health monitoring. She has experience co-founding and selling her company New Pathway Education and Technology Group to the private equity firm CVC. She advises several start-ups and venture capital firms in strategy and growth. Her hope is to help businesses effectively align incentives to improve employee productivity and wellness through technology and innovation.

Second Year Residents



Samuel D. Turner, MD, UMO, (MPH '15, OEMR '16) is a US Navy Scholar from the Blue Ridge Mountains of Southwest Virginia. He is a graduate of the University of Virginia and the Medical College of Virginia. He was commissioned an Ensign through UVA's NROTC program and attended MCV on the Navy's Health Professions Scholarship Program. After graduating from medical school, he completed a general surgery internship at the National Naval Medical Center in Bethesda, MD. He was then assigned to the Marines where he spent two years as a Medical Officer with an infantry battalion, and deployed to both Iraq and Afghanistan.

Afterwards he attended the Navy's Undersea Medical Officer Course and earned the qualification of Undersea and Diving Medical

Officer. He was subsequently assigned as an Undersea and Diving Medical Officer with the Marines and was one of the first Medical Officers with the newly formed Marine Corps Special Operations Command. He served with the 2nd Marine Logistics Group and returned to Afghanistan as the Group's Senior Medical Officer. Even after a year, Sam, his wife and their four children are still adjusting to the New England climate (and traffic). His next assignment will be in Japan which he hopes will be a little warmer.



Jeffrey E. Vogel, MD (MPH '16, OEMR '16) is a second year OEM resident, originally from Baltimore, Maryland. Jeff attended Lafayette College and obtained a Bachelors of Science in Biology. During this time, Jeff spent his summer and winter vacations working at the Center for Vaccine Development (CVD), conducting research focused on the stabilization of plasmid-based vaccine delivery utilizing Salmonella Typhi live vectors. Jeff continued his training at the Emory University School of Medicine, graduating in 2011. Jeff successfully completed a General Surgery Internship at Vanderbilt University. He then completed two years of Plastic and Reconstructive Surgery at Loma Linda

University in Southern California. Based on Jeff's keen interest in lifestyle and workplace health promotion, as well as entrepreneurial endeavors, he decided to change career course and enter OEM training. Jeff is the co-founder and CEO of RecoverMe, a venture-backed platform focused on improving return-to-work times in injured employees. In the 2015-16 academic year, Jeff is the inaugural Nyla Medlock Fellow in OEM. Jeff was recently selected as the recipient of the 2016 AOHC OPSF Resident Scholarship. Outside of medicine, Jeff enjoys traveling, cooking, and exercise. He is an avid downhill skier and scuba diver.

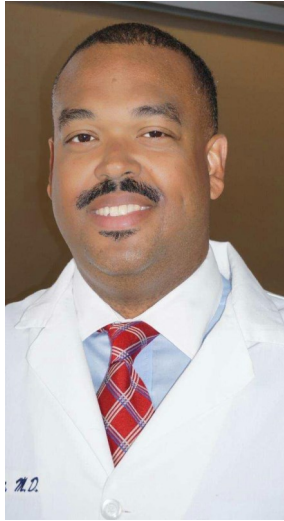


Special International Fellow

Patthrarawalai Phichalai, MD, MPH (MPH '14, Special OEM Fellow '16) is from Thailand. Patthrarawalai is an instructor in occupational medicine at King Chulalongkorn Memorial Hospital, the teaching hospital of Chulalongkorn University Medical School and one of the largest hospitals in Thailand. After earning her MD from Chulalongkorn University, she completed her internship in rural areas of Chanthaburi, one of Thailand's largest industrial provinces. Observing that access to occupational healthcare among underprivileged workers is extremely limited and under-regulated, she decided to pursue the field of occupational medicine to raise the standard of occupa-

tional safety. She subsequently served as a staff physician in the Department of Preventive and Social Medicine, Chulalongkorn University Medical School and earned a Master of Public Health degree in Occupational and Environmental Health from Harvard University in 2014.

Second Year Residents Cont.



John D. Clarke, MD, FAAFP, (OEMR '18) is a board certified Family Physician. He received his BA in sociology and music from Columbia University and is a graduate of the Mount Sinai School of Medicine in NY. He completed his residency in Family Medicine at St. Vincent's Catholic Medical Centers in NY where he served as Chief Resident. John then served as the Medical Director and Medical Review officer for the Long Island Rail Road in NY. Currently he is the Administrative Medical Director and a Medical Review Officer for Consolidated Edison Company of New York. In addition he practiced general family medicine in Manhattan, Queens, and the Bronx. John has a pas-

sion for writing and producing rap songs and videos and has fused medical information rap and created a genre that he calls Health Hop®. Over the years he has recorded dozens of songs and several public service announcements. With his strong OM work experience, John has joined the Complementary Pathway, half-time for two years. He also enjoys opportunities to educate as a public speaker and has presented on a variety of medical and safety topics at national and international medical conferences, Grand Rounds, community, school, and church events, and has been interviewed on national and international television and radio programs.



Deborah Barbeau, MD, PhD, MSPH, (OEMR '15) is a second year OEMR Resident and Chief Resident for 2015-2016. Originally from Wellesley, MA, she received her MD from Columbia University College of Physicians and Surgeons and completed Internal Medicine training at the Columbia Presbyterian. She then completed a combined Infectious Diseases/Epidemiology Fellowship at Emory University and the CDC in Atlanta, GA. She is Board Certified in Internal Medicine and Infectious Diseases. Her research interests including Travelers' Health, water quality and

sanitation prompted her to pursue a Master's of Science in Public Health and subsequently a PhD in Environmental Health from Tulane University School of Public Health and Tropical Medicine, focusing on the health effects of recognized and emerging pollutants. She hopes to pursue clinical and research activities that allow her to combine her medical and public health interests, focusing on the interactions between the environment, infectious diseases, and human health. Deb currently lives in Dedham, MA with her husband, JB, and their two sons, Harry Rex and William ("Will").



Kevin Loh, DO, FS (MPH '15, OEMR '16) is a second year OEM resident and US Air Force Scholar. Kevin is originally from Taiwan and immigrated to the U.S. during high school. After completing his Bachelors of Science in Chemical Engineering degree at California State Polytechnic University, he worked as a Bioenvironmental Engineer in the U.S. Air Force, giving him a strong foundation in industrial hygiene. He subsequently completed medical school at the Western University of Health Sciences. After finishing his internship at Keesler Medical Center, Mississippi,

he served as a U.S. Air Force Flight Surgeon. His experiences have included: being the main medical liaison officer between the U.S. Air Force and a Singaporean flight squadron stationed at Mountain Home AFB, Idaho; deployment to a Contingency Aeromedical Staging Facility providing care to wounded soldiers returning home; and working as a medical consultant on a B-1 Lancer Crash Accident Investigation Board. Kevin resides in Melrose, MA, with his wife and daughter, enjoying the Boston area.

Second Year Residents Cont.



Erin Teeple, MD (HSPH MPH '14, OEMR '16) graduated with honors from Brown University and received her MD from Brown Medical School. Erin's 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 OEM training over three years 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. This program allows Erin to fully pursue her cross-disciplinary research interests. Erin has published in the areas of cartilage mechanics and osteoarthritis pathophysiology, and she is particularly interested in maximizing functional outcomes in osteoarthritis treatment.

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.

2015 Graduates



Laurent Benedetti, MD, MPH (OEMR '15) is originally from southern France. 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 a General Preventive Medicine Residency and MPH at the University of Massachusetts, as well as Occupational and Environmental Medicine Residency at the Harvard School of Public Health. Laurent served as Chief Resident in 2014-2015.

His interest in global health and policy prompted his work with the WHO in Geneva and global surgery and public health in Mongolia.

Currently, Laurent serves as co-medical director at Beth Israel Medical Deaconess Hospital. He has strong interests in innovative mobile platform technology and its application in healthcare. Laurent is Board Certified in General Preventive Medicine and Occupational Medicine.



Mason Harrell, III, MD, FS (HSPH MPH '14, OEMR '15) is a US Navy Scholar who hails from Southern California and is 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 military 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 the 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. During residency, Mason received the Resident Research Award at the annual ACOEM conference and his research was published in the January 2016 edition of the Journal of Occupational and Environmental Medicine. He is now serving as the Group Surgeon of Marine Air Control Group-28 at Cherry Point North Carolina. He continues working with the World Health Organization researching how health care workers are infected with the Ebola virus. Mason is Board Certified in Occupational Medicine. He and his wife, Rossella, are now enjoying the new addition to their family, Celine!

Graduates Cont.



Soni Mathew MD, MBA, FAFP (OEMR '15) is a board certified Family Medicine physician, who grew up in the Bronx, NY. He graduated from medical school in South India, and completed Family Medicine Residency at Bronx Lebanon Hospital Center in NY, where he was also elected as chief resident. After graduation, Soni served as the Medical Director of Employee Health Service for at Bronx Lebanon Hospital Center, which consists of more than 5,000 employees. This strong practical experience in occupational medicine prepared him to apply to our Complementary Pathway at HSPH. Soni is now our second trainee to have undertaken this special pathway approved by the American Board of Preventive Medicine to be eligible for the Occupa-

tional Medicine board exam. He has completed this program on a full-time basis and graduated in July 2015. Prior to coming to HSPH, Soni achieved a Master's in Business Administration from the University of Tennessee. His hobbies include performance cars and "do it yourself" handyman projects. Soni is currently at our Occupational and Environmental Medicine clinic, offering his expertise to the Cambridge Health Alliance network in addition to 800 client companies and supports training our future OEM physicians. Soni's motto in life is "work smarter, not harder."

Spotlights: Dr. David Christiani/ Dr. Rose Goldman



Dr. David Christiani has continued the landmark 35 year long prospective cohort study of respiratory disease in Shanghai cotton textile workers, and the results have had high impact in improving our understanding of airborne exposure to gram negative bacterial endotoxin and chronic lung disease. At year 30, he added CT imaging to clarify the airway and parenchymal changes in exposed and unexposed workers. On other international fronts, Dr. Christiani has continued research on the health effects of arsenic exposure in adults and children in Bangladesh. In January of 2015, he taught *Introduction to Occupational Medicine* at Teikyo University in Japan. And, at home, on the cardiac responses to metal fume exposure among welders. He continues to serve on the National Cancer Advisory Board, a position for which he was nomi-

nated by President Obama in 2012.



Dr. Rose Goldman traveled to South Korea in April 2015 to deliver talks on fish, mercury and radon. Dr. Goldman's Keynote address for the Korean Academy of Family Medicine, in Daejun, S. Korea, was entitled, *Environmental and Occupational Health Issues to Primary Care*. She delivered an additional talk entitled, *Mercury: Should We Stop Eating Fish?* as well as an *Update on Mercury and Fish: Exposure to Radon*, at the Korea University College of Medicine, Moon Suk Medical Center in Seoul, S. Korea. Dr. Goldman then visited Hangzhou, China to work with aspiring faculty and scholars, hosted by the Zhejiang University School of Medicine. Her talk was entitled, *Environmental Health: An Introduction to Methodology, Research and Policy*. She also led an interactive workshop, *Key Strategies and Techniques for Effective Teaching*, with young faculty, Westlake Youth Forum, sponsored by the China Medical Board and hosted by Zhejiang University School of Medicine in Hangzhou, China. On the home front, Dr. Goldman became one of four site directors for Harvard Medical School's Inaugural Practice of Medicine Course, in which first year medical students spend one full day each week learning and practicing the fundamentals of interviewing and physical diagnosis with patients and faculty.

Alumni Spotlight: John Howard, MD, Director, NIOSH



John Howard, MD, is the Director of the National Institute for Occupational Safety and Health and the Administrator of the World Trade Center Health Program in the U.S. Depart-

ment of Health and Human Services. Dr. Howard was first appointed NIOSH Director in 2002 during the George W. Bush Administration and served in that position until 2008. In 2009, Dr. Howard worked as a consultant with the US—Afghanistan Health Initiative. In September of 2009, Dr. Howard was again appointed NIOSH Director in the Barack Obama Administration. Prior to his appointments as NIOSH Director, Dr. Howard served as Chief of the Division of Occupational Safety and Health in the State of California's Labor and Workforce Development Agency from 1991 through 2002.

Dr. Howard earned a Doctor of Medicine from Loyola Universi-

ty of Chicago; a Master of Public Health from the Harvard University School of Public Health; a Doctor of Law from the University of California at Los Angeles; a Master of Law in Administrative Law and Economic Regulation and a Master of Business Administration in Healthcare Management, both from The George Washington University in Washington, D.C.

Dr. Howard is board-certified in internal medicine and occupational medicine. He is admitted to the practice of medicine and law in the State of California and in the District of Columbia, and he is a member U.S. Supreme Court bar. He has written numerous articles on occupational health law and policy.



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Alumni Spotlight: Gerardo Durand, MD, MPH, CIME



ucts. Gerardo's responsibilities include the deployment and program performance evaluation of the medical elements within 3M's Global Health and Safety Standard for the U.S. based abrasive plants and the company locations in Latin America and Canada. Given 3M's Medical Department is part of the R&D organization; Gerardo is also involved in product stewardship activities and risk communication needs.

Gerardo Durand, MD, MPH, He was recently appointed as the (OEMR '10) is one of the three Corporate Occupational Medicine Physicians reporting to the Global Medical Director at 3M Company. Currently, 3M has a global workforce of more than 65,000 employees and makes around 55,000 different prod-

ucts. Gerardo's responsibilities include the deployment and program performance evaluation of the medical elements within 3M's Global Health and Safety Standard for the U.S. based abrasive plants and the company locations in Latin America and Canada. Given 3M's Medical Department is part of the R&D organization; Gerardo is also involved in product stewardship activities and risk communication needs. He was recently appointed as the manager of 3M's largest clinical services (St. Paul, MN and Austin, TX). Gerardo received his Medical Degree from Cayetano Heredia Peruvian University. He became passionate with Occupational Medicine right after finishing Medical School while

working as a company doctor in Peru's largest brewery factory. He completed his Internal Medicine Residency at Metro West Medical Center in Framingham, MA, and his residency in Occupational and Environmental Medicine at Harvard School of Public Health, where he also received his MPH. He is board certified in internal medicine and in occupational medicine, and is also certified as an independent medical examiner and medical review officer. Gerardo and his wife Lida live in Woodbury, MN with their two daughters, Adriana (5) and Paula (3). They enjoy all kind of outdoor activities and they are currently waiting for some snow to fully embrace the Minnesotan winter.

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Resident Research Awards and Presentations

Mason Harrell, MD, MPH OEMR '15 received a Resident Research Presentation Award from the American College of Occupational and Environmental Medicine (ACOEM) at AOHC in Baltimore, Maryland, for research titled, *Lag times in reporting injuries, receiving medical care, and missing work: associations with length of work disability in occupational back injuries.*

In addition to winning the award, Mason's paper was recently published in JOEM.



Photo (right) Mason and Dr. Kales at AOHC in Baltimore, Maryland.

ABPM Board Exam Successes

We are pleased to report successful American Board of Preventive Medicine exam results

for OEMR 2015 graduates. Laurent Benedetti, MD, MPH and Mason Harrell, MD, MPH, both passed the ABPM exam for certification in Occupational Medicine. Once again, HSPH

scores on average exceeded the national means for OM-residency trained examinees.

Congratulations to Laurent and Mason!



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place safety, and high quality practice; guiding public policy; and promoting the specialty of Occupational and Environmental Medicine.

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Resident and Recent Alumni Publications 2015

- Grosso G, Marventano S, **Yang J**, Micek A, Pajak A, Scalfi L, Galvano F, Sales SN. A Comprehensive Meta-analysis on Evidence of Mediterranean Diet and Cardiovascular Disease: Are Individual Components Equal? *Crit Rev Food Sci Nutr*. 2015 Nov 3:0
- Yang J**, Farioli A, Korre M, Kales SN. Dietary Preferences and Nutritional Information Needs Among Career Firefighters in the United States. *Glob Adv Health Med*. 2015 Jul;4(4): 16-23. doi: 10.7453/gahmj.2015.050.
- Grosso G, **Yang J**, Marventano S, Micek A, Galvano F, Kales SN. Nut consumption on all-cause, cardiovascular, and cancer mortality risk: a systematic review and meta analysis of epidemiologic studies. *A. J Clin Ntr*. 2015 Apr;101(4): 783-93. doi: 10.3945/ajcn.114.099515. Epub 2015 Feb 4. Review.
- Besen E, **Harrell M 3rd**, Pransky G. Lag Times in Reporting Injuries, Receiving Medical Care, and Missing Work: Associations With the Length of Work Disability in Occupational Back Injuries. *J Occup Environ Med*. 2016 Jan;58(1):53-60. doi: 10.1097/JOM.0000000000000591.

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(see page 17 for details)

Alumni Spotlight: Michael Lappi, DO, PhD, MPH, FACOEM



Michael D. Lappi, DO, PhD, MPH, FACOEM (HSPH OEMR '06), is the Global Medical Director for General Electric Aviation. As a key business within the larger General Electric portfolio of over 350,000 employees in 175 countries, Michael is directly responsible for the oversight of all GE Aviation med-

ical programs for approximately 45,000 employees at 88 sites around the globe that collectively generated over \$24 billion in revenue in 2014.

In addition to his work at GE Aviation, Michael is also a Medical Officer in the United States Navy and has served in several senior leadership positions during his 17 years of active and reserve duty, including tours as the Joint Special Operations Task Force Surgeon, Afghanistan, and the Naval Special Warfare Task Unit Surgeon, Horn of Africa. He currently serves as the Reserve Specialty Leader for Undersea Medicine and was recently promoted to the rank of Captain. Michael has received degrees from the University of Miami (BS), The Ohio State University (MS, PhD), Ohio University (DO), and the Harvard

School of Public Health (MPH), as well as a diploma from the United States Naval War College (Command and Staff Program). He is Board Certified in Occupational and Environmental Medicine, and is a Fellow of the American College of Occupational and Environmental Medicine. Michael holds appointments as a Clinical Instructor of Medicine at Harvard Medical School, Instructor in the Department of Global Health and Population at the Harvard TH Chan School of Public Health, and as an Adjunct Professor in the College of Operational and Strategic Leadership at the United States Naval War College. Michael also serves as the Director of Field Operations for the Harvard Humanitarian Initiative, and on the Board of the Lone Survivor Foundation.

Dr. Royce Moser, Jr., MD, MPH, Receives Alumni Award of Merit

On October 3, 2015, during the annual alumni weekend, Dr. Royce Moser was honored with the Alumni Award of Merit. This recognition is the highest distinction our School awards to any alumnus. In a distinguished career spanning nearly five decades, Royce Moser has served his country, academia, and humanity, and brought honor to this institution.



Dr. Moser began his work as a physician in 1962, arriving at a unit in the Strategic Air Command just as the world stood at the brink of nuclear war, and then attended the Harvard School of Public Health as part of his residency training in the field of aerospace medicine. The years that followed saw him move from the nerve center of the Cold War, to action in Vietnam, where he flew in many combat missions as a flight surgeon. From there, he went to the US Air Force School of Aerospace Medicine (USAFSAM) where he served for several years. After a two-year tour as commander of the hospital at Tyndall Air Force Base, he returned to USAFSAM, and rose to be its commander.

Following his twenty-three years with the Air Force, Dr. Moser embarked on a second career in academia at the Uni-

versity of Utah School of Medicine, where he distinguished himself as an outstanding leader and educator. Now focusing his work in occupational medicine, he attained the rank of full professor, and served as Director of the Rocky Mountain Center for Occupational and Environmental Health. During those years, he obtained research grants, developed and directed half a dozen new graduate courses, published a score of peer-reviewed papers, gave dozens of presentations, authored one textbook, wrote a chapter for another, and directed three residency programs. He spent two years as the Vice President for Medical Affairs at the American College of Occupational Medicine, the first physician on staff there, and was the President of the Aerospace Medical Association.

A graduate of Harvard College, Harvard Medical School, and the School of Public Health, Dr. Moser's life of service and achievement are a great reflection on the University. He has served tirelessly on both the Alumni Council and Alumni Association, including as Chair of the Council, and President of the Association, working for nearly a decade to bring together alumni for the betterment of the School and its mission of building a stronger field of public health. He lent his years of senior organizational experience, sharp mind and strong leadership skills to lay the foundation for a highly engaged alumni council, passing on the best practices of organizational strengthening and outcomes-based communications by restructuring the alumni council and its work, and giving a voice to all members. Dr. Moser, congratulations and thank you for your service!



PHOTO CAPTIONS: Dr. Moser ready for flight, as a flight surgeon in the USAF (left), taken by his wife; and boarding a jet (above). Dr. Kales and Dr. Moser (below), at the award ceremony on October 3, 2015.



Dr. Glenn Pransky Receives the 2015 Harriet Hardy Award



Dr. Pransky has directed the Center for Disability Research at the Liberty Mutual Research Institute for Safety since 1999. His research group conducts scientific investigations on disability prevention strategies, enhancing recovery in musculoskeletal disorders, work disability in older workers, and methods to achieve safe and sustained return to work. He is an associate professor in the Department of Family Medicine and Community Health at the University of Massachusetts Medical School and a Visiting Lecturer at the Harvard School of Public Health and the University of Massachusetts/Lowell. Prior to joining Liberty Mutual, he directed the Occupational and Environmental Health Program at the University of Massachusetts, overseeing research activities and training in occupational health. In 1995, he was a Visiting Scholar at the Agency for Health Care Policy and Research, Washington, DC, focusing on health services research. He has produced more than 120 peer-reviewed scientific publications and

book chapters, and frequently presents at international scientific conferences.

On December 3, 2015, the New England College of Occupational and Environmental Medicine (NECOEM) awarded Dr. Glenn Pransky with the distinguished Harriet Hardy award at its 2015 Annual Conference in Newton. NECOEM presents this award annually to an individual who has made outstanding contributions to the field.

Dr. Pransky received his M.D. from Tufts School of Medicine, and a MS in occupational health from the Harvard School of Public Health, and is board-certified in occupational medicine and internal medicine. He is an active member of the American College of Occupational and Environmental Medicine, the National Academy of Social Insurance, and is past Chairman of the Work Disability Prevention Scientific Committee of the International Commission on Occupational Health. He received the NIOSH Innovative Research Award in 2008, the American College of Occupational Medicine's Keogh Award for Academic Excellence in 2009, and Royal Society of Medicine's Osler Medal in 2011, and the ACOEM Health Excellence Award in 2015. He is a senior editor for the *Journal of Occupational Rehabilitation*.

Dr. Pransky is passionate about advancing the science and practice of preventing work disability, and sees great potential for improvement in the US and internationally. For more than 25 years, he has focused his research, teaching, organizational development and mentorship activities towards this goal. He's very honored to receive the Harriet Hardy Award, with the opportunity to share his insights and to hear new ideas about disability prevention from Annual Conference attendees.

Photo (left): Philip Parks, MD, MPH, FACOEM, President of NECOEM presents Glenn Pransky, MD, MOccH, FACOEM the prestigious 2015 Harriet Hardy Award at the New England College of Occupational and Environmental Medicine annual conference, "for a physician who exemplifies the highest ideals of occupational and environmental medicine practice." Photo credit: Kathryn Costello

Editor's Note: Dr. Pransky is the Chair of the OEMR's Residency Advisory Committee.



NEW SYSTOC SOFTWARE AT CHA



Next time you visit the Cambridge Health Alliance Occupational Health Clinic, at Assembly Square, you'll notice some changes. Cambridge Health Alliance (CHA) recently implemented the Systoc software system, designed to give clinics and health care centers real-time access to vital patient information, capturing both the patient's employer and personal information. "In an effort to continually improve and advance in operations at CHA, we chose Systoc to create a more dynamic and effective system at CHA. As an occupational clinic, ours required a shift from the traditional hospital system. We are thrilled with the results," said Matt Rabesa, Business and Operations Manager at CHA. Led by Matt, CHA went live in September 2015, and CHA has already observed tangible benefits from this transition, which will help manage its expanding clientele, now around 800 external companies.

The screenshot shows a patient visit note interface. At the top left is the CHA logo (Cambridge Health Alliance Occupational Health) and contact information: 5 Middlesex Ave. Somerville, MA 02145, Phone: 617-591-4660. At the top right is the Harvard Medical School Teaching Hospital logo. The patient's name is John Somerville, DOB: 1/10/1961, and the visit date is 1/12/2016. The provider is Stefanos N. Kales, MD, MPH. The demographics section states: John Somerville is a 55 year-old Male, and employee of Cambridge Health Alliance. The chief complaint is Low back pain. The history of present illness notes: located in the lower back. His pain level, out of 10, is 6. His pain level at rest, out of 10, is 3.

Photo (above left):
Matthew Rabesa,
Cambridge Health
Alliance Business and
Operations Manager.

Photo (left) Patient
visit note in Cam-
bridge Health Alli-
ance's new SYSTOC
software system.

HSPH Alumni Gather at Aerospace Medical Association Meeting



A tradition for nearly a decade, approximately 50 HSPH alumni and friends gathered in Orlando, Florida, at the annual Aerospace Medical Association Scientific Meeting. They included OEH, MPH and OEMR alumni. Aerospace medicine, a sub-specialty of preventative medicine, much like occupational and environmental medicine, requires an MPH, to sit for the sub-specialty board exam. Aviation medicine focuses on the physical and psychological conditions associated with flying and space travel, recognized by the American Medical Association in 1953. We applaud and honor our AMA HSPH graduates!

Outstanding Clinical & Academic Teaching Awards



Each year, OEMR residents elect one clinical preceptor from their clinical rotations and one faculty instructor from their Masters in Public Health courses, who have had an especially meaningful impact on their training and education to receive awards of recognition. We are delighted to announce that **Albert Rielly, MD MPH**, received the 2015 award of Outstanding Clinical Faculty and **Eileen McNeely, RN, MS, PhD** received the 2015 award of Outstanding Academic Faculty. On behalf of the OEMR program, we would like to

thank you both for your time, dedication and outstanding mentoring. Dr. Rielly (left) is board certified in Internal, Preventive and Occupational and Environmental Medicine and precepts residents at clinic sites at Cambridge Health Alliance and Massachusetts General Hospital. He is also a Visiting Scientist at HSPH. Dr. McNeely (right) conducts research and teaches in the Environmental Occupational Medicine and Epidemiology Program. She has worked as a consultant, researcher, clinician, and educator in the field for over twenty years. She is Co-Director of SHINE at the Center for Health and the Global Environment; she co-leads the initiative for the sustainability of health and human capital in the workplace.

UCSF CVD Conference Held in March 2015



March 12-14, 2015 marked the UCSF annual occupational and environmental medicine event, this year chaired by Paul Blanc, MD, MSPH and Robert Kosnik, MD, DIH. The course was entitled *Cardiovascular Health and Disease: Occupational and Environmental Factors and Updates in Occupational and Environmental Medicine*. The course was designed to provide occupational and environmental health professionals a review and update of current data in occupational and environmental medicine. Stefanos served as one of the guest speakers and as a faculty moderator for the poster session. Photo above: Dr. Stefanos Kales; Dr. Robert Harrison; and Dr. Paul Blanc.

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Thank you!

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NECOEM Poster Session



From left: Konstantina Sampani, MD, Post-doctoral Research Fellow, HSPH; Poster title: Dietary Habits and Preferences of United States Volunteer Firefighters; Ann Backus, Instructor in Occupational Safety; Director of Outreach; Coordinator, Occupational and Environmental Medicine; Maria Korre, MS, Postdoctoral Research Fellow; Poster title: A Review of Heart Size and Mass Ranges by cardiac MRI, ECHO, and Autopsies in Normal and Diseased Hearts; Luiz Porto, Visiting Scientist, HSPH; Poster title: Firefighter's Basal On-duty Cardiac Autonomic Function and Its Association with Cardiorespiratory Fitness.

Reunion Dinner at AOHC 2015: See you in Chicago in 2016!

Please join us at the American College of Occupational and Environmental Medicine's AOHC 2016 for an Alumni Reunion as we welcome current and former HSPH OEM residents in Chicago, IL. The dinner will take place on Monday, April 11, 2016, 8:00pm at Athena Restaurant. If you are an OEMR alumnus, please RSVP to Tiffany Sarkissian, tsarkiss@hsp.harvard.edu.

We are looking forward to this year's conference and reunion!
We hope to see you there!



Reunion Dinner at AOHC 2015

From left: Nyla Medlock; Dr. Stefanos Kales, Dr. James Vogel; Dr. Jeff Vogel (MPH '16, OEMR '16) and Dr. Marcelo C. Targino

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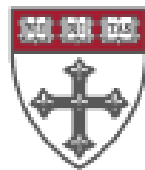
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Best wishes to the OEM Residents and
Graduates at Harvard School of Public Health

Thomas H. Winters, MD, FACOEM, FACPM
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