

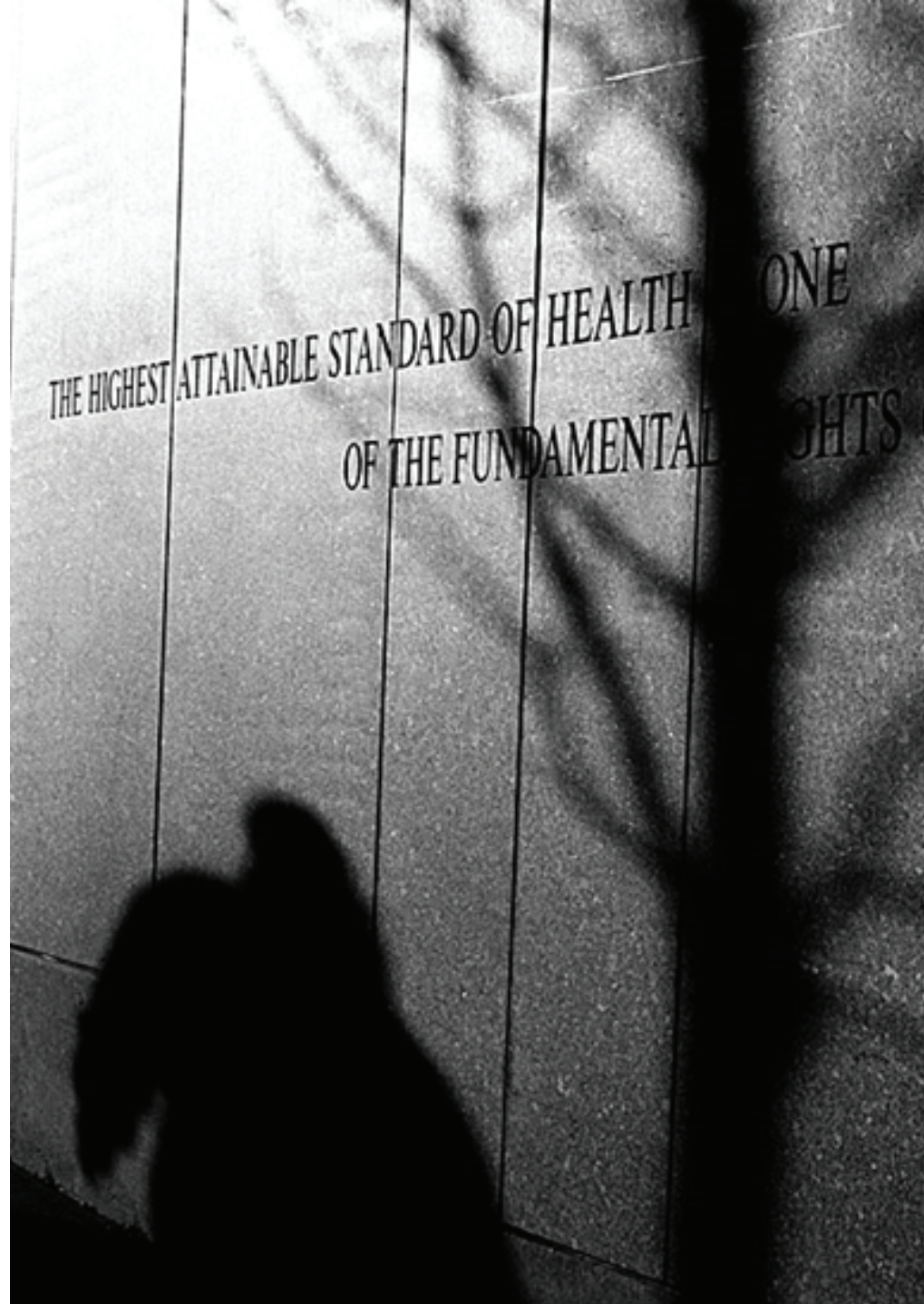
OCCUPATIONAL AND ENVIRONMENTAL MEDICINE RESIDENCY

OEMR SYNAPSE - 2019 ANNUAL REPORT

PROGRAM DIRECTOR: **STEFANOS N. KALES, MD, MPH, FACP, FACOEM**
EDITOR: **CHRISTOPHER SCHEIBLER, MD, MPH**

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PROGRAM DIRECTOR'S WELCOME

Welcome to the 2019 Occupational and Environmental Medicine Residency (OEMR) Annual Report, our 12th edition of the OEMR Synapse. We are pleased to recap our achievements and celebrate our current residents, 2019 graduates, incoming residents and distinguished alumni.

Closing out 2019, the state of our program is incredibly strong. We graduated four outstanding residents, have a current census of nine excellent categorical residents and have accepted a stellar class of six new residents for July 2020: **Drs. Guido Guidotti, Alex Jobrack, Shane Joseph, Samuel Ko, James Medeiros and J. David Sterns.**

Other reasons to celebrate the program include: the continuity of excellence in faculty and resident activity, secure program funding, maintenance of our 100% first-time pass-rate by graduates on the ABPM exam since 2013, and the residents have achieved various awards and other accolades (see page 9).

In 2019, the Hardy Award was bestowed on Dr. Tom Winters who has been a stalwart preceptor, instructor, lecturer and benefactor for our residents and program as one of the principals of the Occupational and Environmental Health Network (OEHN) (see page 10).

Of course, you have noted that the Synapse has been published later than usual due to many significant interruptions in our activities due to the worldwide Coronavirus pandemic. First, let me tell you that all our residents and faculty are well, and we hope the same for all of you and your families. Since early March, the occupational health service at Cambridge Health Alliance (CHA) has been completely reconfigured to provide support of CHA's employees during the pandemic, which has hit Massachusetts hard as with the rest of the Northeast. About 25% of the CHA workforce has contacted our service for telephonic triage of COVID-19-related concerns, and over 15% have been tested with PCR assays. The residents have provided us with invaluable assistance in making clinical assessments, managing testing and results, return to work assessments and COVID-19-related research.

In the meantime, classes, Grand Rounds and seminars have continued virtually and everyone has adapted well to the new realities. Nonetheless, we are all anxious to return to normalcy.

COVID-19 has presented economic threats to the larger university. The program itself remains in good fiscal shape, and we recognize the financial generosity of our donors (see also page 14). Without them, we would not be able to continue to expand and grow our occupational medicine program the way we have recently. In these times of uncertainty, tuition costs and expenses continue to grow rapidly. Please consider supporting our program financially, making it possible for future residents to become a vital and important part of impacting and improving people's lives, through occupational medicine.

In particular, please think about supporting our OM Gift fund. The fund has more flexibility and allows us to support residents' travel/education stipends and events such as graduation and the annual reunion at AOHC.

In closing, if you are a competitive student, resident or mid-career physician, we hope our annual report will inspire you to consider our specialty and the Harvard Chan OM program. To our alumni and friends, we are grateful for all your support to continue this world-renowned program. We again wish everyone the best of health and hope to see you all soon (in person)!

Thank you and all the best in 2020!

Warm Regards,
Stefanos



CURRENT RESIDENTS



Christopher Scheibler, MD, MPH (OEMR '20) is the 2019-2020 Chief Resident. He is a native of San Antonio, TX and a graduate of the Uniformed Services University medical school in Bethesda, MD. Prior to his medical training he attended Baylor University in Waco, TX majoring in Mathematics. Dr. Scheibler is currently a Major in the United States Air Force where he has served as a Flight Surgeon for 8 years. Prior to residency, he performed duties as Executive Officer and Medical Inspector at the Air Force Inspection Agency and as the team physician for the Air Force Thunderbirds. Dr. Scheibler has been involved in research projects evaluating workplace hazards and human

performance in firefighters, providing outreach on synergistic effects of obesity and asthma in vulnerable communities, and identifying occupational hazards in community health workers. He has also authored several articles educating the northeast fishing community on substance abuse, stress and wound care, and has provided recommendations mitigating ergonomic hazards in hospital workers. His interests in the aerospace field have continued with projects investigating cosmic ionizing radiation health effects and DNA damage in aircrew, and research with NASA evaluating medical resource planning for future Orion spacecraft missions. Dr. Scheibler enjoys spending his time outdoors with his wife and two energetic boys, and is an avid trail runner and snowboarder.



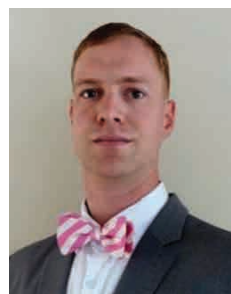
Michael A. Parenteau, MD, JD, MPH (OEMR '20) is a native of California who graduated from Southern Illinois University earning both his MD and JD. He attended University of California, Los Angeles (UCLA) where he majored in Psychobiology and minored in Education Studies. He was previously a Judicial Fellow for the Judicial Council of California focusing on court administration, policy making, program analysis, development, and implementation. He completed an internship in General Surgery at Naval Medical Center San Diego and subsequently served 4 years as an Undersea Medical Officer in the U. S. Navy. Michael graduated with a

Master of Public Health from Harvard in Occupational Health with an added concentration in Interdisciplinary Public Health Leadership. His areas of focus for research have been in medicolegal aspects of sleep and transportation safety, substance abuse in commercial drivers, and protecting workers from infectious diseases in the workplace. Upon graduation, Michael will practice Occupational Medicine at U.S. Naval Hospital Naples, Italy where he will also be in charge of managing public health emergencies. In addition to being a loving husband and proud father, he is also an avid outdoor enthusiast who enjoys running, bicycling, and skiing.

SECOND YEAR RESIDENTS

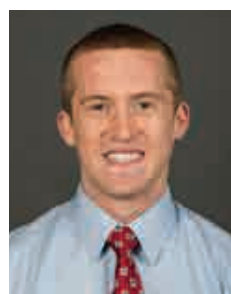


Hussam Kurdi, MD, MPH (OEMR '20) is from Saudi Arabia and graduate of King Abdulaziz University Medical School. He completed an internal medicine residency at Connecticut Institute for Communities/Danbury Hospital and is ABIM-certified in internal medicine. Hussam received "best PGY-3 resident of the year" and "young achievers" awards from the American College of Physicians. While at Harvard, he worked on nanoparticle exposure research. After graduation Hussam will practice as a primary care and occupational medicine physician in an underserved area of Alabama.



Rob Filler, MD, MPH, MBA (OEMR '20) calls Richmond, VA home having attended Virginia Commonwealth University for an undergraduate degree in Biomedical Engineering and Medical School. While in the US Navy he completed a General Surgery internship at Naval Medical Center San Diego and went on to serve as a decorated Flight Surgeon, running medical departments recognized for excellence and deploying to the Middle East and Asia with the Marine Corps during his 6 years of service. Before leaving the Navy he completed an MBA through West Texas A&M University. His research interests involve human performance, cardiovascular risk prediction

and organizational efficiency. He recently completed an elective rotation at the World Health Organization looking at worker vaccination recommendations. He enjoys bike commuting every bit as much as his 5 year old twins in their seats right behind him.



Nathan Jones, MD, MPH (OEMR '20) is from Oneonta, NY and attended Brigham Young University, earning a BS in Molecular Biology cum laude. As an Air Force officer, he earned his MD from State University of New York (SUNY) Upstate Medical University. Nathan completed a Transitional Year internship at Kettering Medical Center followed by acceptance to the OEMR. While at Harvard, Nathan was awarded the Harvard Rose Service Learning Fellowship Award for research on public transit worker health, and served as Teaching Fellow for the Occupational Safety and Ergonomics course. He was also selected by the HarvardX initiative to present a workshop on

occupational health and safety for local businesses. Nathan is active in ACOEM, serving on both the Membership Committee and a Presidential Task Force on the Future OEM Workforce. He is currently engaged in research on implementation of digital mental health programs in occupational settings. Nathan enjoys volunteering with his church's youth group, and spending time with his wife and three children.

CURRENT RESIDENTS



Gabriel Gaviola MD (MPH '20, OEMR '21) is a native of Warren, New Jersey. He attended Georgetown University where he earned a BA in economics and remained to complete a medical degree at Georgetown University School of Medicine and a transitional internship at MedStar Georgetown University Hospital. Having developed an interest in eastern philosophy, he deferred anesthesiology training to travel to the Vedanta Academy in rural India, where he studied for four years and earned a diploma in Vedanta philosophy. While there, he oversaw a medical clinic for rural laborers and their families and developed an interest in preventing workplace injuries and illness. Prior to starting the Occupational & Environmental Medicine Residency, he served as the Associate Medical Director for PWNHealth in New York City. He enjoys running and yoga.



Stephen Kasteler, MD (MPH '20, OEMR '21) grew up in Salt Lake City, UT as the fifth of six children. He graduated from the University of Utah with a dual honors degree (HBS) in biology and minors in chemistry and business. After graduation, he joined Teach For America as a charter corps member, setting up the program and teaching high school for two years in Jacksonville, FL. He then joined the US Air Force and went to medical school at the Uniformed Services University of the Health Sciences. He completed a transitional internship at Travis AFB in northern California. Prior to coming to Harvard, he served for 4-years as a flight surgeon in the famed "Hat in the Ring Gang" of the 94th Fighter Squadron—an F-22 squadron based at Langley AFB, VA. As an active-duty physician, he hopes to improve the occupational health and safety of the men and women who safeguard our country, with an emphasis on aircraft maintainers. Stephen has been happily married to Victoria for 13 years and is the proud father of 3 children—Emily (10), Eleanor (8), and Thomas (6). He enjoys skiing, lacrosse, playing the piano, and spending time with his family.

FIRST YEAR RESIDENTS



Richard R. Abitria, MD (MPH '20, OEMR '21) is a native of San Diego, CA and a graduate of the Uniformed Services University of the Health Sciences medical school in Behesda, MD. He attended the University of California, Los Angeles (UCLA) with an undergraduate degree in Biochemistry. Dr. Abitria is currently a Lieutenant Commander in the United States Navy and he previously served as a Flight Surgeon for 3 years. Prior to beginning his medical career, LCDR Abitria served as a United States Navy Helicopter pilot flying the SH-60B and MH-60R airframes. He completed multiple deployments in the Eastern Pacific Ocean, Caribbean Sea, Gulf of Oman and Persian Gulf. His time as a pilot and as a flight surgeon provide a backdrop for his interest in occupational medicine specifically aerospace physiologic stresses as well as military musculoskeletal workplace injuries. His previous leadership roles include 2015-2016 Naval Medical Center San Diego Intern Class president, 3RD Marine Air Wing Deputy Wing Surgeon, Branch Medical Clinic Miramar Deputy Senior Medical Officer. He enjoys spending time with his wife, Janet, and five children; Reina, Ronin, Rhiannon, Rory and Ryxon, as well as playing/writing music for the guitar, half marathon races and intramural basketball and flag football.



Glen Cheng, MD, JD (MPH '20, OEMR '21) is a native of Ridgewood, New Jersey and is a graduate of Rutgers New Jersey Medical School. As a JD, he has 5 years experience as a patent attorney representing biopharma and medtech companies in patent litigation, in addition to serving as regulatory counsel for the FDA Center for Drug Evaluation & Research where he advised on drug regulations and drafted public responses to FDA petitions on behalf of the Center Director. As a resident, Glen is focused on keeping workers healthy and is currently working part-time as patent counsel at a bioinformatics startup in Cambridge, MA focusing on using clinical informatics to inform medical innovation and therapeutics. Glen is also engaged in research aimed at using clinical informatics to improve treatment of musculoskeletal disorders and on developing worker protection policies for COVID-19.

SPECIAL RECOGNITION AND PROGRAM UPDATES

CHANGING OF THE GUARD

Ann Backus, MS has stepped down as the longtime coordinator of Harvard Occupational and Environmental Medicine Residency and passed the baton to our new coordinator Annie Rodriguez last summer. Ann will continue to serve as the Director of Outreach for our NIOSH ERC. Ann first joined Harvard in 1995 and began work as the residency coordinator in July of 1997. She has seen the program through countless faculty and leadership changes, program updates and resident classes. Over the years, in addition to her position as residency coordinator Ann has performed many other roles within the school beyond those already mentioned: Instructor of Occupational Health and Safety and Director of Community Engagement at the Harvard-NIEHS Center for Environmental Health as well as being in charge of research for NIOSH and NIEHS grants. She has engaged in worker health across the state, serving as a member of the Environmental Health Nursing Education Collaborative and the advisory board for MassCOSH, in addition to conducting outreach to the fishing community as a governor-appointed committee member of the Maine Commercial Fishing Safety Council. Ann is known not only for her outgoing and selfless personality, but also for her competency within the fields of occupational and environmental health. Her smile, friendship and knowledge will continue to accompany us because as Director of Outreach, Ann still oversees Occupational and Environmental Medicine Grand Rounds and Research Seminars, as well as instruction of residents during courses taken as part of the Environmental Health MPH-45. The Harvard OEMR faculty, staff, residents and alumni would like to thank Ann Backus for 22 years of outstanding coordination, support, oversight and service to the program.



It is our pleasure to introduce **Carmen A. Rodriguez, MA**, also known as Annie, as the new Residency Coordinator! Annie is a seasoned graduate medical education administrator. Prior to joining the Harvard OEMR in the spring of 2019, she spent more than fifteen years as the Program Manager of the Harvard Radiation Oncology Program at Brigham & Women's Hospital, and as a Fellowship Administrative Coordinator at Beth Israel Deaconess Medical Center in Boston. With vast experience in ACGME accredited programs, she has honed her skills and expertise in the implementation of organizational systems that enhance the administration and management of such programs. Annie holds a graduate degree from Gordon-Conwell Theological Seminary. She lives in Revere and enjoys reading, traveling with her husband and spending time with friends and family. **Welcome to the Harvard OEMR team Annie!**



The program also added another valuable clinical faculty this year! **Eirini Iliaki, MD, MPH** graduated from the University of Crete Medical School in Greece and moved to the USA to pursue basic research and then a Masters in Public Health from the Harvard T.H. Chan school of public health. She completed her internal medicine residency and Chief residency at Cambridge Health Alliance (CHA) and her fellowship in adult infectious diseases at the Boston University' Boston Medical Center and subsequently returned to CHA as an instructor in Medicine at Harvard Medical School. She has worked in internal medicine as well as the Infectious Diseases division. She is currently a clinician at the Cambridge TB clinic – co-run by the Cambridge public health department and provides HIV / STD and hepatitis care at the CHA Zinberg clinic and inpatient consults in general infectious diseases. She has become an active member of the occupational health department where she mainly conducts travel medicine, immigration and blood borne pathogen exposure exams. She enjoys working with the residents and the rest of the Occupational health staff who are extremely knowledgeable on so many aspects of medicine and loves learning from them. She has witnessed the impressive transformation of the CHA Occupational health division to help our healthcare workers in the midst of the COVID-19 pandemic and could not be more proud to be an integral part of our COVID-19 response team. She has given grand rounds on occupational infections and is looking forward to more teaching of the incredible resident group.



PROGRAM UPDATES

During 2019 there were several major changes and additions to the program. The residency moved to the New Innovations software platform that digitizes and streamlines residency scheduling, credentialing, evaluations and management of resident ACGME milestones. The program also restarted a previous rotation site at the Gillette World Shaving Headquarters and introduced a new site at the Veterans Affairs (VA) Boston Healthcare System. The rotation at Gillette provides a unique opportunity to residents as it combines manufacturing, research, commercial and corporate operations all in one site. **Dr. Christine David** (OEMR '12) serves as the Senior Physician at Gillette and directly oversees rotating residents. The VA rotation is centered at the Jamaica Plain VA campus of the VA Boston Healthcare System, with activities also taking place at the Roxbury Crossing and Brockton VA campuses. The rotation provides residents the opportunity to participate in occupational health clinical evaluations, employee wellness programs, environmental medicine consultations and disability exams.

FROM THE CHIEF RESIDENT

2019 was another great year for Harvard OEMR with 5 residents completing the MPH and 4 graduating the program to move on to promising careers. We also welcomed 4 new incoming class of 2021 residents with a welcome barbeque hosted by second year Sam Kurdi. The program completed another successful interview season full of high quality, competitive applicants which culminated in selecting a group of 6 exceptional physicians for the class of 2022 - we are eager to have them join us this summer.

This year's retreat was held in the White Mountains of New Hampshire. The escape from the busy pace of life in Boston was a welcome change for residents and their families. Residents took advantage of the valuable time together to discuss goals and priorities for the coming year and share experiences from academic and clinical activities. Between pool time, hikes and dinners, there were opportunities for families to come together as well.

During the year, several residents took advantage of elective opportunities outside the Boston area. Rob Filler served as an intern within the Department of Public Health, Environmental and Social Determinants of Health (PHE) at the World Health Organization HQ in Geneva Switzerland where he created a summary of WHO recommendations on vaccination for health workers. While at the WHO, Rob also supported medical conferences on mental health in the workplace and building occupational medicine global capacity. Nate Jones served as occupational consultant with The Church of Jesus Christ of Latter-day Saints Missionary Health Services in Salt Lake City, UT which is responsible for medical services supporting 67,000 missionaries in 420 countries. While there Nate worked on medical screening, job classifications and medical standards for workers engaged in the missionary service. Finally, I was selected for an aerospace medicine clerkship with NASA at the Johnson Space Center in Houston, TX and worked on research evaluating medical resource planning for use on future missions aboard the Orion spacecraft.

This has been a phenomenal year for Harvard OEMR. Personally I am proud of the diverse residents we have in the program that have consistently demonstrated a high level of academic, clinical and professional performance. I would like to recognize our coordinator Annie Rodriguez, whose knowledge and hard work made the transition of such a critical position appear seamless. Finally, I would like to thank our faculty and staff that have gone to such great lengths under the leadership of Drs. Kales and Rainey to support our residents.

Cheers

Chris



ALUMNI SPOTLIGHTS

MASON HARRELL



Mason Harrell, MD, MPH, FACOEM (OEMR '15) is a double board-certified physician in Occupational Medicine, and Public Health and Preventive Medicine. He is an active-duty Navy Lieutenant Commander, Medical Department Head, and Flight Surgeon. As a military occupational medicine physician and flight surgeon, he provides acute care, primary care, and a variety of occupational medicine exams. He supervises 80 medical professionals: 15 physicians, two mid-level providers, 15 nurses, and 50 medical technicians (corpsman). He created and is a principal instructor for the U.S. Navy's Occupational and Environmental Medicine Fundamentals Course. He piloted the Navy's Disability Evaluation Pilot Program and is a contributing author of the U.S. NAVY BUMED Disability Policy on Deployability, Medical Evaluation Board (MEB), and Limited Duty Management.

Outside the military, his experiences include work with the WHO, Massachusetts Institute of Technology, ACOEM, software development automating medical record organization by auto-identifying duplicate records and subduing duplicated data, and co-founded IDefine, a non-profit organization to find a cure, and translational treatments, for children with intellectual disabilities. He created and is the Course Director for AOHC's Physician Communication course and serves in a variety of capacities in ACOEM and the WOEMA. He serves on the Board of Trustees of OEHF. He is a Practice Guidelines Medical Advisory Board Member of MDGuidelines and contributor to ACOEM Practice Guidelines. He authored the chapter on Occupational Mental Health in ACOEM's Basic Occupational Health Guide, including sections on Delayed Recovery from Injury and Illness and Benefits of Work, and others. Dr. Harrell published original research on "Return to Work" in the Journal of Occupational and Environmental Medicine. He published in the Journal of Infectious Disease with the World Health Organization on Ebola infections in health care workers. Recently, he was a keynote speaker for ICOH's OHHW conference in Germany and moderated ACOEM's webinar on COVID-19: Best Practices – Telemedicine. Other volunteer positions include Physicians for Human Rights.

His most meaningful life experiences come from being a husband and father of two daughters.

M. CHRISTINE DAVID



M. Christine David, DO, MPH (OEMR '12), is a New York City native who majored in Romance Languages at NYU. She went on to the New York College of Osteopathic Medicine and completed a rotating internship at Long Beach Medical Center, Long Beach, NY. After a couple of years of training in Family Medicine in central PA, Christine pursued her passion for public health, completing Preventive Medicine Residency at UMASS Medical Center, where she also earned her MPH. At UMASS, Christine explored such avenues of interest as obesity, health disparities and maternal-child health issues – topics which served as the source of her preventive medicine research project. A rotation with Dr. Joseph Celona at the Fallon Clinic, however, proved to be a pivotal point for her, where, through the practice of occupational medicine, she could combine preventive health practices with direct patient care. After completing Preventive Medicine at UMASS, Christine entered the 2-year OM program at Harvard. During her time at HSPH, she developed an interest on workplace wellness and health promotion while researching methylmercury as an environmental reproductive hazard. Christine has worked in urgent care and such occupational medicine practices as Concentra. Following her tenure as the Medical Director of the Working Well Clinic in Boston Medical Center, she joined the team at P&G Gillette in South Boston as the Senior Physician / Medical Site Leader. Christine and her family live in Boston. She enjoys weight training, running, gardening, home improvements and spending time with family.



RESIDENT AND ALUMNI AWARDS AND HONORS

Dr. Leslie Cadet

2019 AOHC Resident Research Award for presentation of "Pilot Performance Under Varying Carbon Dioxide Concentrations in a Flight Simulator"

Dr. Leslie Cadet

2019 AOHC Resident Scholarship – Transportation Section

Dr. Justin Yang

2019 AOHC Resident Scholarship – Public Safety Section

Dr. Mason Harrell (OEMR '15)

2019 AOHC- Elevated to Fellowship Level in ACOEM

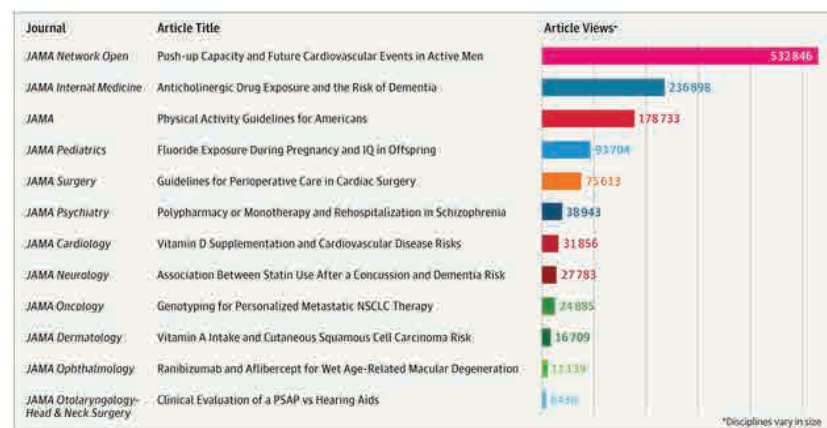
Dr. Stefanos Kales (OEMR '93)

2019 Robert C. Johns Research Partnership Award presented at the Center for Transportation Studies Annual Meeting on February 20, 2019 at the University of Minnesota. This award is presented annually for achievement of significant impacts on field of transportation and was given for work done on the project "Exploring Links between Medical Conditions and Safety Performance in Tractor Trailer Drivers".

Dr. Christopher Scheibler

Featured by the Harvard School of Public Health for his endeavors in occupational and aerospace medicine: www.hsph.harvard.edu/news/features/high-altitude-health/

Dr. Justin Yang, Dr. Kales and other colleagues (see figure) authored the most read paper in JAMA Network between September 1, 2018, and August 31, 2019 (>530,000 views). The paper also received an "Altimetric Top 100 Award" for the 100 most viewed articles (#26) in that network.



RECENT ALUMNI AND RESIDENT PUBLICATIONS

Yang J, Christophi CA, Farioli A, Baur DM, Moffatt S, Zollinger TW, **Kales SN**. Association Between Push-up Exercise Capacity and Future Cardiovascular Events Among Active Adult Men. JAMA Netw Open. 2019 Feb 1;2(2):e188341. doi: 10.1001/jamanetworkopen.2018.8341.

Chin MC, Kales SN. Understanding Mind-Body Disciplines: A Pilot Study of Breathing and Dynamic Muscle Contraction on Autonomic Nervous System Reactivity. Stress Health. 2019 Oct;35(4):542-548. doi: 10.1002/smi.2887. Epub 2019 Sep 5.

Chin MS, Kales SN. Is There an Optimal Autonomic State for Enhanced Flow and Executive Task Performance? Front Psychol. 2019; 10:1716. Epub 2019 Aug 14.

Korre M, **Loh K**, Eshleman E, Lessa F, Porto L, Christophi Costas A, **Kales SN**. Recruit Fitness and Police Academy Performance - A Prospective Validation Study. Occup Med (Lond). 2019 Dec 31;69(8-9):541-548. doi: 10.1093/occmed/kqz110.

Rainey D, Parenteau M, Kales S. Sleep and Transportation: Role of the Employer. Sleep Med Clin. 2019; 14: 499-508.

Scheibler C, Kiser J, Backus A. To Your Health: Healthy Ways to Cope with Stress. Landings: Vol. 27; No. 1, January 2019.

Somnath V. Ganapa, BS; **Glen Cheng, MD, JD**; William Halperin, MD, DrPH, MPH . Mandated Health Benefits Commissions and Their Role in the Opioid Crisis. Journal of Public Health Management and Practice; May/June 2019 • Volume 25, Number 3, 300-301.

Sotos-Prieto M, Jin Q, **Rainey D**, Coyle M, **Kales SN**. Barriers and Solutions to Improving Nutrition among Fire Academy Recruits: A Qualitative Assessment. International Journal of Food Sciences and Nutrition. Int J Food Sci Nutr. 2019 Feb 15:1-9. doi: 10.1080/09637486.2019.1570087.

Lan FY, Fernandez-Montero A, Yiannakou I, Marinou-Iatrides O, **Ankeny JT, Kiser J**, Christophi CA, Christiani DC, Sotos-Prieto M, **Kales SN**. A Mediterranean lifestyle is associated with lower hypertension prevalence and better aerobic capacity among New England firefighter recruits. J Occup Environ Med. [in press].

DR. THOMAS WINTERS RECEIVES PRESTIGIOUS HARRIET HARDY AWARD

On Thursday, Dec. 5, 2019, the **New England College of Occupational and Environmental Medicine (NECOEM)** awarded Dr. Thomas H. Winters with the prestigious **Harriet Hardy Award** at its 2019 Annual Conference in Newton. NECOEM presents this award annually to an individual who has made outstanding contributions to the field. Dr. Winters regularly works directly with Harvard residents as the Occupational and Environmental Health Network (OEHN) rotation site director and supports the program through frequent teaching and service on several residency committees. OEHN is also a strong financial benefactor of our program.

While presenting the award, NECOEM President Matthew Lundquist recognized Dr. Winters for over 35 years of occupational medicine service and expertise in musculoskeletal disease, occupational health of healthcare workers, total disability management, occupational and infectious diseases and corporate medical consulting. He also highlighted Dr. Winters's position as co-founder and Chief Medical Officer of OEHN, a network of professionals delivering clinical leadership, care and service to insurers, employers and workers in efforts to optimize the health, safety and wellbeing of workers while reducing client risk and costs associated with occupational injury and illness.

In his accepting remarks, Dr. Winters thanked his family and friends, as well as the nurses, nurse practitioners and medical administrators for "keeping him on track". Dr. Winters gave comments on how to design a career pathway in occupational medicine, the role of the clinician in affecting social change and how the occupational medicine physician can advocate for and improve the quality of conditions in the plight of the worker.



Dr. Winters - 2019 Harriet Hardy Lecture



Dr. Winters and NECOEM President Dr. Matthew Lundquist

OUTSTANDING CLINICAL AND 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 the awards winners for 2019!

Rose H. Goldman, MD, MPH (OEMR '80) received the 2019 Outstanding Clinical Faculty Award and **Mahdieh Danesh Yazdi, PharmD, MPH** received the 2019 Outstanding Academic Faculty Award.

Thank you both so much for your support of the program and the personal attention you give to the education of our residents!



Dr. Goldman has supported the residency for decades and currently serves as the Director of Faculty Affairs in the Department of Medicine, Cambridge Health Alliance (CHA) and regularly teaches residents while evaluating occupational and environmental consult patients at the CHA Occupational Health clinic. She also serves as an Associate Professor of Medicine at Harvard Medical School and Associate Professor of Environmental Health Sciences at the Harvard School of Public Health.



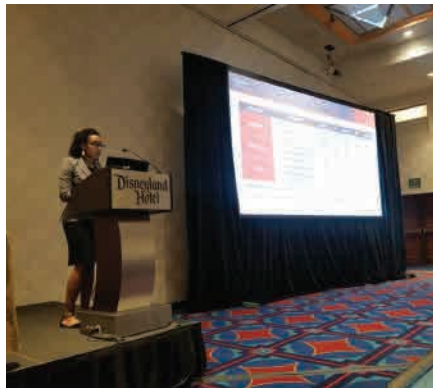
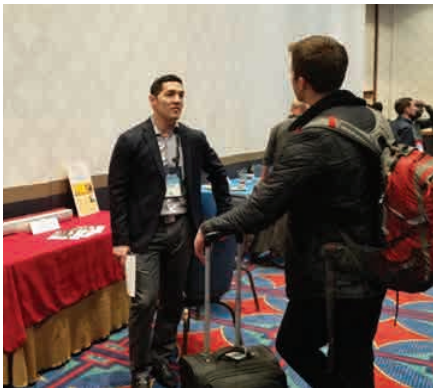
Dr. Yazdi serves as Teaching Assistant for the Principles of Toxicology course taken by residents as part of the Environmental Health track of the Masters of Public Health degree. She is regarded by residents for being proactive in her role as an educator and extremely knowledgeable in the detailed areas of physiology and toxicology covered in the course. Dr. Yazdi is also known for her outgoing personality, sense of humor, and ability to continually make the curriculum engaging and enjoyable.



AOHC AND NECOEM - 2019

AOHC

The 2019 American College of Occupational and Environmental Medicine (ACOEM) American Occupational Health Conference (AOHC) was held April 28 – May 1 in Anaheim, CA. A large portion of our residents and faculty attended the conference and maintained a Harvard OEMR table to promote and recruit for the program. Several of our residents were selected for scholarship awards to attend the conference and **Dr. Leslie Cadet** was also recognized with a resident award for her presentation “Pilot Performance Under Varying Carbon Dioxide Concentrations in a Flight Simulator”.



NECOEM

This year's New England College of Environmental and Occupational Medicine (NECOEM) conference included the following resident contributions.

Oral Presentations:

- **Dr. Michael Parenteau** - Sleep and Transportation Safety: The Role of The Employer
- **Dr. Christopher Scheibler** – Occupational Hazards in the High-Performance Flight Environment
- **Dr. Robert Filler** - Clinical Research Session Moderator

Poster Presentations:

- **Dr. Nathan Jones** - Correlations Between the Break Facility Physical Environment and Worker Health Outcome: A Pilot Study Among Public Transit Workers
- **Dr. Hussam Kurdi** - Occupational Nanoparticle Exposure and Pulmonary Function Tests in Workers at Six Photocopy Centers
- **Dr. Christopher Scheibler** - Ergonomic Hazards in Boston Children's Hospital Food Service Workers

2019 GRADUATES



Leslie R. Cadet, MD, MPH (OEMR '19) is a native Floridian who completed her medical education and internship training at the University of Miami Miller School of Medicine/Jackson Memorial Hospital. She is an accomplished Air Force Veteran whose work as a Flight Surgeon aided in the successful execution of 1,080 combat missions and 2,000 airlift missions in support of Operations INHERENT RESOLVE and ENDURING FREEDOM. As an occupational health consultant and primary care physician, Leslie routinely cared for aviators, aircraft mechanics, and intelligence officers. In 2015 she was recognized as the Global Strike Command Flight Surgeon of the Year. In the last years of her military tenure, Leslie served as the Medical Director of the Flight Medicine Clinic where she was assigned. She led 23 personnel in seamless clinical operations to provide high quality care to over 700 beneficiaries while simultaneously completing overseas/special operational duty clearances for a base populace of approximately 5,100 active duty personnel. While at Harvard, Leslie's love of aviation continued as a member the Aviation for Health research team. Her research project, 'Heart rate variability and performance of commercial airline pilots during flight simulations,' was published in the International Journal of Environmental Research and Public Health and awarded the 2019 ACOEM Transportation Section Scholarship. Leslie is currently an Attending Physician at the Loma Linda University Medical Center Occupational & Environmental Medicine Residency Program, where she enjoys teaching residents and providing high quality clinical care to diverse worker populations.



Jacob T. Ankeny, MD, MPH (OEMR '19) is a 2011 graduate from the University of Texas Medical Branch in Galveston. He obtained his BS from Louisiana State University in 2004. Prior to OEMR, Jacob was an Orthopedic Surgery resident and served as 3rd Marine Logistic Group Regimental Surgeon in Okinawa, Japan. It was from his time with the Marines, that he learned about the field of occupational medicine. While at Harvard, Jacob worked on a few research projects involving fire recruit health and the analysis of risk factors for cardiovascular disease in firefighters. Dr. Ankeny is the OEM Division Officer at the Navy and Marine Corps Public Health Center, where he is also a director for an OEM fundamentals course. Jacob has been heavily involved with the Navy's COVID-19 response, including deployment on the USNS COMFORT to assist New York City. In his spare time, he enjoys spending time with his family and is an avid fitness enthusiast.



Justin (Chih Chao) Yang, MD, MPH (OEMR '19) is a Taiwanese American and received his MD from Peking University in 2009. He completed his Internal Medicine residency at Tufts/ St. Elizabeth's Medical Center in June 2017. He is dual Board-Certified in Internal Medicine & Occupational Medicine, also a certified MRO and DOT examiner. Since 2012, Justin has participated in several of Dr Kales' firefighter studies and co-authored a total of 13 publications with Dr Kales and Dr Goldman. Throughout the years, he received several trainee awards. Justin is the recipient of the 2018 & 2019 AOHC Resident Scholarship and the ACOEM 2019 Public Safety Medicine Scholarship. He is also the recipient of the 2019 Barbara A Morris Award for Excellence in Patient Care. His most recent publication with Dr. Kales on push-up capacity and cardiovascular disease incidence was ranked the #1 read of all JAMA studies in 2019 with 570K+ views and 140+ media outlet reports. He is also interested in entrepreneurship and serves as the Co-Founder and Chief Medical Officer of MobioSense, a start-up that focuses on revolutionizing portable diagnostic devices. Justin has led the company in raising 4 million dollars and signing 2 major contracts with global pharmaceuticals in 2018. Justin is currently an Assistant Professor at Boston University School of Medicine and the Medical Director of Manet Urgent Care & Occupational Health Center, where he participates in the COVID Incident Command Center, leads the response effort and directs the only drive -thru testing tent in Quincy, MA.



Jeffrey D. Kiser, MD, MPH (OEMR '19) is originally from Kingsport, TN. Upon graduating from HSPH occupational medicine residency, he continues with his USAF career. He is currently the medical director of Occupational Medicine Services clinic at Robins Air Force base at Warner Robins in central Georgia. He oversees a staff of 40 which in turn serve the occupational needs of Georgia's largest single-site industrial complex with the overarching mission of depot-level maintenance and repair of Air Force aircraft. Dr. Kiser recently passed his certification boards and is now certified in both Occupational Medicine and Family Medicine. Highlights of his last sixteen years with the Air Force include serving as a flight surgeon for the F-22 fighter squadron in Anchorage Alaska as well as the lead physician for a humanitarian mission above the Arctic Circle. Dr. Kiser also served as Chief of Aerospace Medicine at the 479th Flying Training Squadron at Pensacola Naval Air Station in Florida. His wife, Marilyn, and their three daughters miss the excitement of Boston but are adapting well to their new home.

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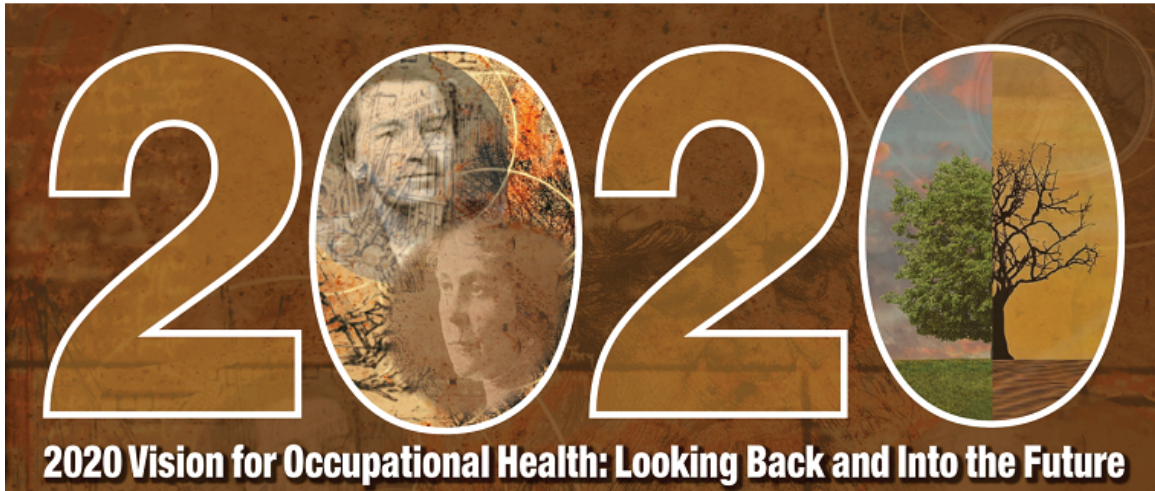
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