

OCCUPATIONAL AND ENVIRONMENTAL MEDICINE RESIDENCY

## **OEMR SYNAPSE - 2018 ANNUAL REPORT**

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

EDITOR: **LESLIE CADET, MD, MPH**

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## PROGRAM DIRECTOR'S WELCOME

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Welcome to the 2018 Occupational and Environmental Medicine Residency (OEMR) Annual Report, our 11th edition of the OEMR Synapse. We are pleased to recap our achievements and celebrate our current residents, 2018 graduates, and distinguished alumni.

In 2018, we witnessed remarkable evidence of the historical continuity of our excellence in the field of occupational medicine over the last century. Both the Harvard Medical School and the Harvard Chan celebrated the legacy of Professor Alice Hamilton last fall by unveiling statues of Harvard's first woman professor and industrial medicine giant on each campus (see page 7). Dr. Hamilton's best-known protégé, Dr. Harriet Hardy, and a giant in her own right is the namesake for the New England College of Occupational and Environmental Medicine's highest annual award. Fittingly, in 2018, the Hardy Award went to Dr. John Howard, Director of NIOSH and alumnus of our Occupational Medicine Program and school of public health (see page 10). Additionally, our school featured an interview with Dr. Christiani (see page 7), which connected Prof. Hamilton's legacy to the current work of our NIOSH Educational and Research Center (ERC), the academic home of our residency. As you will read below, the continuity of our program in terms of resident recruitment and census, excellence in faculty and resident activity and program funding remains secure.

In 2018, three residents graduated and went on to careers in academia and aerospace medicine. Once again, our graduates continue to do well on the ABPM OM Board exam and maintain a 100% first-time pass rate for recent years. Our current residents continue considerable achievements in their research and training, including four awards at the 2018 AOHC conference (see page 9) and upcoming awards for 2019. We continue to recruit and maintain a large resident census with nine current residents (see pages 4-5) and another four accepted in December 2018 for matriculation in July 2019.

Now, let's recognize the financial generosity of our donors (see page 15). Without them, we would not be able to continue to expand and grow our occupational medicine program the way we have recently. Given our large census, our financial needs exceed our NIOSH budget. Since 2014, we have succeeded in securing over \$1.3 million in endowed training funds. The generous anonymous gift of \$250,000 to establish the fund in the name of our advocate and friend, Nyla Medlock, has now surpassed \$365,000 in principal, well past the initial goal of \$350,000 with help of Nyla and other dedicated supporters. Thus, we have achieved our first interim goal for the fund. Our next goal is for it to surpass \$500,000. Additionally, we remain indebted to another anonymous gift of \$1 million in 2016 to establish the Prajna endowment.

While we are proud of these fund-raising achievements, tuition costs and expenses continue to grow. 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 addition to growing the endowments, we need to supplement our OM Gift fund to pay residents' ACOEM dues, travel/education stipends and for events such as the annual reunion at AOHC (see page 15).

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 that produces extraordinary medical professionals.

Thank you and all the best in 2019!

Warm Regards,  
**Stefanos**





# CURRENT RESIDENTS

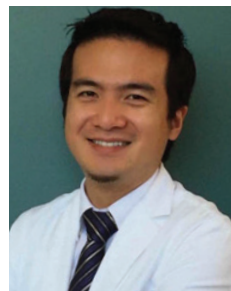
## SECOND YEAR RESIDENTS



**Leslie R. Cadet, MD, MPH** (OEMR '19) is the **Chief Resident** for the 2018-2019 academic year. She 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 continues and she is 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. After graduation, Leslie plans to use her clinical occupational medicine and leadership skill sets to improve worker health.



**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. Previously, Jacob was an Orthopedic Surgery resident and recently served as regimental surgeon for the Marines in Okinawa, Japan. It was from this culturally-expanding experience, that he learned about the field of occupational medicine. With this career change, Jacob aims to significantly impact communities by optimizing fitness and focusing on factors that contribute to overall wellness. He is interested in work healthcare promotion, nutrition, and the application of behavioral insights to health challenges. Jacob is currently working on a few research projects involving fire recruit health and the analysis of risk factors for cardiovascular disease in firefighters. He enjoys his time with family and is an avid reader and fitness enthusiast.



**Justin (Chih Chao) Yang, MD, MPH** (OEMR '19) is a Taiwanese American and a graduate of Harvard Chan School Class of 2012. He attended Peking University and received his MD in 2009. He completed his internal medicine residency at Tufts/ Steward St. Elizabeth's Medical Center in June 2017 and is Board-Certified in Internal Medicine. His exposure to environmental health began six years ago, when he turned a term paper he wrote for Dr. Rose Goldman's class into a manuscript published in Food & Chemical Toxicology. His story was featured on the Harvard Chan School homepage. After completing his MPH, he worked with Dr. Kales as a post-doc research fellow for two years, co-authoring nine papers related to cardiovascular health among firefighters. Justin is the recipient of the 2018 & 2019 AOHC Resident Scholarship and the ACOEM 2019 Public Safety Medicine Scholarship. In addition, throughout the years he has received several trainee awards including Best Poster and Excellence in Teaching, from the Massachusetts Medical Society, the American College of Physicians, Tufts Medical School, Harvard Medical School and Harvard College. His most recent publication with Dr. Kales on push-up capacity and cardiovascular disease incidence on JAMA Network Open has received worldwide attention with 400K+ views and 100+ media outlet reports. He is 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 2 years.



**Jeffrey D. Kiser, MD, MPH** (OEMR '19) is originally from Kingsport, TN. He graduated from the University of Tennessee with a BS in Chemical Engineering. During his time as an undergraduate, he worked as an engineering intern at DuPont manufacturing plant in Chattanooga, TN. Upon graduation from college, he commissioned with the United States Air Force and attended medical school at the University of Tennessee, College of Medicine. Following medical school, he completed his three-year Family Medicine residency at Eglin Air Force Base in Florida. After several years in the trenches of primary care, he crossed over into Aerospace Medicine. Highlights of his fourteen 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's most recent assignment was as Chief of Aerospace Medicine at the 479th Flying Training Squadron at Pensacola Naval Air Station in Florida. His current research interests include assessing non-traditional cardiac risk factors and bio-markers in fire fighters. His wife, Marilyn, and their three daughters love exploring all that Boston has to offer and are now novice ice-skaters.



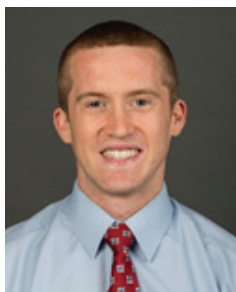
# CURRENT RESIDENTS

## FIRST YEAR RESIDENTS



**Rob Filler, MD** (MPH '19, OEMR '20), MBA, calls Richmond, VA home having attended Virginia Commonwealth University for an undergraduate major in Biomedical Engineering and Medical School. He joined the Navy during Medical School and completed a General Surgery internship at Naval Medical Center San Diego and went on to complete Flight Surgery Training in Pensacola, FL. As a decorated Navy veteran and flight surgeon, he has logged crew flight hours in the CH-46, AH-1, UH-1, MV-22, CH-53, C-12, C-130, F-16B and F-18D aircraft. He ran a medical department recognized for excellence and deployed to the Middle East in support

of combat operations and Asia in support of contingency operations with the Marine Corps during his 6 years of service. During his time in the Navy he also completed an MBA through West Texas A&M University. His research interests involve human performance and organizational efficiency. He enjoys all-weather bicycle commuting with his young twin children and all that Boston has to offer.



**Nathan M. Jones, MD** (MPH '19, OEMR '20) is originally from the upstate town of Oneonta, NY. He attended Brigham Young University for his undergraduate studies, where he earned a BS in Molecular Biology cum laude in 2013. Nathan also commissioned as an officer in the U.S. Air Force the same year, prior to entering the State University of New York (SUNY) Upstate Medical University in Syracuse, NY on an Air Force Health Professions Scholarship. It was during his time in medical school that Nathan developed an interest in occupational medicine. He completed multiple elective rotations within the field (including one right here at the

Harvard OEMR Program) and produced multiple peer-reviewed publications and national conference poster presentations on occupational medicine topics. Nathan also became an active member of ACOEM's Membership Committee as a Medical Student/Young Physician Liaison, a position in which he continues to serve.



**Hussam Kurdi, MD** (MPH '19, OEMR '20) is from Saudi Arabia and a graduate of King Abdulaziz University medical school. He moved to the US in 2013 and did a research fellowship in the occupational medicine department at West Virginia University. After his fellowship, he matched into an internal medicine residency—primary care track—at Connecticut Institute for Communities/Danbury Hospital. Hussam received the "best PGY-3 resident of the year" and "young achievers" awards from the American College of Physicians for his poster nomination. Hussam is now board certified in internal medicine. Hussam lives with his wife, Alaa, and they enjoy living with their beautiful baby daughter, Keyane, in Newton, MA.



**Michael A. Parenteau, MD** (MPH '19, OEMR '20), JD is a native of California who graduated from Southern Illinois University earning both his MD and JD. He attended the 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 prior to serving 4 years as an Undersea Medical Officer in the U. S. Navy. In addition to being a loving

husband and proud father, he is also an avid outdoor enthusiast who enjoys running, bicycling, and skiing.



**Christopher M. Scheibler, MD** (MPH '19, OEMR '20) is a native of San Antonio, TX and a graduate of the Uniformed Services University of the Health Sciences medical school in Bethesda, MD. He attended Baylor University in Waco, TX with an undergraduate degree 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 beginning his occupational medicine residency at Harvard, he performed duties as a medical inspector at the Air Force Inspection Agency and as the team physician for the Air Force Thunderbirds Air Demonstration Team. His interest

in occupational medicine began during his time working as a clinician in Air Force operational medicine where he dealt with occupational and flight medicine patients.

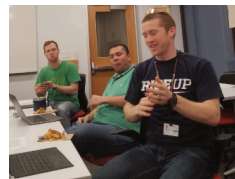
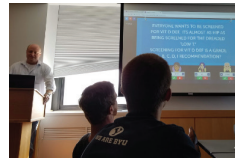
# RESIDENT'S CORNER

## FROM THE CHIEF RESIDENT

The 2017-2018 academic year proved to be another year of enriching experiences as Harvard prepares the next generation of occupational health physicians. We welcomed 5 new residents to our program, and each of us brings unique experiences and perspectives that make the program thrive. Together we have energized our journal club and board review activities, as well as re-invigorating the career seminar series. Winter 2019 boasted our first resident retreat! I am happy to serve each of my colleagues, and look forward to working with them in varying capacities as we move forward in our respective careers. Thank you to all of the clinical and academic faculty who make our education possible, as well as the heroes that advocate tirelessly each year to secure and donate funding to our program.

Best,

Leslie





## ALICE HAMILTON SCULPTURE UNVEILING

On September 26, 2019 the Harvard T.H. Chan School of Public Health honored an occupational health giant, Dr. Alice Hamilton. Dr. Hamilton was Harvard's first female faculty member, and nearly 100 years later, her bust was unveiled in the Francois-Xavier Bagnoud Building lobby of the school. Dr. Hamilton was an Assistant Professor of Industrial Medicine, and pioneered the field of industrial toxicology as she attempted to protect workers from occupational hazards such as mercury and lead. Her legacy at Harvard continues, shining brightly through the School's Education and Research Center (ERC) for Occupational Health and Safety, led by Dr. David Christiani. The ERC was established in 1977 and trains professionals, such as physicians, to conduct research, create protective policies, and treat ailments caused by the work environment. Click [here](#) to read more about Dr. Hamilton's sculpture unveiling at the Chan School, and click [here](#) for Dr. Christiani's interview on the continuing work of the ERC.



*Sculptor Robert Shure and Harvard Chan School Dean Michelle Williams*

## IN THE MEDIA

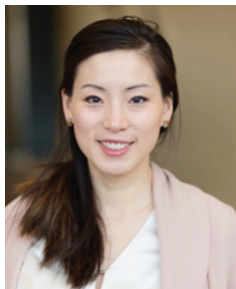
In July 2018 Dr. Kales and Indianapolis firefighters were featured on the TV show Firehouse Kitchen to emphasize the health benefits of Mediterranean cooking. Firehouse Kitchen is hosted by retired New York Firefighter Ray Cooney who visits firehouses across the country to cook and share firefighting rescue stories. The two-part episode featured Feeding America's Bravest- one of Dr. Kales' studies aimed at lowering firefighters' risks for cardiovascular disease and cancer by encouraging firefighters and their families to adopt and incorporate the healthy eating principles of the Mediterranean Diet. Watch part 1 of the episode [here](#). Watch part 2 [here](#).





# ALUMNI SPOTLIGHTS

## DR. LIZ KWO



**Liz Kwo, MD, MPH** (OEMR '17), MBA is a serial entrepreneur, practicing physician, instructor at Harvard Medical School, and serves on the boards of several healthcare and biotechnology start-ups. Her passion is growing early-stage, disruptive companies that will have a positive impact on consumers.

Liz founded her first company, New Pathway Education, in 2009. She scaled this technology-based education company in China to six cities and 180+ employees in five years, before selling it to the private equity firm CVC.

Following her first acquisition, she returned to the US and began angel investing in high-growth education and biotechnology companies, including RubiconMD and Crimson Education. In 2014, she was recruited by American Well, a leading telemedicine company, as Senior Vice President of Provider Networks. While there, she managed a P&L of \$15M+, 1000+ contracted physicians, and led the recruitment of over 60 behavioral health providers for their specialty network.

In 2016, she went on to found InfiniteMD, a medical second opinion leader that specializes in both connecting international patients with the top physicians in the US, and, utilizing artificial intelligence (AI) to analyze current treatment standards at centers of excellence. Working as the CEO, she helped secure contracts with several large payers and now sits on the board as the Chief Medical Officer. In 2018, she also founded and serves as the CEO of KALEA Wear, a technical medical apparel brand that offers high-performance fabrics to healthcare professionals.

In sum, Liz raised approximately \$6 million for her start ups and sold the companies in the range of \$50 million.

Most recently, she was awarded the prestigious Blavatnik Fellowship at Harvard University and retains her Instructor of Medicine status at Harvard Medical School. She also sees patients several days a month in occupational medicine at Cambridge Health Alliance.

Liz began her career as a product development specialist at Medtronic and analyzed investments as an Entrepreneur-in-Residence at Excel Medical Ventures. She received her MD from Harvard Medical School, MBA from Harvard Business School, MPH from Harvard T.H. Chan School of Public Health, and BA in Human Biology from Stanford University.

## DR. DAVID RAINEY



**David Rainey, MD, MPH** (OEMR '18), MEd is a recent graduate from the Harvard OEMR program and our the newest faculty member, currently serving as Assistant Program Director. Having completed a concurrent degree in education while a medical student, Dr. Rainey is passionate about improving medical education and delighted to remain involved with training activities in the residency and the Harvard schools of medicine and public health. Through CHA and under the direction of Dr. Kales, Dr. Rainey is directing a new resident experience with the Massachusetts Department of Industrial Accidents, providing research support and consultation services to the

Health Care Services Board which writes the state's workers compensation guidelines. He will also begin work as a consulting medical director for MIT's occupational health services under contract with CHA, and serve as supervisor of our residents at MIT. This fall, Dr. Rainey was named as the co-director with Dr. Kales of the the EH 232 "Introduction to Occupational Medicine" course at the Harvard Chan School of Public Health, and is preparing to launch a formal board review course for residents beginning fall 2019.



## RESIDENT AWARDS

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**Dr. Leslie Cadet**

NIOSH ERC Pilot Project Grant: *Airplane Pilot Performance on 21 Maneuvers in a Flight Simulator under Varying Carbon Dioxide Concentrations*

**Drs. Michael Chin & David Rainey**

2018 Public Safety Medicine Special Interest Section Resident and Student Scholarships

**Dr. Nathan Jones**

Harvard T.H. Chan School of Public Health Rose Service Learning Fellowship Grant: *Train/Bus Operator Lobby Impact on Worker Wellbeing*

**Dr. David Rainey**

2018 Medical Center Occupational Health Special Interest Section Resident Scholarship

**Dr. Clifton Wilcox**

2018 Resident Research Abstract Presentation Award: *Obstructive Sleep Apnea Screening for Commercial Motor Vehicle Operators: A comparison of the 2016 Federal Motor Carrier Safety Administration (FMCSA) and Medical Review Board (MRB) Recommendations and the 2006 Joint Task Force's Consensus Guidelines*

**Dr. Justin Yang**

2018 AOHC Resident Scholarship Recipient

**Drs. Justin Yang & Fan Yun Lan**

Honorable Mention in the Clinical Research Category, Massachusetts Medical Society 13th Annual Research Postor Symposium: *Push-ups as a predictor of future cardiovascular events and functional capacity: a 10-year retrospective cohort study*

## RECENT ALUMNI AND RESIDENT PUBLICATIONS

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**Filler, RD.** Embrace Technology to Combat Inefficiencies in Healthcare. US Naval Institute Proceedings. January 2019 Vol. 145/1/1,391.

**Harrell, Mason D.** Chapter 7: Psychological Factors and Workforce Health: Stress Management, Workplace Violence, Benefits of Work, and Delayed Recovery from Injury or Illness. Occupational Health Guide, A Publication of the ACOEM Private Practice Section. 2018.

Saranya A Selvaraj, Karen E Lee, **Mason Harrell**, Ivan Ivanov, Benedetta Allegranzi; Infection Rates and Risk Factors for Infection Among Health Workers During Ebola and Marburg Virus Outbreaks: A Systematic Review, The Journal of Infectious Diseases, jiy435. September 7, 2018.

**Mason Harrell**, MD, MPH, Contributor. ACOEM Workplace Mental Health Guidelines. Posttraumatic Stress Disorder and Acute Stress Disorder. American College of Occupational and Environmental Medicine. Effective December 18, 2018. <https://new.mdguidelines.com/acoem/disorders/workplace-mental-health/ptsd>.

Mercedes Sotos-Prieto, Qi Jin, **David Rainey**, Maria Coyle & Stefanos N. Kales (2019): Barriers and solutions to improving nutrition among fire academy recruits: a qualitative assessment, International Journal of Food Sciences and Nutrition, DOI:10.1080/09637486.2019.1570087



# DR. JOHN HOWARD RECEIVES THE 2018 HARRIET HARDY AWARD

Every year, the New England College of Occupational and Environmental Medicine (NECOEM) recognizes an "individual who exemplifies and advances the highest ideals of occupational and environmental medicine" by honoring them with the Harriet Hardy Award. Harriet Hardy was yet another female trailblazer in the realm of occupational medicine. Much of her work focused on the negative health effects of beryllium exposure, and in 1952 she created the U.S. Beryllium Case Registry. She also held leadership roles at the Atomic Energy Commission, United Mine Workers, and the National Institute for Occupational Safety and Health (NIOSH). Congratulations Dr. Howard!



*Pictured from left to right: **Kenji Saito**, MD, JD - **Ron Blum**, MD, FACOEM, FAAFP - **John Howard**, MD, MPH, JD, LLM, MBA - **Matt Lundquist**, MD, MPH, FACOEM, NEOEM President - **Bill Buchta**, MD, MPH, MS, FACOEM, ACOEM President.*

**John Howard, MD, MPH** (HSPH '82), JD, LLM, MBA 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. Department 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, and was reappointed for a third six-year term in 2015.

Prior to his appointments as NIOSH Director and WTC Health Program Administrator, 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 University 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; and a Master of Law in Administrative Law and Economic Regulation, and a Master of Business Administration in Healthcare Management, both degrees 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, policy and law.



# 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 that

**Albert Rielly, MD, MPH (OEMR 2012)** received the 2018 award of Outstanding Clinical Faculty and **Carmen Messerlian, PhD, MScPH** received the 2018 award of Outstanding Academic Faculty.

On behalf of the OEMR program, we would like to thank you both for your unwavering commitment to our residents and the OEMR program.



## **CONGRATULATIONS AL AND CARMEN!**

"One of the most important responsibilities we have as teachers and mentors is to nurture an environment where students are able to achieve their own sense of meaning and purpose to learning and where this purpose is the driving force to their accomplishments. It has been an honor and privilege to work with such a talented group of Occupational Medicine Residents. I am grateful and humbled to know I had a small part in helping you achieve your highest potential while at Harvard Chan. I will miss all of you dearly but I am here for you as a resource and network beyond your time at our magnificent school. Go confidently in the direction of your dreams."

Sincerely, Carmen



# SPECIAL RECOGNITION

The OEMR would like to recognize two phenomenal women who positively impact the clinical education of our residents, Drs. Laura Kogelman and Pamela Shienman. They have an abundance of knowledge, are highly efficient, and a pleasure to be around. Thank you, for the positive impact that you make on our program!

## DR. LAURA KOGELMAN, MD, FIDSA



**Laura Kogelman, MD, FIDSA** Director of the Infectious Diseases Clinic as well as the Director of the Traveler's Health Service. She is an attending physician in the Division of Infectious Diseases and Geographic Medicine at Tufts Medical Center and is an Associate Professor of Medicine at Tufts University School of Medicine. Dr. Kogelman is board certified in internal medicine and infectious diseases. Dr. Kogelman has been involved in caring for patients living with HIV since completing fellowship at Massachusetts General Hospital/Brigham and Women's Hospital Combined Infectious Disease fellowship program, with the second year focused

specifically and exclusively on HIV. She brought that expertise to Tufts Medical Center when she joined the division of Geographic Medicine and Infectious Disease in 2002. She has established a busy HIV practice and became the Director of the Infectious Disease clinic in 2008. The clinic provides services to more than 500 people living with HIV in the greater Boston area. In addition, she runs the Post-Exposure Prophylaxis program at Tufts, working closely with the senior ID Fellow, Employee Health and the Emergency Room to care for both Employees and Non-Employees who have had potential exposure to HIV. This care includes victims of sexual assault and those with high risk sexual exposure histories. As an expansion of this, she also provides Pre-Exposure Prophylaxis services to at-risk individuals. Her other major area of clinical interest is Travel and Tropical Medicine. She has been director of the Traveler's Health Service at Tufts since 2004 and completed additional training through the Gorgas course, based in Lima, Peru. She supervises all the fellows and occupational medicine residents as they rotate through travel clinic. In addition to her clinical duties, she is responsible for multiple didactic lectures for medical students, residents and fellows at Tufts and she has lectured on HIV and Travel Medicine at multiple institutions throughout Massachusetts. She has been a site PI for several multinational multi-center HIV clinical trials, and has collaborated on several clinical HIV and Travel Medicine studies, including NIH and NIMH funded projects.

## DR. PAMELA SHEINMAN



**Pamela Sheinman, MD** Associate Professor of Dermatology, Harvard Medical School, has an interest in the field of Contact Dermatitis and Occupational Dermatology. In 1994, she established a Contact Dermatitis and Occupational Dermatology Unit at Tufts Medical Center and then 20 years later, established a Contact Dermatitis and Occupational Dermatology Program and Fellowship at Brigham and Women's Hospital. Over the years she has diagnosed and treated thousands of tertiary care patients with the most refractory types of dermatitis, referred from physicians throughout United States and abroad. Her Fellowship is one of the handful of department-sponsored, GME-approved Contact Dermatitis and Occupational Dermatology Fellowships in the United States.

Dr. Scheinman has mentored dozens of medical students, residents and fellows over the years. Dr. Scheinman is actively involved in clinical research and is an invited lecturer nationally and internationally. She has been elected 3 times by vote of the national membership of the American Contact Dermatitis Society to leadership positions within that organization. She is currently section co-editor for the Occupational Dermatitis section of the Dermatitis journal. She has been interviewed for web-based and print publications, and on radio and TV for various contact dermatitis-related subjects.





# NECOEM 2018

This year's New England College of Environmental and Occupational Medicine (NECOEM) annual conference included contributions from the following residents and instructors:

**1) 2018-2019 Chief Resident, Leslie Cadet**

*Heart rate variability and performance of commercial airline pilots during flight simulations*

Oral Presentation

**2) Second Year Resident, Justin Yang**

*Push-ups as a predictor of future cardiovascular events and functional capacity: a 10-year retrospective cohort study*

Oral and Poster Presentation

**3) Residency Program Coordinator, Ann Backus (with Traci Brown)**

*The Future is Now: Women, Weight, and Work-related Asthma*

Poster Presentation





## 2018 GRADUATES



Michael S. Chin, MD, MPH (MPH '17, OEMR '18) is Chief Resident for 2017-2018. He is a native of Boston and a graduate of the Tufts University School of Medicine. He attended the University of Virginia with undergraduate majors in Psychology and East Asian Studies. He was previously a Plastic Surgery resident at the University of Massachusetts

Medical School, where he elected to take three years of dedicated research in radiation exposure. His basic science and clinical investigations in radiation led to an interest in public health and Occupational Medicine. His current research is focused on building stress resiliency and performance optimization. In his free time, he serves as an instructor of Systema Russian Martial Art, teaching his students the connections between mind, body, and psyche. Michael is currently an Assistant Professor of Clinical Medicine at Vanderbilt University and practices occupational medicine within their Occupational Medicine and Wellness Center



David Rainey, MD, MPH, MEd (MPH '17, OEMR '18) is from the Pacific Northwest and received his MD and M.Ed degrees from the University of Washington. Prior to medical school, he worked as a research assistant to an academic dermatologist renowned for her work on contact dermatitis, where he was first exposed to the field of occupational disease. David is interested in integrated workplace safety and wellness programs, and is currently conducting research on the use of nutrition interventions to decrease the risk of chronic disease among firefighters. His other interests include technology entrepreneurship, medical education, and the built environment. He is happily married and enjoying the adventure of raising three young children, with whom he enjoys playing music, tennis, biking, and exploring the great outdoors. Read about David's current career at CHA and Harvard Chan in the alumni highlight on page 8.

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Clifton J. Wilcox, MD, MPH (MPH '17, OEMR '18) received his MD from Eastern Virginia Medical School and his BA in Economics from University of Chicago. He completed his internal medicine internship at Allegheny General Hospital (Drexel) in Pittsburgh, PA. Cliff has practiced medicine in many different settings at home and abroad; he has also

held commercial pilot's license and flown with United Airlines Express, based out of Dulles and O'Hare, with approximately 3,000 flying hours. While growing up in greater Chicago, Cliff's father, a pediatric dentist, was one of his sources of inspiration to become a physician. He enjoys spending time with family and is an avid traveler, hiker and physical fitness enthusiast. Cliff is currently serving as the Superintendent of the Occupational Health Clinic at Naval Air Station (NAS) Jacksonville, FL.



# DONOR RECOGNITION

## \$5,000-\$7,000

- Drs. Samuel Forman '80 and Yulika E. Forman
- Dr. Stefanos Kales '93 and Ana Kales
- Ms. Nyla Medlock

## \$1,000-\$2,500

- New England College of Occupational and Environmental Medicine (NECOEM)
- Cambridge Public Health Commission

## Up to \$750

- Occupational and Environmental Health Network
- Dr. Glenn Pransky and Terry Snyder
- Dr. Hsien W. Hsu, SM '02
- Dr. Dean Hashimoto

Thank you to our Generous Supporters!

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**Mr. John Young**  
Environmental Health  
Harvard School of Public Health  
665 Huntington Ave  
Boston, MA 02115

## American College of Occupational and Environmental Medicine's AOHC 2019

Please join us at the American College of Occupational and Environmental Medicine's AOHC 2019 for an Alumni Reunion as we welcome current and former HSPH OEM residents in Anaheim, CA.

The dinner will take place on **Monday, April 29, 2019** at Tortilla Joe's in Downtown Disney. The start time will be announced to those who RSVP. If you are an OEMR alumnus, please RSVP to David Rainey, [davidrainey@mail.harvard.edu](mailto:davidrainey@mail.harvard.edu). We are looking forward to this year's conference and reunion!

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Best wishes to the OEM residents and graduates of the Harvard T.H. Chan  
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