

# Perspectives

From the Office of Faculty Development



Where the world comes for answers



HARVARD MEDICAL SCHOOL  
TEACHING HOSPITAL

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## **BCH President and CEO Kevin Churchwell, MD, Receives 2022 HMS Harold Amos Lifetime Diversity Achievement Award**

Congratulations to Kevin B. Churchwell, MD, Boston Children's President and CEO, on receiving the 2022 Harvard Medical School (HMS) Harold Amos Lifetime Diversity Achievement Award. The Award, was presented on March 31, 2022, as part of the HMS Howard, Dorsey, Still Lecture and Award Ceremony.

At the award ceremony, Dr. Churchwell was introduced by Valerie L. Ward, MD, MPH, Boston Children's Senior Vice President and Chief Equity and Inclusion Officer, and her introduction included remarks from Jean Emans, MD; Alan M. Leichtner, MD, MSHPEd; and Maxine Milstein, MBA, who lauded Dr. Churchwell's outstanding contributions: "Dr. Churchwell has been an advocate, a visionary leader, and an innovator in equity, diversity and inclusion initiatives, programs, and sustainable foundation building for pediatric health, and improving the health outcomes of the children, patients, families and communities that our hospital serves. He's done this work locally at Boston Children's, nationally at other medical centers, and essentially has impacted the world."

The keynote speaker for the award ceremony was André L. Churchwell, MD, whose lecture title was "Creativity and Applied Physics: A Way for Our Right and Left Brains to be Fully Engaged to Make Us Better Problem-Solvers." André L. Churchwell, MD, is the Levi Watkins, Jr., MD, Chair, Vice Chancellor for Equity, Diversity and Inclusion & Chief Diversity Officer for Vanderbilt University; Senior Associate Dean for Diversity Affairs, Vanderbilt University School of Medicine; Professor of Medicine (Cardiology); Professor of Radiology and Radiological Sciences; and Professor of Biomedical Engineering. Dr. André L. Churchwell is Dr. Kevin B. Churchwell's brother. The Awards ceremony can be viewed on YouTube: <https://www.youtube.com/watch?v=pvlBbUv1qL0>



**Kevin Churchwell, MD,  
President and CEO**

## **Jean Emans, MD, Receives 2022 HMS Joseph B. Martin Dean's Leadership Award for the Advancement of Women Faculty**

Jean Emans, MD, has been awarded the 2022 HMS Joseph B. Martin Dean's Leadership Award for the Advancement of Women Faculty. This award is a reflection of Dr. Emans' long-term involvement in advising, training, mentoring, and advancing opportunities for women and minority faculty and trainees. She has been instrumental in securing support for the OFD Career Development Fellowships which include designated awards for faculty who are primary caregivers. In addition to building and developing one of the largest Divisions of Adolescent Medicine nationally, Dr. Emans is the Founder and Director of the Children's Office of Faculty Development (OFD), which oversees 1600 faculty, part of whose mission is "to facilitate (faculty) career advancement and satisfaction and increase leadership opportunities, particularly for women and minorities." Under the direction of Dr. Emans, the OFD has spearheaded major initiatives to support the needs of women faculty at BCH, including addressing the dearth of women faculty in leadership positions, with the establishment of 2 groups: the Women Faculty Careers at BCH (WFC) Council and the WFC Advisors, reporting to senior BCH leadership. The award was announced at the HMS Faculty Meeting Monday May 9 at 4 PM and a celebration is being scheduled for September 2022.



**Jean Emans, MD, Director of the  
Office of Faculty Development,  
Emeritus Chief, Division of  
Adolescent /Young Adult Medicine**

## **BCH Faculty Nominated for the 2022 HMS Community Service Award**

Congratulations to the BCH faculty members who were nominated for the HMS 2022 Dean's Community Service Award; the Award honors faculty, trainees, and staff who are dedicated to community service.

### **Faculty Award Nominees:**

Naama Kanarek, PhD, Assistant Professor of Pathology  
Julia R. Koehler, MD, Assistant Professor of Pediatrics  
Jennifer Huang, MD, Associate Professor of Dermatology

## **My Boston Children's Story, by Nancy Andrews, MD, PhD, BCH Chief Scientific Officer**

### *Accepting Challenges and Searching for More*

It's great to be back at Boston Children's. As many know, I spent the first two decades of my career here – as a resident, hematology/oncology fellow, and then attending physician, HHMI investigator, and HMS faculty member. I left in 2007 for a new challenge, to serve as Dean of the Duke University School of Medicine. It was a demanding job, but also an opportunity to learn about areas of medicine and science that were outside my core expertise, and to lead a vibrant, complex and world class institution. I served two terms – long enough to accomplish what I intended – and then stepped down to devote time to mentoring other academic leaders and working with national organizations on issues that are important to me. Among other roles I became Chair of the Board of Directors of the American Academy of Arts and Sciences, helping to guide that organization through strategic moves to make it more relevant and impactful. My service to the American Academy broadened my knowledge and expertise even more, through stewardship of projects on democracy, higher education, the arts, and nuclear deterrence, among others. It was a privilege to have several years that I could devote to service and learning. I was starting to think about focusing my effort again when I was contacted about my current role – Executive Vice President and Chief Scientific Officer at Boston Children's. It was appealing for many reasons – it brings me back to pediatrics, capitalizes on my physician-scientist expertise, takes advantage of my passion for helping people develop their careers and returns me to my professional roots. An added benefit for both me and my husband – it gets us closer to our two adult children, both in Boston!



**Nancy Andrews,  
MD, PhD**

## **BCH Researchers Recognized in Affinivax's Success**

Congratulations to Richard Malley, MD, HMS Professor of Pediatrics; Fan Zhang, PhD, HMS Assistant Professor of Pediatrics and Yingjie Lu, PhD, HMS Assistant Professor of Pediatrics, all three in the BCH Division of Infectious Diseases, whose research served to form the basis for Affinivax, a company producing new vaccines. Affinivax has been acquired by GSK for \$2.1 billion with up to \$1.2 billion pertaining to future production milestones. Affinivax generated the Multiple Antigen Presenting System (MAPS) technology that creates broader immunity coverage. Dr. Zhang and Dr. Lu received OFD/BTREC/CTREC Career Development Fellowships, Dr. Zhang in 2015 and Dr. Lu in 2010.

## **John Emans, MD, Inducted into Pediatric Orthopedic Society of North America Hall of Fame**

John B. Emans, MD, HMS Professor of Orthopedic Surgery, was inducted into the Pediatric Orthopedic Society of North America (POSNA) Hall of Fame, a testament to his decades of clinical practice focusing on operative and non-operative pediatric spinal treatments, and his role as mentor and trainer to a generation of pediatric orthopedists. As Don Bae, MD, HMS Professor of Orthopedic Surgery, notes "'To me, Dr. Emans is the epitome of the academic pediatric orthopaedic surgeon and the kind of person we all aspire to be. . . He has taught me so much about pediatric orthopaedics and about being an honorable person, and we are all better because of his contributions to our lives."



**John Emans, MD**

## **BCH Faculty Elected to Academies**

CEO and President Kevin Churchwell and Nancy Andrews, MD, PhD, Chief Scientific Officer, announced in May that both Marsha Moses, PhD, and Leonard Zon, MD, have been elected to prestigious academies; in a memo to the BCH community Drs. Moses and Zon were lauded by hospital leadership for their achievements: "This year, the American Academy (of Arts and Sciences) has elected to their ranks, Marsha Moses, PhD, Director of Boston Children's Vascular Biology Program, recognizing her exceptional contributions to our understanding of the biochemical and molecular mechanisms that underlie the regulation of tumor development and progression." In addition, Leonard Zon, MD, Director of Boston Children's Stem Cell Program, has been elected to the National Academy of Sciences: "the founder and former president of the International Society for Stem Cell Research, Dr. Zon is recognized globally for his pioneering work in the fields of stem cell biology and cancer genetics."



**Marsha Moses, PhD**



**Leonard Zon, MD**

### Update from the BCH Office of Health Equity and Inclusion

The recipient of the 2022-2024 Boston Children's Pediatric Health Equity Fellowship, which is a dedicated faculty fellowship within the Harvard-wide Pediatric Health Services Research Fellowship Program, is **Elsa Treffeisen, MD**. Dr. Treffeisen is currently a clinical fellow in Allergy and Immunology at Boston Children's Hospital and a board-certified pediatrician; her start date as a faculty member is July 1, 2022. Her research interests focus on access to care and health outcomes in atopic dermatitis and food allergy, particularly in underrepresented and underserved populations.

**Oren Ganor, MD, FACS** has been selected to receive the 2022-2024 Diversity Inclusion and Community Partnership Faculty Fellowship from Harvard Medical School. Dr. Ganor, Assistant Professor at Harvard Medical School, is a plastic and reconstructive surgeon who specializes in complex reconstruction, microsurgery, and gender-affirming surgeries.

On May 23, 2022, the Office of Health Equity and Inclusion Grand Rounds was in honor of Asian American and Pacific Islander Heritage Month. The invited speaker was **Howard K. Koh, MD, MPH**. Dr. Koh is the Harvey V. Fineberg Professor of the Practice of Public Health Leadership, Harvard T. H. Chan School of Public Health and Harvard Kennedy School. His lecture title was: "Toward Healing and Health Equity for Asian Americans, Native Hawaiians and Pacific Islanders."



**Elsa  
Treffeisen,  
MD**



**Oren  
Ganor, MD,  
FACS**



**Howard Koh, MD, MPH**

### Yarden Fraiman, MD, Honored with Alpert Award

Yarden Fraiman, MD, HMS Instructor in Pediatrics in the BCH Division of Newborn Medicine, has been awarded the Academic Pediatric Association's (APA) Joel Alpert Award. The award honors the late Dr. Alpert, a former BCH faculty member and Chair of Pediatrics at Boston Medicine Center, and researchers dedicated to improving the health of underserved children through service, education, or advocacy.



**Yarden Fraiman, MD**

### Basic Science Corner, by Carla Kim, PhD, Professor of Genetics and Pediatrics

We are excited to announce that **Brielle Ferguson, PhD**, and **Marcos Simoes-Costa, PhD**, will be joining our research faculty in the Kirby Center of Neurobiology and the Department of Pathology, respectively. Dr. Ferguson is a systems neuroscientist whose long-term goal is to use a cell-to-systems approach to identify universal physiological signatures of cognitive impairments; Dr. Simoes-Costa's research group studies the gene regulatory networks that control cell identity and behavior during embryonic development. The hiring of these two outstanding scientists is a direct result of a collaborative faculty search initiated by HMS's basic science departments. Support from **David A. Williams, MD**, Former Chief Scientific Officer and Chief, Division of Hematology/Oncology, and **Christopher Walsh, MD, PhD**, Chair of BTREC and Chief, Division of Genetics, enabled BCH to participate in the collaborative search. Co-chairs of the Research EDI Steering Committee were instrumental in reviewing applications and meeting with the candidates. Participating in this search was a unique opportunity for BCH to share in our commitment to the Goals of our Declaration on Equity, Diversity and Inclusivity and the mission of the Sandra L. Fenwick Institute for Pediatric Health Equity and Inclusion.

**Research Engagement Committee:** Joseph Majzoub and Julie Nolan-Young hosted a meet-up session entitled "How do you attract and retain happy, productive lab members?" Joseph Italiano hosted a session on "How do you write a successful grant application?" A link to the recordings, slides, and supplemental materials can be found on the Engagement webpage on the intranet. Supplemental material includes On Being a Scientist: A Guide to Responsible Conduct in Research by the Institute of Medicine as well as Making the Right Moves: A Practical Guide to Scientific Management for Postdoc and New Faculty by the Burroughs Wellcome Fund and Howard Hughes Medical Institute. Please contact the Research Engagement Committee if you have any suggestions for additional topics.

### Christopher Walsh, MD, PhD, Receives Kavli Prize

Christopher Walsh, MD, PhD, HMS Bullard Professor of Pediatrics and Neurology and Chair of the BCH Division of Genetics, has received the 2022 Kavli Prize from the Norwegian Academy of Science and Letters that recognizes scientific breakthroughs in astrophysics, nanoscience, and neuroscience; the award provides 1 million in funding. Dr. Walsh's award derives from his innovative research in brain disorders that includes genetic mutations that correlate to epilepsy and the autism spectrum.

### Update from the Medical Library, by Chloe Rotman, MLIS, Manager. Library Services

The Medical Library is moving this summer! Our new home will be the soon-to-open Karp Commons. Come by to meet with the librarians, use the drop-in computers, work at the carrels, and enjoy a quiet space to work and reflect. We are maintaining all the services you're used to, in a more convenient, centralized location. Keep an eye on the Medical Library homepage (<http://web2.tch.harvard.edu/library/index.html>) for the most up to date information on our location.

## Congratulations to the 2022 OFD/BTREC/CTREC Fellowship Recipients!

Name, Department, Project
Mehdi Benamar, PhD; Instructor in Pediatrics, Immunology; Role of Notch3+ Regulatory T Cells in Multiple Sclerosis
Taek-Chin Cheong, PhD; Instructor in Pathology; Genome-wide identification of oncogenic fusions in human cancer
Kathleen Cullion, MD, PhD; Assistant Professor of Pediatrics, Medical Critical Care; Developing nanoparticle drug delivery systems for venous malformations
Darius Ebrahimi-Fakhari, MD, PhD; Instructor in Neurology; Functional Genomic Screen To Identify Novel Therapeutic Targets For Childhood-Onset Hereditary Spastic Paraplegia
Jessica Kremen, MD; Instructor in Pediatrics, Endocrinology; Understanding experiences with “detransition” and cessation of gender-affirming treatment (CGAT) in a large pediatric gender clinic
Jing Li, PhD; Instructor in Biological Chemistry and Molecular Pharmacology, PCMM; Activation mechanisms of latent TGF- $\beta$ 1 by integrins $\alpha$ V $\beta$ 6 and $\alpha$ V $\beta$ 8
Nina Mann, MD; Instructor in Pediatrics, Nephrology; Discovery of Novel Monogenic Causes of Voiding Dysfunction
Stefanie Schmieder, PhD; Instructor in Pediatrics, GI-Nutrition; Structure and Function of Glycosphingolipid-enriched Apical Membrane Nanodomains in Innate Host Defense
Steven Siegel, MD, PhD; Instructor in Pediatrics (7/1/2022), Infectious Diseases; Personalizing COVID-19 Protection in Stem Cell Transplant Patients
Tregony Simoneau, MD; Assistant Professor of Pediatrics, Pulmonary; Improving Asthma Morbidity by Virtual Home Visits for Children with Severe Asthma
Hatim Thaker, MD; Instructor in Surgery, Urology; Functional assessment of novel Botox strategies to improve neurogenic bladder treatment
Puja J. Umaretiya, MD; Clinical Fellow (Instructor, 7/1/22), Hematology-Oncology; Reducing Inequities Through Systematic Social Needs Screening in Pediatric Palliative Care
Richard Voit, MD, PhD; Instructor in Pediatrics, Hematology-Oncology; Mechanisms of MECOM network co-regulation in the transcriptional control of AML
Franziska Wachter, MD; Instructor in Pediatrics (7/1/2022), Hematology-Oncology; A Pilot Study to evaluate the Feasibility and Tolerability of post-hematopoietic stem cell transplant prophylaxis with Decitabine combined with Filgrastim for children and young adults with AML, MDS and related myeloid malignancies.
Jia Zhu, MD; Instructor in Pediatrics, Endocrinology; Genetic Dissection of the Pathophysiology of Polycystic Ovary Syndrome

### Congratulations to this year's recipients of the Medical Staff Organization's Faculty Innovated Research Award

**Sarah Goldberg, MD, Instructor in Pediatrics, Department of Cardiology**

*Implementation and outcomes of a comprehensive delirium screening, prevention, and management initiative in the pediatric cardiac intensive care unit*

**Suzanna Hirsch, MD, Clinical Fellow in Pediatrics, GI-Nutrition**

*Gastric ultrasound as a novel, non-invasive method for evaluating gastric emptying*

**Philip Levy, MD, Assistant Professor of Pediatrics, Newborn Medicine**

*Neurodevelopmental and Socio-emotional Outcomes among Preterm Infants with Congenital Heart Disease*

**Elise Schlissel Tremblay, MD, MPH, Instructor in Pediatrics, Endocrinology**

*A Pilot Study of the Feasibility, Acceptability, and Efficacy of a Patient Navigator in a Type 1 Diabetes Clinic*

**Bistra Vlassakova, MD, Assistant Professor of Anesthesia, Critical Care and Pain Medicine**

*Resilience and quality of life - a pilot program for clinicians geared toward improving wellbeing and life balance*

## Wellness Tips by Faculty for Faculty, by Lois K. Lee, MD, MPH; Associate Professor of Pediatrics and Emergency Medicine, Division of Emergency Medicine

### Hiking Excursions

Spending time outdoors while getting exercise is one way to spend quality time with family and friends. Sometimes this can be an impromptu walk in the neighborhood or nearby walking trail. At other times this can be a scheduled hike either locally or when travelling. In addition to my own children, I like to hike with my 9 year old nephew. Some of our favorite places to hike are:

- Blue Hills, Massachusetts
- West Rattlesnake, New Hampshire
- Mount Major, New Hampshire
- White Mountains, New Hampshire
- Beehive Basin, Big sky, Montana



Lois Lee, MD, MPH, and her son enjoying a wilderness hike

## Make Monday Magical

### Tips for creating a better, smoother Monday: Walking and Talking Neighborhood Strolls

Walking and talking on a daily basis with your teen or young child can be both a communication and fitness enhancer. Set aside 45 minutes on these long summer days to explore your neighborhood with family members and try to refresh your local vision on Monday: admire gardens; study plants (even sidewalk weeds); take note of the architecture of houses (modern? traditional? hybrid?); and make plans to walk slightly divergent routes each day of the week. On the route, you might find that talking becomes easier as your muscles relax!

## WFC Women's Council and WFC Advisors: Jean Emans, MD – Chair Please email [ofd@childrens.harvard.edu](mailto:ofd@childrens.harvard.edu) for information on these committees



### WFC Council:

Andrea Bauer, MD  
Laurie Fishman, MD  
Susan Goobie, MD  
Ingrid Holm, MD, MPH  
Carla Kim, PhD  
Margaret Kenna, MD, MPH  
Maitreyi Mazumdar, MD, MPH  
Mary Mullen, MD, PhD  
Lise Nigrovic, MD, MPH  
Nicole Ullrich, MD, PhD  
Valerie Ward, MD, MPH  
Joanne Wolfe, MD, MPH

### WFC Advisors:

Theresa Becker, DO  
Hong Chen, PhD  
Ming-Hui Chen, MD  
Sangita Choudhury, PhD  
Christy Cummings, MD  
Lynne Ferrari, MD  
Lindsay Frazier, MD  
Carly Guss, MD, MPH  
Emma Knowles, PhD  
Lois Lee, MD, MPH

### WFC Advisors, cont.

Rebekah Mannix, MD, MPH  
Amy O'Connell, MD, PhD  
Elizabeth Rider, MD, MSW  
Christiana Russ, MD  
Sarah Teele, MD  
Sara Toomey, MD, MPH  
Paula Watnick, MD, PhD  
Carol Weitzman, MD

## Director's Perspectives, by S. Jean Emans, Director of the Office of Faculty Development

The Office of Faculty Development would like to thank our many contributing columnists who have offered news, announcements, updates, tips, and insights to our faculty these past few years. The information from the Office of Health Equity and Inclusion, the Medical Library, the Hospital Archives, wellness experts, BCH leaders and our talented women faculty have provided much support through the pandemic and generated a sense of community. In this issue, our new Chief Scientific Officer, Nancy Andrews, MD, PhD, reflects on her career and how she has searched for challenges. Please let us know how we can continue to be responsive to faculty concerns.

## Staff Notes

**Maxine Milstein, MBA**, has been promoted to Program Director, Office of Faculty Development (OFD) at Boston Children's Hospital. Maxine has been at BCH for over 15 years and is extensively involved in interdisciplinary programming, preparing booklets on Mentoring and Developmental Networks, co-directing HMS-wide educational courses, and collaborating with the Office of Fellowship training and the Office of Health Equity and Inclusion.

**Sierra Thorne** joined Boston Children's Hospital in April 2022 as the new Senior Administrative Associate for both the Office of Health Equity and Inclusion and the Sandra L. Fenwick Institute for Pediatric Health Equity and Inclusion.