

SPEED DATING SESSION

FRIDAY, NOVEMBER 15, 2019 | 3:30 PM – 4:30 PM



Mary Chen, MS, MBA - Table #1
Executive Director, Stanford MCHRI
Asst. Dean, Maternal Child Health Research

Mary Chen, MS, MBA, is the Executive Director of the Stanford Maternal and Child Health Research Institute, and the Assistant Dean of Maternal and Child Health Research at Stanford University School of Medicine. After completing her master's degree in molecular microbiology and immunology at Johns Hopkins University School of Public Health, Ms. Chen began her career at Stanford as a research associate in cardiovascular medicine where she studied the genetic markers of atherosclerosis. Ms. Chen led a project comparing the transcription profiles of heart tissues from patients before and after receiving a left ventricular assist device. This work led to the discovery of a key modulator in heart failure called Apelin and subsequent generation of the Apelin knockout mouse model for further research in heart failure.

Ms. Chen joined Pediatrics in 2006 and began focusing her efforts in supporting maternal and child health research. Her interests in integrating the principles of business management and the rigors of scientific discovery led her to pursue a second master's degree in business administration at Santa Clara University. Ms. Chen and the MCHRI team have built a robust foundation for a clinical and research support office specialized in maternal child health, including a dedicated research coordinator pool, study management services, and various mechanisms of research funding for faculty and trainees. Ms. Chen continues to work with school leaders with the goal of building appropriate infrastructure to support maternal and child health research at Stanford. She leverages her understanding of the translational research process and her business skills, ensuring that clinical and translational research needs are adequately addressed.



Hugh O'Brodovich, MD, FRCP(C) – Table #2
Arline and Pete Harman Professor of Pediatrics, Emeritus

Hugh O'Brodovich, MD FRCP(C) is the Arline and Pete Harman Professor of Pediatrics (Emeritus) at the Stanford School of Medicine. He was the chair of the Department of Pediatrics at Stanford University School of Medicine and the Adalyn Jay Physician in Chief at Lucile Packard Children's Hospital from January 2008 through June 2016. Prior to his arrival at Stanford University he was the Chair of Paediatrics at the University of Toronto and the Paediatrician in Chief at the Hospital for Sick Children (SickKids) during which time he was the inaugural President of the Pediatric Chairs of Canada. In 2010 he became the inaugural Director of the Stanford Child Health Research Institute. His laboratory conducted research on how the lung's airspaces become fluid filled (mechanisms of pulmonary edema) and how airspace fluid is cleared under both physiologic (fetal lung liquid at birth) and pathophysiologic (pulmonary edema) conditions.

His most recent research involved population-based studies to discover genetic influences on the development of bronchopulmonary dysplasia and the long term outcomes of neonatal lung disease. Dr. O'Brodovich has been the Chair of the Pediatric Pulmonology Sub-Board of the American Board of Pediatrics, an Associate Editor of the American Review of Respiratory Disease, Editor of Pediatric Research, member of the editorial board of the American Journal of Physiology and President of the Fleischner Society. He served on the Council of the American Pediatric Society from 2011 to 2016. He has published 176 peer reviewed manuscripts and 23 book chapters and was elected as a Fellow of both the Canadian Academy of Health Sciences and the American Association for the Advancement of Science. He is a consultant for Shire Human Genetics Inc., serves on the Scientific Advisory Board of Beyond Air Therapeutics and is a member of the Boards of Directors for Headwaters Health Care Centre and Cystic Fibrosis Canada.



Jeremy Dahl, PhD – Table #3
Associate Professor of Radiology

Jeremy Dahl, Ph.D, is an associate professor of Radiology in the Pediatric Radiology division. His laboratory develops and implements ultrasonic beamforming methods, ultrasonic imaging modalities, and develops ultrasonic imaging systems and devices. His research focuses on developing high-quality ultrasound images and novel ultrasound imaging methods. Projects in his laboratory include high-sensitivity flow imaging in the neonatal brain, a tomographic ultrasound system for pediatric abdominal imaging, neural network beamforming for improved image quality, molecular imaging of early cancer, and sound speed estimation in the liver as a surrogate for fat quantification. His lab attempts to build many these imaging methods into real-time imaging systems in order to apply them clinically.



Erin Gibson, PhD – Table #4

Basic life Research Scientist, Neurology & Neurological Sciences

Erin Gibson received her Bachelors of Science from Duke University in 2005 majoring in Psychology/Neuroscience. She received her PhD under Dr. Lance Kriegsfeld at University of California, Berkeley in 2011 studying the role of the circadian system in homeostatic processes, including neuroendocrine, immune and neural stem cell regulation. As a postdoctoral scholar in the lab of Dr. Michelle Monje at Stanford University, Dr. Gibson studied the effect of in vivo neuronal activity on myelin microstructure in health and disease such as the dysmyelinating disorder associated with chemotherapy-related cognitive impairment. As of January 2020, Dr. Gibson will be an Assistant Professor at Stanford in the Department of Psychiatry and Behavioral Sciences and the Stanford Center for Sleep Sciences and Medicine. Her lab will focus on understanding how glia cells modulate neural circuits throughout development and in diseases such as autism, multiple sclerosis, and chemotherapy-related cognitive impairment. Specifically, the Gibson lab will aim to discern how the circadian system influences glial form and function throughout life.



Bonnie Halpern-Felsher, PhD – Table #5

Professor of Pediatrics (Adolescent Medicine);

Dr. Halpern-Felsher is a developmental psychologist whose research has focused on cognitive and psychosocial factors involved in adolescents' and young adults' health-related decision-making, perceptions of risk and vulnerability, health communication, and risk behavior. Her research has focused on understanding and reducing health risk behaviors such as tobacco use, alcohol and marijuana use, risky driving, and risky sexual behavior. Her research has been instrumental in changing how providers discuss sexual risk with adolescents and has influenced national policies regulating adolescent and young adult tobacco use. As part of the Tobacco Center's of Regulatory Science (TCORS), she is the PI on an NIH/NCI and FDA-funded longitudinal study examining adolescents' and young adults' perceptions regarding as well as initiation, continuation, and cessation of current and new tobacco products, including e-cigarettes and smokeless tobacco. Dr. Halpern-Felsher is also the founder and director of the Tobacco Prevention Toolkit, an online curricular aimed at reducing and preventing youth tobacco use.

Dr. Halpern-Felsher's research and committee work have been instrumental in setting policy at the local, state, and national level. In California, Dr. Halpern-Felsher's research was cited in support of school-based tobacco education initiatives within California's Tobacco Education Research Oversight Committee's 2012 Masterplan, and again in their 2017 Masterplan. This Masterplan sets funding priority areas for research, education and intervention for California. Dr. Halpern-Felsher is also collaborating with the California Department of Education to develop, implement and evaluate new school-based tobacco prevention and education materials. At the national level, Dr. Halpern-Felsher's research was highlighted in the 2012 Surgeon General Report, "Preventing Tobacco Use among Youth and Young Adults," and Dr. Halpern-Felsher contributed to the chapter on Clinical interventions: The role of health care providers in the prevention of youth tobacco use. Dr. Halpern-Felsher has been a member of five Institute of Medicine, National Academies of Sciences committees focusing on adolescent and young adult health risk behavior. She has served on the Board of Directors of the Society for Adolescent Health and Medicine and currently serves on the Council for the Society for Pediatric Research (SPR), and Co-Chairs the SPR Mentoring Committee. In 2007, Dr. Halpern-Felsher became one of the Program Directors for the NIH/NIDDK-funded Short-Term Research Experience for Underrepresented Persons (STEP-UP), High School Program. She has received two NIH 5-year grants to coordinate this program thus far. For this Step-Up Program, Dr. Halpern-Felsher mentors and supervises 22-25 junior and senior high school students each year. These high school students are recruited throughout the country, and conduct their 8-10 weeks of research in their hometown. In addition to mentoring high school students, Dr. Halpern-Felsher has been a mentor to over 75 graduate and medical students and postdoctoral fellows.



Jonathan Bernstein, MD, PhD – Table #6

Associate Professor of Pediatrics (Medical Genetics)

Dr. Bernstein is an Associate Professor of Pediatrics at the Stanford School of Medicine and Chief of the Division of Medical Genetics. He received his MD and PhD in genetics from Stanford. After graduation he completed residency training in pediatrics and then medical genetics. He joined the faculty at Stanford in 2008. His research focuses on the diagnosis, management and discovery of rare genetic syndromes with an emphasis on developmental disorders. Dr. Bernstein's clinical work encompasses his practice as a medical geneticist and medical direction of the Stanford Cleft and Craniofacial Center.



Kara Davis, DO – Table #7
Assistant Professor of Pediatrics (Hematology/Oncology)

Kara Davis, D.O. is an Assistant Professor of Pediatrics in the Division of Hematology and Oncology. Dr. Davis obtained her B.A. from Pennsylvania State University and her D.O. from the Philadelphia College of Osteopathic Medicine. Clinically, she completed her training in Pediatrics at Thomas Jefferson University/A.I. DuPont Children’s Hospital and her Heme/Onc fellowship at Lucile Packard Children’s Hospital at Stanford. During her fellowship training, Kara worked in the laboratory of Garry Nolan, Ph.D. where she utilized single-cell, high-dimensional analysis platforms to study healthy human B cell development and B cell leukemia. Her research focuses on using single-cell analysis to organize tumor heterogeneity in pediatric cancers, especially blood cancers, as means to determine cell populations associated with clinical risks such as relapse. Clinically, Dr. Davis sees patients with leukemia and is involved with the Cancer Cellular Therapies program with experience in treating children with chimeric antigen receptor (CAR) T-cells and other immunotherapies including checkpoint inhibitors.



Mary Leonard, MD, MSCE – Table #8
Arline and Pete Harman Professor and Chair of the Department of Pediatrics; Director, Stanford Maternal & Child Health Research Institute

Mary Leonard, MD, MSCE, is the Arline and Pete Harman Professor and Chair of the Department of Pediatrics at Stanford University School of Medicine and the Adalyn Jay Physician in Chief at Lucile Packard Children’s Hospital Stanford. She assumed these positions on July 1, 2016. Energetic and collaborative, Dr. Leonard is a compassionate clinician and researcher who cares deeply about improving the health and well-being of children everywhere. A graduate of the Stanford University School of Medicine, Mary returned to Stanford Medicine in 2014 after spending 25 years at the Children’s Hospital of Philadelphia and the University of Pennsylvania. At Stanford, her multi-disciplinary research program is focused on the impact of chronic diseases on bone metabolism and nutrition across the life span. Mary directs the innovative and trans-disciplinary child and maternal health research and training initiatives of the Stanford Maternal & Child Health Research Institute.

Mary is a distinguished investigator, an expert clinician, and a respected mentor who embodies the academic and integrated mission of Stanford Medicine. A member of the Precision Health Committee, she is committed to Stanford Medicine’s vision of proactive and personalized health care and has been at the forefront of efforts to integrate Precision Health approaches and skills into our training programs.



Avnesh Thakor, MD, PhD – Table #9
Assistant Professor of Radiology

Dr. Thakor is an Interventional Radiologist who also runs a translational research laboratory focusing on Interventional Regenerative Medicine and islet transplantation. His focus is on mesenchymal stem cells, bioscaffold and nanoparticle development and locoregional approaches for therapeutic delivery. He is also a Biodesign fellow and works on the development of medical devices for various unmet needs.



David Maahs, PhD – Table #10
Professor of Pediatrics (Endocrinology)

Dr. David M. Maahs is Professor of Pediatrics and Division Chief of Pediatric Endocrinology at Stanford University and the Lucile Packard Children’s Hospital. He earned his MD followed by Pediatric Residency at the University of New Mexico. Dr. Maahs is the Associate Director for the recently formed and NIDDK P30 funded Stanford University Diabetes Research Center.

His scholarly interest is improving care and preventing complications in people with type 1 diabetes (T1D). Along with Dr. Peter Chase, he is author of the 12th and 13th editions of Understanding Diabetes, or ‘Pink Panther,’ which are the most widely used educational books for children newly diagnosed with T1D, distributed internationally by the Juvenile Diabetes Research Fund (JDRF). More specifically, he has conducted epidemiologic studies that help generate hypotheses for clinical studies, including trials to develop artificial pancreas systems to improve glucose control, lower disease burden, and prevent diabetic complications. He is author or co-author of over 250 research publications. His multi-disciplinary research has been funded by the JDRF, the National Institutes of Diabetes and Digestive and Kidney Diseases (NIDDK), the Helmsley Charitable Trust, and the National Science Foundation (NSF).



Gary Darmstadt, MD, MS – Table #11

Associate Dean for Maternal and Child Health, and Professor of Pediatrics (Neonatal & Developmental Pediatrics)

Gary L. Darmstadt, MD, MS, is Associate Dean for Maternal and Child Health, and Professor of Neonatal and Developmental Pediatrics in the Department of Pediatrics at the Stanford University School of Medicine. Previously Dr. Darmstadt was Senior Fellow in the Global Development Program at the Bill & Melinda Gates Foundation (BMGF), where he led a cross-foundation initiative on Women, Girls and Gender, assessing how addressing gender inequalities and empowering women and girls leads to improved gender equality as well as improved health and development outcomes. Prior to this role, he served as BMGF Director of Family Health, leading strategy development and implementation across nutrition, family planning and maternal, newborn and child health.

Dr. Darmstadt was formerly Associate Professor and Founding Director of the International Center for Advancing Neonatal Health in the Department of International Health at the Johns Hopkins Bloomberg School of Public Health. He has trained in Pediatrics at Johns Hopkins University, in Dermatology at Stanford University, and in Pediatric Infectious Disease as a fellow at the University of Washington, Seattle, where he was Assistant Professor in the Departments of Pediatrics and Medicine. Dr. Darmstadt left the University of Washington to serve as Senior Research Advisor for the Saving Newborn Lives program of Save the Children-US, where he led the development and implementation of the global research strategy for newborn health and survival, before joining Johns Hopkins.



Anthony Oro, MD, PhD – Table #12

Eugene and Gloria Bauer Professor of Dermatology; Co-Director, Stanford Maternal & Child Health Research Institute

Anthony E. Oro, M.D., Ph.D., is the Eugene and Gloria Bauer Professor of Dermatology, Associate Director of the Center for Definitive and Curative Medicine, and the co-director of the Stanford Maternal & Child Health Research Institute. He is co-founder of the Program in Epithelial Biology, and an active member of the Institute for Stem Cell Biology and Regenerative Medicine, Maternal & Child Health Research Institute, Bio-X, and the Program in Cancer Biology. His research interests encompass cancer genomics and tumor evolution, stem cell biology and hair/skin development and regeneration, and definitive molecular and cellular therapeutics. His clinical interests include hair biology, non-melanoma skin cancer, and stem cell-based therapies for genetic skin diseases.

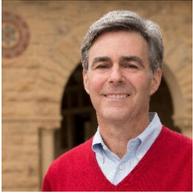


Manpreet Singh, MD, MS – Table #13

Associate Professor of Psychiatry & Behavioral Sciences (Child & Adolescent Psychiatry)

Dr. Singh is Associate Professor of Psychiatry and Behavioral Sciences, and Director of the Pediatric Mood Disorders Program in the Division of Child and Adolescent Psychiatry at Stanford. Her time is divided among the clinical, research, and teaching missions of department. She directs Stanford's Pediatric Mood Disorders Program, which is an integrated multidisciplinary clinic that aims to treat youth with a spectrum of mood disorders along a developmental continuum. She leads a team of child and adolescent psychiatrists, psychologists, child and adolescent psychiatry fellows, clinical and research postdoctoral fellows, residents, medical students, and research coordinators. Her research focuses on investigating the origins and pathways for developing mood disorders during childhood, as well as methods to protect and preserve function before and after the onset of early mood problems.

Dr. Singh's research team (Pediatric Emotion And Resilience Lab) conducts innovative research examining the neural, cognitive, and genetic underpinnings of pediatric mood disorders. She has extensive experience with multi-level investigations involving children and families, as well as clinical, neuroimaging, and dimensionally-based behavioral assessments. She completed her NIMH career development award that characterizes emotion regulation in healthy offspring of parents with bipolar disorder, and has been leading three independent NIMH funded studies examining the mechanisms of mood and other psychiatric disorders and their treatments among youth. She is extensively involved in collaborations aimed to investigate methods of treating problems associated with and leading up to mood disorders in youth. Specifically, she is examining the benefits of family focused psychotherapy, mindfulness meditation, and medications in youth with or at risk for mood disorders to reduce mood symptoms and family stress. She has also been reviewing the neural effects of medication and psychotherapy in youth. These areas of research hold considerable promise to impact our understanding of the core mechanisms and early interventions for pediatric onset mood disorders.



Thomas Robinson, MD, MPH – Table #14

Irving Schulman, M.D. Endowed Professor in Child Health and of Pediatrics (General Pediatrics) and of Medicine (Stanford Prevention Research Center)

Dr. Robinson designs solutions to improve health and well-being of children, families, and the planet. Dr. Robinson originated the solution-oriented research paradigm and directs the Stanford Solutions Science Lab. He is known for his pioneering obesity prevention and treatment research, including the concept of stealth interventions. His research applies social cognitive models of behavior change to behavioral, social, environmental and policy interventions for children and families in real world settings, making the results relevant for informing clinical and public health practice and policy. His research is largely experimental, conducting rigorous school-, family- and community-based randomized controlled trials. He studies obesity and disordered eating, nutrition, physical activity/inactivity and sedentary behavior, the effects of television and other screen time, adolescent smoking, aggressive behavior, consumerism, and behaviors to promote environmental sustainability. He is published widely in the scientific literature and a frequent appointee to expert and advisory panels for leading national and international scientific and public health agencies and organizations. Dr. Robinson also teaches undergraduate and graduate students at Stanford, and practices Pediatrics at Lucile Packard Children's Hospital. He received his B.S. and M.D. from Stanford University and his M.P.H. from the University of California, Berkeley. He trained in Pediatrics at Children's Hospital, Boston and Harvard Medical School.



Philip Pizzo, MD – Table #15

David and Susan Heckerman Professor and Founding Director of the Stanford Distinguished Careers Institute

Philip Pizzo, MD, is the David and Susan Heckerman Professor and Founding Director of the Stanford Distinguished Careers Institute. Pizzo served as Dean of the Stanford School of Medicine from April 2001 to December 1, 2012, where he was also the Carl and Elizabeth Naumann Professor of Pediatrics and of Microbiology and Immunology. Dr. Pizzo has devoted much of his distinguished medical career to the diagnosis, management, prevention and treatment of childhood cancers and the infectious complications that occur in children whose immune systems are compromised by cancer and AIDS. He has also been a leader in academic medicine, championing programs and policies to improve the future of science, education and healthcare in the US and beyond.

Pizzo received his MD degree with Honors and Distinction in Research from the University of Rochester in 1970, and completed an internship and residency at Children's Hospital Medical Center in Boston, a teaching fellowship at Harvard Medical School, and a clinical and research fellowship in pediatric oncology at the National Cancer Institute. Pizzo served as head of the Institute's infectious disease section, chief of the NCI's pediatric department, and acting scientific director for NCI's Division of Clinical Sciences between 1973 and 1996. Before joining Stanford in 2001, he was the physician-in-chief of Children's Hospital in Boston and Chair of the Department of Pediatrics at Harvard Medical School, where he was also the Thomas Morgan Rotch Professor of Pediatrics. Dr. Pizzo is the author of more than 615 scientific articles and 16 books and monographs, including Principles and Practice of Pediatric Oncology, the Seventh Edition of which was published in 2015.



Virginia Winn, MD, PhD – Table #16

Associate Professor of Obstetrics & Gynecology (Reproductive and Stem Cell Biology)

Dr. Virginia D. Winn MD, PhD is a physician-scientist board certified in Obstetrics and Gynecology and Maternal-Fetal Medicine (MFM) with a PhD in Biochemistry. She is an Associate Professor of Obstetrics and Gynecology, Director of Perinatal Biology and runs research program that focuses on improving the health of mothers and their offspring.

Central to this goal are her investigations of human placental development and the obstetrical complications associated with placental dysfunction. Studies focus predominately on the pregnancy-specific condition known as preeclampsia. Dr. Winn has a passion for mentoring having mentored 40+ undergraduates, medical students, graduate students, post docs, residents and MFM Fellows on research projects. She mentors from the perspective of a physician-scientist running a successful basic and translational research program, while continuing to practice Maternal-Fetal Medicine.

Speed Dating Table Assignments

