

17th Annual NIH Pain Consortium Symposium
on Advances in Pain Research
Pain Management Through the Lens of Whole Person Health
June 1-2, 2022
ZoomGov

Speaker Biographies
(Alphabetical Order)

Sawsan As-Sanie, MD, MPH

Sawsan As-Sanie, MD MPH is an Associate Professor with tenure, Co-Chief of Gynecology, Director of the Minimally Invasive Gynecologic Surgery Program and Fellowship, and Director of the Endometriosis and Chronic Pelvic Pain Program at the University of Michigan. She is a Past-President of the International Pelvic Pain Society (IPPS), an elected member of the American Gynecological & Obstetrical Society (AGOS), Society for Gynecologic Surgeons (SGS), an Ambassador for the World Endometriosis Society (WES) and is currently Vice-Chair of the ASRM Endometriosis Special Interest Group. She is also a member of the Society of Women's Health Research Interdisciplinary Network on Female Pelvic Health and serves on the editorial board of the *Journal of Minimally Invasive Gynecology*. Dr. As-Sanie is an NIH-funded clinician scientist and is committed to improving the healthcare of women with chronic pelvic pain and endometriosis by pursuing clinical and translational research in the epidemiology, neurobiology, and treatment of endometriosis and other pelvic pain disorders.

Lauren Y. Atlas, PhD

Lauren Y. Atlas, Ph.D., is a Tenure-track Investigator at the National Institutes of Health and Chief of the Section on Affective Neuroscience and Pain in the National Center for Complementary and Integrative Health's Intramural Research Program. She also holds joint appointments with the National Institute of Mental Health (NIMH) and the National Institute on Drug Abuse (NIDA). She received her PhD from Columbia University in 2011 and completed her postdoctoral fellowship at NYU in the Department of Psychology. Her laboratory uses a multimodal approach to characterize the psychological and neural mechanisms by which expectations and other cognitive and affective factors influence pain, emotional experience, and clinical outcomes.

Daniel J. Bauer, PhD

Dan Bauer is a Professor and the Director of the L.L. Thurstone Psychometric Laboratory in the Department of Psychology and Neuroscience at the University of North Carolina. His research interests lie at the intersection of quantitative and developmental psychology, particularly the development of problem health-related behaviors over childhood and adolescence. He has published over 100 scientific papers, been principal investigator on grants from the National Institutes of Health and National Science Foundation and served as Associate Editor for *Psychological Methods* and on the editorial boards of several other journals. He received early career awards from the Society for Multivariate Experimental Psychology in 2004 and the American Psychological Association in 2009. He teaches both graduate- and undergraduate-level courses in statistical methods, for which he has won teaching awards from the University of North Carolina and from the American Psychological Association. Endeavoring to make advanced statistical techniques more accessible, Dan co-founded CenterStat.org and has spent the last 15 years developing and teaching workshops on a variety of topics in both the United States and abroad, including multilevel modeling, mixture modeling, longitudinal data analysis, structural equation modeling, latent curve analysis, missing data analysis, measurement, and integrative data analysis.

Ardith Z. Doorenbos, PhD, RN, FAAN

Ardith Z. Doorenbos is a Professor in the Department of Biobehavioral Nursing Science, College of Nursing at the University of Illinois Chicago. Dr. Doorenbos' research is centered on pain and symptom management. Her grant portfolio is funded by the National Institute of Health, Congressionally Directed Medical Research Programs, and other professional sources. She has sustained record of over 150 peer-reviewed, data-based publications in nursing and multidisciplinary journals. In 2010, she was named a Fellow of the American Academy of Nursing and in 2018, was inducted into the Sigma Theta Tau, International Nurse Researcher Hall of Fame.

Rena N. D'Souza, DDS, MS, PhD

Dr. Rena D'Souza is the Director of the National Institute of Dental and Craniofacial Research, National Institutes of Health. She is deeply committed to the organization's mission — advance fundamental knowledge about dental, oral, and craniofacial health and disease and translate these findings into prevention, early detection, and treatment strategies that improve overall health for all individuals and communities across the lifespan.

As the director of NIDCR, Dr. D'Souza oversees the institute's annual budget of approximately \$485 million, supporting basic, translational, and clinical research in areas of oral cancer, orofacial pain, tooth decay, periodontal disease, salivary gland dysfunction, and the craniofacial development and the oral complications of systemic diseases.

Prior to becoming NIDCR's director, Dr. D'Souza served at the University of Utah as Assistant Vice President for Academic Affairs and Education for the Health Sciences. She held the Ole and Marty Jensen endowed chair in the School of Dentistry that she led as inaugural dean. As a clinician-scientist, D'Souza has been strongly committed to discovery and mentoring throughout her academic career. She is past president of the American Association for Dental Research (AADR) and the International Association for Dental Research (IADR).

Dr. D'Souza has authored over 150 publications and book chapters in the areas of craniofacial development, matrix biology and tissue regeneration for over 30 years. She is a Fellow of AAAS and also of AADR. She received the 2010 Presidential Award for Research Excellence from the Texas A&M Health Science Center and was inducted into the German National Academy of Sciences in 2012. Columbia University College of Dental Medicine's awarded Dr. D'Souza the Birnberg Research Medal in 2016. She also received the IADR Distinguished Scientist Award in Pulp Biology Research in 2002 and the Irwin D. Mandel Distinguished National Mentoring Award in 2017.

Dr. D'Souza is active on several trans-NIH committees and maintains an active research laboratory in the National Institute of Child Health

Eli Eliav DMD, PhD

Dr. Eliav is a professor and the Director of the Eastman Institute for Oral Health, Vice President for Oral Health at the University of Rochester Medical Center and the Vice Dean for Oral Health within its School of Medicine and Dentistry. Dr. Eliav was previously the Chair of the Department of Diagnostic Sciences, the Director of the Center for Temporomandibular Disorders and Orofacial Pain and Carmel Endowed chair in Algesiology at Rutgers School of Dental Medicine, part of Rutgers University.

Eli earned his Dental Degree, MSc and PhD from the Hebrew University and Hadassah in Jerusalem. He specialized in Oral Medicine at the Hebrew University, Hadassah Jerusalem, Israel and trained in Clinical and Basic Science Research Program in the National Institute of Health Bethesda, Maryland, USA.

He is the Editor in Chief of Quintessence International and an associate Editor of the Journal of oral-Facial Pain and Headache.

His research is focusing on orofacial pain, quantitative sensory testing, neuropathic pain, pain modulation, transition from acute to chronic pain and the role of inflammation in neuropathic pain.

Patrick H. Finan, PhD

Patrick H. Finan, PhD, is an Associate Professor of Psychiatry & Behavioral Sciences at Johns Hopkins University School of Medicine. He is a licensed clinical pain psychologist and expert in cognitive, behavioral, and affective mechanisms and treatments for chronic pain. Over the past 5 years, he has been the Principal Investigator or Co-Investigator on 9 NIH-funded grants. His projects utilize laboratory (e.g., experimental sleep disruption; quantitative sensory testing; fMRI), ambulatory (e.g., actigraphy; ecological momentary assessment), and psychotherapeutic intervention (e.g., meditation)

methodologies to probe mechanisms related to chronic pain. Dr. Finan is an Associate Editor for Pain and serves on the Innovation Advisory Council for the Johns Hopkins School of Medicine.

Mark Ilgen, PHD

Mark Ilgen is a clinical psychologist and a health services researcher with an interest in improving outcomes for individuals with problematic alcohol or drug use. He is currently a Research Career Scientist in the Department of Veterans Affairs (VA) Center for Clinical Management Research in Ann Arbor, Michigan and a Professor in the Department of Psychiatry at the University of Michigan. A core focus of Mark's work has been on understanding the relationship between pain and substance use. This research involves developing and testing psychosocial interventions to improve functioning in adults with chronic pain and substance use disorders. Mark's research has been supported with multiple grants from the VA, the Department of Defense (DoD) and the National Institutes of Health (NIH). In his role as the Director of the University of Michigan Addiction Treatment Services (UMATS), he has worked to structure addiction services at the University of Michigan to be accessible and appealing to a wide range of patients and based on current research.

Mark P. Jensen, PhD

Mark P. Jensen, PhD, is a professor and is the Vice Chair for Research in the Department of Rehabilitation Medicine, University of Washington. He is also the current Editor-in-Chief for the Journal of Pain. Dr. Jensen received his PhD from Arizona State University, and his postdoctoral training at the Multidisciplinary Pain Center, University of Washington Medical Center. His research program focuses on understanding the effects and mechanisms of psychological pain interventions. He has published over 600 articles in peer-reviewed journals, is the author or co-author of over 40 books chapters and has authored or edited 11 books. Dr. Jensen is a Fellow of the American Psychological Association, and has received numerous awards for his scientific contributions, including the Clark L. Hull Award for Scientific Excellence in Writing on Experimental Hypnosis and the American Psychological Association Division 30 Award for Distinguished Contributions to Professional Hypnosis.

Helene Langevin, MD

Helene Langevin, M.D., was sworn in as director of the National Center for Complementary and Integrative Health (NCCIH) on November 26, 2018. Before joining the National Institutes of Health (NIH), Dr. Langevin was the director of the Osher Center for Integrative Medicine in Boston, jointly based at Brigham and Women's Hospital and Harvard Medical School, and a professor in residence of medicine at Harvard Medical School since 2012. She was a professor of neurological sciences at the University of Vermont Larner College of Medicine in Burlington until 2012.

As the principal investigator of several NIH-funded studies, Dr. Langevin has centered her research around the role of connective tissue in chronic musculoskeletal pain and the mechanisms of acupuncture, manual, and movement-based therapies. Her more recent work has focused on the effects of stretching on inflammation resolution mechanisms within connective tissue. Dr. Langevin received her medical degree from McGill University in Montreal, Canada. She completed a postdoctoral research fellowship in neurochemistry in the Medical Research Council Neurochemical Pharmacology Unit at the University of Cambridge, England, and a residency in internal medicine and postdoctoral fellowship in endocrinology and metabolism at the Johns Hopkins Hospital in Baltimore.

Lindsey McKernan, PhD, MPH

Dr. McKernan is an Associate Professor in the Department of Psychiatry and Behavioral Sciences at Vanderbilt University Medical Center, having joined the faculty in 2014. Clinically, Dr. McKernan specializes in treating the intersection between co-occurring chronic health conditions and mental health. She has particular interest in working with trauma and chronic illness. Dr. McKernan is currently funded by the National Institute of Health to develop innovative psychosocial treatments for specific pain populations. Recognizing that pain is a highly unique experience to the individual, Dr. McKernan and her collaborators are administering and studying tailored psychosocial interventions to urologic populations. Her focus is to inform treatment and intervention delivery through applying patient-informed approaches to care, understanding unique patient-level factors that influence pain, and expanding treatments to a wider audience. Dr. McKernan has a highly collaborative research lab, and you can follow her work by visiting mckernanlab.com or following updates on twitter through @LCMPHD.

Tracey Pérez Koehlmoos, PhD, MHA

Prof. Tracey Pérez Koehlmoos joined the faculty of the Uniformed Services University in July 2015 in order to lead the development of robust health services and policy research and graduate programs in support of the US Military Health System. She is the Director of the Center for Health Services Research and the Director of Doctoral Programs in Public Health, with core teaching and graduate student advising responsibilities at USUHS and the National Defense University. Previously she served as the Special Assistant to the Assistant Commandant of the Marine Corps. With almost 200 publications and multimedia products, Dr. Koehlmoos is a health systems and policy scientist who specializes in leading complex tasks, program development, and capacity building across the spectrum of health systems building blocks. Prior to transitioning to domestic and defense healthcare, she lived and worked in Saudi Arabia, Pakistan, Nepal, Bangladesh and Indonesia. She cut her teeth in public health leading the Health & Family Planning Systems Programme at ICDDR,B in Dhaka Bangladesh. Her research areas of interest include health equity, value-based care, women's health, systematic review, and health and National Security. She serves as the National Secretary of the Gold Star Wives of America and as the Deputy Chair of the Cochrane Library Oversight Committee. A former Army Air Defense Artillery officer she is the widow of COL Randall "Moose" Koehlmoos and mother of CPT Robert, Michael, and 2LT David Koehlmoos.

Karen Hope Seal, MD, MPH

Dr. Seal is a general internist with fellowship training in Integrative Medicine. She worked to establish and now serves as Chief of Integrative Health at the San Francisco VA Health Care System. In this role, Dr. Seal oversees four interdisciplinary clinics that incorporate the VA Whole Health model: the Post- 9/11 Integrated Care Clinic for Iraq and Afghanistan veterans, the Integrated Pain Team, the Integrative Health and Wellness Clinic, and the Post-COVID Clinic. Dr. Seal is a health services researcher and has served as Principal Investigator on several VA-, NIH-, PCORI- and DoD-funded pragmatic trials implementing and evaluating the effectiveness of behavioral health interventions (i.e., Motivational Interviewing) in the areas of mental health treatment engagement in rural veterans, posttraumatic stress disorder, chronic pain, opioid dependence, and chronic illness prevention. She has a particular interest in developing and testing new models of care to promote non-pharmacological management of chronic pain and pain comorbidities and is currently conducting the multi-site wHOPE trial to evaluate the effectiveness of a Whole Health Team approach to chronic pain care. Finally, Dr. Seal has published several secondary data analyses using the VA electronic health record on high-impact topics involving veterans' health and wellness.

Wally R. Smith, MD

Wally R. Smith, MD was the Principal Investigator of the Pain in Sickle Cell Epidemiology Study (PiSCES, R01 HL 64122), the largest adult cohort study of pain in sickle cell disease (SCD). PiSCES led to the first NIH Request for Proposals on the Neurobiology of Pain in SCD and supported national consensus research definitions of acute and chronic pain in SCD. Smith was a member of the Interagency Pain Research Coordinating Committee for DHHS, which published the National Pain Strategy. He testified on sickle cell pain for the National Academy of Sciences, Engineering, and Medicine. He sits on the Multi-disciplinary Working Group advising the NIH's \$500 million/year Helping to End Addiction Long-term (HEAL) Initiative. He co-authored the chapter on pain in the first published textbook on sickle cell disease in 2021. He co-chaired and led the organization of "Approaches to Effective Therapeutic Management of Pain for People With Sickle Cell Disease (SCD)", a NCCIH, NHLBI, NICHD, NIDA, NIMHD, and NINDS, and NINR Workshop, also in 2021. He is co-editing a book on sickle cell pain for Oxford University Press.

Lieutenant Colonel Konstanze E. Snyder

Lieutenant Colonel Konstanze "Konnie" E. Snyder is a graduate of the United States Air Force Academy and a retired Air Force intelligence officer who served on both Active Duty and in the Air Force Reserves.

Konnie is also the wife of an Active Duty Air Force officer (currently stationed in Omaha, Nebraska), to whom she has been married for 21 years. She and her beloved husband have one adult son, one teenage son, one teenage daughter, and a precious four-year-old granddaughter.

Besides having proudly worn the uniform for 24 years, Konnie has worn the hat of "homeschooler" for 12 years and counting, has volunteered as a patient advocate for military families in the DoD Exceptional Family Member Program, and has been a mentor in the Air Force's Key Spouse Program. She and her family have moved 13 times thus far during their military service.

Additionally, Konnie is a medical enigma and chronic pain sufferer. Prior to 2014, she fully overcame a multitude of injuries/traumas. Since 2014, however, Konnie has not taken a pain-free breath. What started as chronic chest pain was compounded by multiple surgeries and a major car accident; her chronic symptoms now include chest pain, back pain, joint pain, sporadic paralysis, and a multitude of other debilitating issues that span multiple systems. 625 appointments and 130 providers later, she has no unifying diagnosis.

Konnie hopes her journey will shed light upon pain's multiplicity and its far-reaching impact upon, not just the patient, but all those around the patient

David M. White

Former dialysis patient and grateful kidney transplant recipient: My first six months as a person on dialysis were challenging at best and, at times, perilous. I am fortunate to have a loving family that did not give up on me when I tried to give up on myself.

A care plan meeting in 2010 changed everything. My care team worked with me to develop a plan of care that empowered me to pursue my full potential as a person living with a serious illness. Most importantly, I was told that I had to own my plan of care for it to work. Thankfully, I listened, took charge of my health, and eventually thrived on dialysis before receiving a kidney transplant from a deceased donor in 2015.

I have served in many roles to promote better care for people living with kidney diseases and other serious illnesses. The most important one is being a knowledgeable, engaged and empowered consumer of healthcare products and services. Taking care of my own health always comes first.

David Williams, PhD

Dr. Williams is a Professor of Anesthesiology, Medicine, Psychiatry, and Psychology at the University of Michigan where he serves as the Associate Director of the Chronic Pain and Fatigue Research Center, Co-Director of Research Development within the Michigan Institute for Clinical and Health Research (MICH/CTSA), and Director of the Network-based Research Unit (MICH/CTSA). Prior to coming to the University of Michigan he held faculty appointments at both Duke and Georgetown University Medical Centers. He is both a clinician and researcher with publications in the areas of chronic illness management, digital health services delivery, patient-reported outcomes instrument development and validation, and mechanisms of pain perception/modulation. He was a past president of the American Pain Society and serves on numerous scientific editorial boards and scientific review committees both nationally and internationally. In recognition of his commitment to students, he received the Distinguished Clinical and Translational Research Mentor Award from the University of Michigan.

Ruth Q. Wolever, PhD, NBC-HWC

Ruth Q. Wolever, PhD, NBC-HWC is a Professor of Physical Medicine & Rehabilitation at Vanderbilt University Medical Center who serves as Director of Vanderbilt Health Coaching. For the past three years, Ruth also served as the Interim Director of the Osher Center for Integrative Medicine at Vanderbilt, which specializes in whole health for those with chronic pain. She has a secondary appointment at Vanderbilt University School of Nursing, and an Adjunct appointment at Meharry Medical College. Ruth was the Chief Science Officer for eMindful, Inc. until its recent acquisition by Wondr, and now serves on Wondr's Clinical Science Advisory Board. Ruth is a founding member and was the inaugural President of the National Board for Health and Wellness Coaching. A clinical health psychologist and nationally-board certified health and wellness coach (NBC-HWC), Ruth has over 25 years of experience training and mentoring medical and allied health professionals in behavioral medicine, emotional health and coaching. Her expertise includes designing, implementing, and evaluating mind-body interventions for medical patients and those at risk for chronic disease. Internationally recognized for her expertise on health coaching and mindfulness, Ruth studies health coaching, mindfulness-based approaches to self-regulation and lifestyle change. Her research has been funded by the National Institutes of Health (NCCIH, Office of Women's Health, NHLBI, NIDCD, and NIDDK), United States Air Force, Coalition for Better Health, Centers for Medicare and Medicaid Services, industry, and philanthropy. Ruth is particularly interested in the intersection of mindfulness, patient empowerment, and inter-professional training in serving patients with chronic conditions.