



# MIKE Program's Spring Planting Annual Event 2024



Keynote Speaker

## Jonathan Q. Purnell, MD

Dr. Jonathan Purnell serves as Professor in the Oregon Health & Science University (OHSU) Department of Medicine, Knight Cardiovascular Institute and Division of Endocrinology; Chief, Center for Preventive Cardiology; and Associate Director, Bob and Charlee Moore Institute for Nutrition & Wellness. He is board certified in Endocrinologist and Obesity Medicine and is in active practice seeing patients with obesity, diabetes, and lipid disorders at OHSU.

His work as a physician scientist focuses on understanding the causes and consequences of obesity, metabolic syndrome, dyslipidemia, and diabetes in humans. Early studies explored relationships between fat distribution and risk for cardiovascular disease and insulin resistance in type 1 diabetes and in non-diabetic patients with obesity and during aging. This led to nutritional intervention studies testing the effects of diets of differing macronutrient content (fat, carbohydrate, and protein) and bariatric surgery on hormonal signals that determine appetite and body weight. Recently work includes using advanced imaging techniques to understand how the brain responds to changes in diet and weight regulatory hormones and metabolic studies of pregnant women to learn more about how maternal nutrition, obesity, and diabetes affects the health of the placenta and baby.

Dr. Purnell completed his undergraduate work at Whitman College and received his medical degree from OHSU. Completed his residency in internal medicine at the University of Vermont, and his fellowship in endocrinology at the University of Washington.

Dr. Purnell is a member of the American Physiology Society, The Endocrine Society, The Obesity Society, The American Federation of Medical Research, and The American Diabetes Association.