

Obesity: Etiology, Prevention, and Treatment

Additional Topics for Advanced Study

Managing Obesity, Theory and Application

From Brain to Bedside: How Neuroscience Informs Clinical Care for Patients with Obesity

Ellen A Schur, MD, MS, DABOM

Professor of Medicine, Division of General Internal Medicine, Director, University of Washington Nutrition and Obesity Research Center

Using Genetic Information to Predict and Treat Obesity: Are We Ready for Precision Medicine

Ruth Loos, PhD

Charles Bronfman Professor in Personalized Medicine, Director, Genetics of Obesity and Related Traits Program, Co-Director, Charles Bronfman Institute for Personalized Medicine, Icahn School of Medicine, Mt. Sinai School of Medicine; The Novo Nordisk Foundation Center for Basic Metabolic Research; Faculty of Health and Medical Sciences, University of Copenhagen, Denmark

Obesity and Type 2 Diabetes: New Thoughts on Pathophysiology and Treatment

Caroline M Apovian, MD, FACP, FACN, DABOM

Co Director, Center for Weight Management and Wellness, Brigham and Womens Hospital

Member of the Faculty, Harvard Medical School

Obesity Coding and Reimbursement

Joel V Brill, MD, FACP

Clinical Assistant Professor, Family, Community and Preventive Medicine, University of Arizona College of Medicine; Chief Medical Officer, Predictive Health

Patient-centered Care and Empathy in Obesity Management

Bonnie Bernstein, PhD

Adjunct Assistant Professor of Nutrition Education, Teachers College, Columbia University

Obesity During Pregnancy

Pregnancy and Obesity

Patrick Catalano, MD

Vice Chair of Obstetrics & Gynecology Research; Principal Investigator, Mother Infant Research Institute; Professor, Tufts University School of Medicine, Friedman School of Nutrition, Science and Policy; Professor, Clinical and Translational Institute (CTSI)

Epigenetics and the Development of Obesity

Lori Zeltser, PhD

Associate Professor of Pathology & Cell Biology, Columbia University Vagelos College of Physicians and Surgeons, Columbia University Irving Medical Center

Impact of Maternal Obesity on Placental Development and Function

Perrie O'Tierney-Ginn, PhD

Interim Executive Director, Mother Infant Research Institute; Research Associate Professor, Tufts University School of Medicine

In Utero and Lactational Programming of Obesity: Repercussions for Offspring

Sarbattama Sen, MD

Neonatologist, Brigham and Women's Hospital; Assistant Professor of Pediatrics, Harvard Medical School

Childhood Obesity: Determinants, Affects, and Ways Forward

Childhood Obesity: Challenges and Opportunities

Sandra Hassink, MD, MSc, FAAP

Medical Director of the AAP Institute for Healthy Childhood Weight; Chairperson, Child and Adolescent Health committee for the Institute for Medicaid Innovation; Member, Healthy Weight Network Advisory Committee

Evaluation and Treatment of Children and Adolescents with Obesity

Sandra Hassink, MD, MSc, FAAP

Medical Director of the AAP Institute for Healthy Childhood Weight; Chairperson, Child and Adolescent Health committee for the Institute for Medicaid Innovation; Member, Healthy Weight Network Advisory Committee

Assessing and Addressing Food Insecurity in Children

Christina R Fernandez, MD, MPH, FAAP

Assistant Professor of Pediatrics, Division of Child and Adolescent Health, Department of Pediatrics, Columbia University Irving Medical Center

The Role of the First 1,000 Days of Life in Childhood Obesity Prevention

Jennifer Woo Baidal, MD, MPH

Assistant Professor of Pediatrics, Director of Pediatric Weight Management, Inaugural Director of the Pediatric Obesity Initiative, Division of Pediatric Gastroenterology, Hepatology, and Nutrition, Columbia University Medical Center and New York-Presbyterian Morgan Stanley Children's Hospital

Child Obesity: The Role of the Parents

Susan Carnell, PhD

Associate Professor of Child and Adolescent Psychiatry, John Hopkins University School of Medicine

Prevention and Management of Non-Alcoholic Fatty Liver Disease (NAFLD) in Children

Ali A Mencin, MD

Endoscopy and the Pediatric NAFLD Clinic, Division of Pediatric Gastroenterology, Hepatology and Nutrition, Associate Professor of Pediatrics at Columbia University Medical Center

Weight Changes in Children During the Covid-19 Pandemic: Causes, Consequences, and Next Steps

Eugene Dinkevich, MD, FAAP, DABOM

Associate Professor of Clinical Pediatrics, Director, Division of General Pediatrics, Director, Pediatric Primary Care Services, SUNY Health Sciences University, Department of Pediatrics

Special Topics in Obesity Medicine

The Fidelity of the Gut Brain Axis in the Modern Food Environment

Alexandra DiFeliceantonio, PhD

Assistant Professor, Fralin Biomedical Research Institute, VTC; Assistant Professor, Department of Human Nutrition, Foods, and Exercise, Virginia Tech

Parallels between Addiction and Obesity

Ruben D Baler, PhD, MSc

Health Scientist, National Institute on Drug Abuse (NIDA)

Adipose Tissue: White, Brown, and Beige

Marc Reitman, MD, PhD

Senior Investigator and Branch Chief, National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), NIH

Microbiome and Energy Balance

Eamonn Quigley, MD, FRCP, FACP, MACG, FRCPI

David M Underwood Chair of Medicine in Digestive Disorders, Co-Director, Lynda K and David M Underwood Center for Digestive Disorders; Chief, Gastroenterology and Hepatology, Professor of Medicine, Institute of Academic Medicine, Houston Methodist Hospital; Professor of Medicine, Weill Cornell Medical College; Adjunct Professor of Medicine, Texas A and M Health Sciences Center College of Medicine

Obesity in the Elderly

John Batsis, MD, FACP, FTOS, AGSF, FGSA

Associate Professor, Division Of Geriatric Medicine & Associate Professor, Gillings School Of Global Public Health at the University of North Carolina School of Medicine

Metabolism, Nutrition, Obesity, and Cancer

Juan M Schvartzman, MD, PhD

Assistant Professor, Department of Medicine, Columbia University Irving Medical Center; Principal Investigator, Herbert Irving Comprehensive Cancer Center

Sleep, Stress, and Obesity

How and Why Weight Stigma Drives the Obesity ‘Epidemic’ and Harms Health

A Janet Tomiyama, PhD

Associate Professor, Department of Psychology, University of California Los Angeles

Chronic Stress and Obesity

Rajita Sinha, PhD

Foundations Fund Endowed Professor in Psychiatry, Neuroscience and Child Study, Yale School of Medicine; Deputy Chair of Psychiatry for Psychology, Chief, Psychology Section in Psychiatry; and Director, Yale Stress Center (yalestresscenter.org)

Obstructive Sleep Apnea and Obesity: Evidence and Clinical Considerations

Ari Shechter, PhD

Assistant Professor of Medical Sciences, Columbia University Irving Medical Center

Sleep and Obesity: Altering Energy Balance

Marie-Pierre St-Onge, PhD, CCSH, FAHA

Associate Professor of Nutritional Medicine and Director, Sleep center of excellence, Vagelos College of Physicians and Surgeons, Columbia University Irving Medical Center

Improving Sleep in Your Patients: Strategies and Outcomes

Ari Shechter, PhD

Assistant Professor of Medical Sciences, Columbia University Irving Medical Center

Treating Obesity Through Lifestyle – An Advanced Look

Self-monitoring for Weight Management: What Can It Add and When to Consider It

Carolyn Bramante, MD, MPH, DABOM

Assistant Professor, Internal Medicine and Pediatrics, University of Minnesota; Core Faculty, Center for Pediatric Obesity Medicine; Core Faculty, Program for Health Disparities Research

Use of Technology in Prevention and Treatment of Obesity

Bonnie Spring, Professor in Preventive Medicine-Behavioral Medicine, Psychiatry, Psychology, and Public Health, Northwestern University Feinberg School of Medicine, PhD

Incorporating Exercise for People with Obesity and Reduced Mobility

Chris Campagnola, CSCS, ACE, LMT

Certified Strength and Conditioning Coach

The Buddy System for Weight Loss: Promises and Pitfalls

Angela C Incollingo Rodriguez, PhD

Assistant Professor of Psychology and Neuroscience, Worcester Polytechnic Institute

Weight Loss Supplements

Paul R Thomas, EdD, RDN

Fellow/Technical Director, ICF, Rockville, Maryland; Scientific Consultant under contract to the Office of Dietary Supplements, NIH, Bethesda, Maryland

Nutrition and Obesity: What to Eat and When

Nutrition Recommendations for Adults with Obesity

Heather Seid, MS, R Program Manager of the Bionutrition Research Core (BRC), Columbia University Irving Institute for Clinical and Translational Research DN, CSP, CNSC, CLC

Clinical Research Dietary Intervention in Patients with Obesity

Katie C Hootman, PhD, RDN, CDN, MS

Director, Nutrition and Metabolic Research Core, Clinical and Translational Science Center, Weill Cornell Medical College

Aging, Intermittent Fasting and Metabolic Health: From Caloric Restriction to Time Restricted Feeding

Eric Ravussin, PhD

Boyd Professor, Louisiana State University

Meal Frequency and Timing: Implications for Health

Marie-Pierre St-Onge, PhD, CCSH, FAHA

Associate Professor of Nutritional Medicine and Director, Sleep center of excellence, Vagelos College of Physicians and Surgeons, Columbia University Irving Medical Center

Low Carb vs. Low Fat Diets: What We Don't Know and Why We Should Know It

Michael Rosenbaum, MD

Professor Emeritus of, and Special Lecturer in, Pediatrics and Medicine, Associate Directors of CTSA/Clinical Research Resource, Columbia University Medical Center

Food Ultra-processing and the Pandemic of Obesity: Evidence and Policy Implications

Carlos A Monteiro, MD, PhD

Professor, Department of Nutrition, School of Public Health, University of Sao Paulo

Weight Loss and Regain: Long-Term Effects and Approaches to Weight Regulation

The Effects of Physical Activity on Weight Loss and Maintenance of Weight Loss

John M Jakicic, PhD

Professor of Internal Medicine in the Division of Physical Activity and Weight Management at the University of Kansas Medical Center

Losing and Regaining Weight: Do the Benefits of the Losses Outweigh the Consequences of Regain?

Steven Heymsfield, MD

Professor, Metabolism & Body Composition Department, Pennington Biomedical Research Center

Body Composition Changes with Weight Loss, Including Physical Activity Regimens

Dympna Gallagher, EdD

Professor of Nutritional Medicine, Columbia University Vagelos College of Physicians and Surgeons, Columbia University Irving Medical Center

The Impact of Cultural Context on Obesity and Its Treatment

Health Problems in Urban Communities

Dayle Hodge, MD, PhD, MS

Resident, Department of Anesthesiology and Perioperative Medicine, Oregon Health & Science University

How Does Race and Ethnicity Affect the Development of Obesity and Related Co-morbidities?

Ramfis Nieto-Martinez, MD, MSc

Director of Lifestyle Medicine Program, LifeDoc Health, Memphis, TN, US; Lown Scholar, Department of Global Health and Population, Harvard TH Chan School of Public Health, Harvard University, Boston, US; Founder and current elected President, Venezuelan Foundation for Clinical, Epidemiological and Public Health Research, FISPEVEN INC, Venezuela

Challenges in Women and People of Color with Obesity and Obesity-related Diseases

Fatima Cody Stanford, MD, MPH, MPA, MBA, FAAP, FACP, FAHA, FAMWA, FTOS, DABOM

Associate Professor of Medicine and Pediatrics, Equity Director, Massachusetts General Hospital

Weight Bias and Discrimination

Rebecca L Pearl, PhD

Assistant Professor, Clinical and Health Psychology, Social and Behavioral Sciences, University of Florida; Adjunct Assistant Professor of Psychiatry, University of Pennsylvania Perelman School of Medicine

Strategies for Reducing Obesity in People Who are Food Insecure (with cooking demo)

Olivia Weinstein, MS, RDN, LDN

Director of Nutrition Innovation and Implementation, Boston Medical Center

Food Insecurity, Covid-19 and Zip Codes: A Long-standing Issue of Inequality Skyrockets

Kim Hekimian, PhD

Assistant Professor, Vagelos College of Physicians and Surgeons, Columbia University Irving Medical Center

Clinical Management of Obesity in Adults with Limited Means

Tirissa Reid, MD, DABOM

Associate Professor of Medicine, Vagelos College of Physicians and Surgeons, Columbia University Irving Medical Center and Jamie Mullally, MD, DABOM

Attending Physician in Endocrinology, WMCHealth Advanced Physician Services; Assistant Professor of Medicine, New York Medical College