BEYOND BOUNDARIES: Expanding the Science of Systems Biology
University of Miami Miller School of Medicine
September 28 – 29, 2019 • Ritz-Carlton, Fort Lauderdale

Pre-Conference Friday, September 27

Conference Objectives
At the completion of this course, attendees will be able to:

• Assess the impact of root-cause focused medicine on improving patient engagement in their own well-being
• Examine the vast potential effect of the microbiome throughout the lifecycle, and its impact in maintaining overall health
• Understand the use of Ketamine, MDMA, and Psychedelics as an expanded model for mental healthiness
• Use genomics as a tool for understanding and addressing chronic disease and environmentally acquired illness
• Understand the impact of fasting mimicking diets and intermittent fasting on health, disease and lifespan and create intermittent fasting regimens for patients
• Evaluate current data of neurophysiological effects of spiritual practices, such as meditation and prayer on physical and mental health
• Examine the concepts of pharmacogenomics, including naming conventions and copy number variants, and assess how pharmacogenomics can affect the efficacy of drugs

Target Audience
University of Miami Miller School of Medicine Faculty, Community Physician Practitioners, Residents, Medical Students, Allied Health Professionals

Featured Speakers

Tom Blue
Director of Industry Strategy
Institute for Functional Medicine
Federal Way, Washington

David J. Blyweiss, MD, IFMCP
Voluntary Faculty
University of Miami
Miami, Florida

Sebastian Brandhorst, PhD
Research Professor
University of Southern California
Los Angeles, California

Mark Gocke, MD
Panel Moderator
University of Miami
Jupiter, Florida

Sharon Hausman-Cohen, MD
Chief Medical Officer
IntellxxDNA
Austin, Texas

Stephen Anton, PhD
Institute on Aging
University of Florida
Gainesville, Florida

Helen Messier, MD, PhD
Chief Medical Officer
Omega Medicine Institute
Mountain View, California

Sonia Michail, MD
Professor of Clinical Pediatrics
University of Southern California
Los Angeles, California

Andrew Newberg, MD
Director of Research
Thomas Jefferson University
Philadelphia, Pennsylvania

Scott Shannon, MD
MAPS MDMA-Assisted Psychotherapy Research Wholeness Center Research
Fort Collins, Colorado

Your Conference Registration Includes

• 10 presentations from leading experts in integrative medicine
• Interactive Q & A sessions with teaching faculty
• Conference welcome package
• Pre-conference special pricing (NON CME)
• Private receptions Friday and Saturday evening
• Gourmet healthy breakfast and lunch Saturday
• Tasting tables from local, sustainable & organic restaurants

Sponsored by the University of Miami Miller School of Medicine

CONFERENCE SCHEDULE
Friday, September 27, 2019, 9:00 am – 5:00 pm
Pre-Conference (NON CME)
Saturday, September 28, 2019, 8:30 am – 5:45 pm
Conference (CME)
Sunday, September 29, 2019, 8:00 am – 1:00 pm
Conference (CME)

HOTEL LOCATION
Ritz-Carlton Fort Lauderdale
1 N Fort Lauderdale Beach Blvd
Fort Lauderdale, FL 33304

Book before Aug. 27, 2019 to receive $239 per night
Special rate. Subject to availability.
Visit conference website for link to hotel or call 800.241.3333 and reference UM/OSHER Integrative Medicine Room Block
Reservation Code: D5ZGKZA

BOOK TODAY!

REGISTRATION FEE
Physician Pricing (MD & DO)
After September 15: $729 / Early Registration: $599

Other Healthcare Professionals
After September 13: $629 / Early Registration: $499

UM / Educator
After September 15: $629 / Early Registration: $399

Students - $175
subject to email address verification

Medical Students ONLY - $89
student ID required

Pre-Conference - $99

REGISTER ONLINE AT
osher.med.miami.edu Call 305.243.0945 for more info

ACCREDITATION: University of Miami Leonard M. Miller School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

CREDIT DESIGNATION: University of Miami Leonard M. Miller School of Medicine designates this live activity for a maximum of 11.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

11.5 CEUs have been approved by the Florida Boards of Acupuncture, Chiropractic Medicine, Dentistry, Clinical Social Work, Marriage and Family Therapy, Mental Health, Counseling, Psychology, Pharmacy, and the Florida Council of Dietetics and Nutrition. CE Provider Number: 50-2682.

Continuing Education Credit (CEU): This conference has been planned and implemented in accordance with the essential areas and policies of the Florida Board of Nursing for Continuing Education Provider #50-2105.

Credit Designation: 11.5 CEU’s have been approved by the University of Miami School of Nursing & Health Studies.

Disclosure & Conflict of Interest Resolution: All conflicts of interest of any individual(s) in a position to control the content of this CME activity will be identified and resolved prior to this educational activity being provided. Disclosure about provider and faculty relationships, or lack thereof, will be provided to learners.
<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Event</th>
<th>Speaker</th>
<th>Venue</th>
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<tr>
<td><strong>Friday, September 27th</strong></td>
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<tr>
<td>9:00 am - 5:00 pm</td>
<td>Pre-Conference (NON CME) Infammation Resolution and Its Impact on Health</td>
<td>see Pre-Conference flyer for speakers</td>
<td>Grand Ballroom 4th Floor</td>
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<tr>
<td>12:00 pm - 1:30 pm</td>
<td>LUNCH BREAK (on your own)</td>
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<tr>
<td>5:30 pm - 7:00 pm</td>
<td>Welcome Reception - (NON CME Presentation)</td>
<td>Jay Lombard, DO</td>
<td>Grand Ballroom</td>
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<tr>
<td><strong>Saturday, September 28th</strong></td>
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<tr>
<td>6:00 am - 8:00 am</td>
<td>REGISTRATION</td>
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<td>Foyer - 4th Floor</td>
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<td>7:00 am - 8:00 am</td>
<td>BREAKFAST - (NON CME Presentation)</td>
<td>Kevin Spelman, PhD, MCPP,CNS</td>
<td>Grand Ballroom</td>
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<td>8:00 am - 8:30 am</td>
<td>Opening Remarks Introduction</td>
<td>E Robert Schwartz, MD, David J Blyweiss, MD</td>
<td>Grand Ballroom</td>
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<td>8:30 am - 9:30 am</td>
<td>The Future of Health</td>
<td>Tom Blue</td>
<td>Grand Ballroom</td>
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<td>9:30 am - 10:30 am</td>
<td>The Microbiome and Its Give and Take Relationship with Metabolic Rhythms</td>
<td>Helen Messier, MD, PhD</td>
<td>Grand Ballroom</td>
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<tr>
<td>10:30 am - 11:00 am</td>
<td>BREAK (Exhibit Hall &amp; Tasting Tables)</td>
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<td>Foyer - 4th Floor</td>
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<td>11:00 am - 12:00 pm</td>
<td>What’s New in the World of Fecal Microbial Transplant</td>
<td>Sonia Michail, MD</td>
<td>Grand Ballroom</td>
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<td>12:00 pm - 12:30 pm</td>
<td>Panel Discussion - Moderator Mark Gocke, MD</td>
<td>Helen Messier, MD, PhD, Sonia Michail, MD &amp; Tom Blue</td>
<td>Grand Ballroom</td>
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<tr>
<td>12:30 pm - 1:45 pm</td>
<td>LUNCH - (NON CME Presentation)</td>
<td>Tricia Paulson, ND</td>
<td>Foyer - 4th Floor</td>
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<td>1:45 pm - 2:45 pm</td>
<td>Genomics as a Tool for Addressing Chronic Disease and Environmentally Acquired Illness</td>
<td>Sharon Hausman-Cohen, MD</td>
<td>Grand Ballroom</td>
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<td>2:45 pm - 3:45 pm</td>
<td>Neurotheology and Health: Exploring the Brain, Body, and Spirit Connection</td>
<td>Andrew Newberg, MD</td>
<td>Grand Ballroom</td>
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<td>3:45 pm - 4:15 pm</td>
<td>BREAK (Exhibit Hall &amp; Tasting Tables)</td>
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<td>Foyer - 4th Floor</td>
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<td>4:15 pm - 5:15 pm</td>
<td>Ketamine, MDMA, and Psychedelics: A New Model for Mental Health</td>
<td>Scott Shannon, MD</td>
<td>Grand Ballroom</td>
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<td>5:15 pm - 6:00 pm</td>
<td>Panel Discussion - Moderator Mark Gocke, MD</td>
<td>Andrew Newberg, MD, Scott Shannon, MD, Sharon Hausman-Cohen, MD</td>
<td>Grand Ballroom</td>
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<tr>
<td>6:00 pm - 7:30 pm</td>
<td>Reception - (NON CME Presentation)</td>
<td>Denis Wilson, MD</td>
<td>Astor Ballroom</td>
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<td><strong>Sunday, September 29th</strong></td>
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<td>7:00 am - 8:00 am</td>
<td>BREAKFAST - (NON CME Presentation)</td>
<td>Kent Holtorf, MD</td>
<td>Grand Ballroom</td>
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<td>8:00 am - 8:10 am</td>
<td>Opening Remarks/Introduction</td>
<td>Karen Koffler, MD</td>
<td>Grand Ballroom</td>
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<td>8:10 am - 9:10 am</td>
<td>Fasting - Mimicking Diets in Health &amp; Lifespan</td>
<td>Sebastian Brandhorst, PhD</td>
<td>Grand Ballroom</td>
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<td>9:10 am - 10:10 am</td>
<td>Effects of Intermittent Fasting on Mind-Body Health</td>
<td>Stephen Anton, PhD</td>
<td>Grand Ballroom</td>
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<td>BREAK (Exhibit Hall &amp; Tasting Tables)</td>
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<td>10:40 am - 11:40 am</td>
<td>Pharmacogenomics: Using Your Patient’s DNA to Improve Safety and Efficacy</td>
<td>Sharon Hausman-Cohen, MD</td>
<td>Grand Ballroom</td>
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<td>11:40 am - 12:25 pm</td>
<td>Panel Discussion - Moderator Mark Gocke, MD</td>
<td>Sebastian Brandhorst, PhD, Stephen Anton, PhD, Sharon Hausman-Cohen, MD</td>
<td>Grand Ballroom</td>
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<td>12:25 pm - 1:00 pm</td>
<td>Putting It All Together</td>
<td>David Blyweiss, MD</td>
<td>Grand Ballroom</td>
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