

## Module III Calendar of Events

### Friday, February 24, 2012:

7:30 am	Physiology and Pathophysiology of Gut Health	Patrick Hanaway, M.D.	2 hr
9:30 am	Break		
10:00 am	When in Doubt, Start with the Gut – Part One	Patrick Hanaway, M.D.	2 hr
12:00 pm	Lunch (on your own)		
1:30 pm	When in Doubt, Start with the Gut – Part Two	Patrick Hanaway, M.D.	1½ hr
2:30 pm	Parasitic Infections of the Gastrointestinal Tract	Pamela W. Smith, M.D., MPH	½ hr
3:30 pm	Break		
4:00 pm	Clinical Aspects of Gastrointestinal Health	Pamela W. Smith, M.D., MPH	2 hr
6:00 pm	Close of session		

### Saturday, February 25, 2012:

7:30 am	Review of Neurotransmitters and Behavior	Jay Lombard, D.O.	1½ hr
9:00 am	Nutritional Psychopharmacology – Part One	Jay Lombard, D.O.	½ hr
9:30 am	Break		
10:00 am	Nutritional Psychopharmacology – Part Two	Jay Lombard, D.O.	1 hr
11:00 am	Biomarkers in Neuropsychiatry – Part One	Jay Lombard, D.O.	1 hr
12:00 pm	Lunch (on your own)		
1:30 pm	Neurotransmitters: From Biochemistry to Behavior – A Functional Medicine Approach Part One	Catherine Willner, M.D.	2 hr
3:30 pm	Break		
4:00 pm	Neurotransmitters: From Biochemistry to Behavior – A Functional Medicine Approach Part Two	Catherine Willner, M.D.	2 hr
6:00 pm	Close of session		

**Module III**  
**Calendar of Events**  
**(Continued)**

**Sunday, February 26, 2012:**

7:00 am	Biomarkers in Neuropsychiatry – Part Two	Jay Lombard, D.O.	½ hr
7:30 am	HPA Axis and Neuroendocrinology	Jay Lombard, D.O.	1½ hr
9:00 am	Break		
9:30 am	Aging Brain	Jay Lombard, D.O.	1 hr
10:30 am	Brain Gut, Gut Brain Axis	Jay Lombard, D.O.	1 hr
11:30 am	Lunch (on your own)		
1:00 pm	Celiac Disease	Pamela W. Smith, M.D., MPH	1 hr
2:00 pm	Probiotics	Pamela W. Smith, M.D., MPH	½ hr
2:30 pm	Prebiotics	Pamela W. Smith, M.D., MPH	½ hr
3:00 pm	Break		
3:30 pm	Demystifying Weight Loss	Pamela W. Smith, M.D., MPH	1½ hr
5:00 pm	The Rise of Yeast Overgrowth	Pamela W. Smith, M.D., MPH	½ hr
5:30 pm	Close of session		

## Module VII Calendar of Events

### Friday, February 24, 2012:

7:30 am	Toxic Metals and Metabolic Regulation Through Chelation	James LaValle, R.Ph., CCN, ND	2 hr
9:30 am	Break		
10:00 am	Brain Fitness	Pamela W. Smith, M.D., MPH	1 hr
11:00 am	The Clinical Aspects of Autoimmune Diseases	Pamela W. Smith, M.D., MPH	1 hr
12:00 pm	Lunch (on your own)		
1:30 pm	Applying Clinical Precision to Fatty Acid Diagnostics and Therapeutics	Michael A. Schmidt, Ph.D.	2 hr
3:30 pm	Break		
4:00 pm	Sick and Tired: Nutrition, Fatigue and Mitochondrial Dysfunction	Patrick Hanaway, M.D.	2 hr
6:00 pm	Close of session		

### Saturday, February 25, 2012:

7:30 am	Clinical and Metabolic Features of Unexplained Fatigue – Part One	Michael A. Schmidt, Ph.D.	2 hr
9:30 am	Break		
10:00 am	Clinical and Metabolic Features of Unexplained Fatigue – Part Two	Michael A. Schmidt, Ph.D.	2 hr
12:00 pm	Lunch (on your own)		
1:30 pm	Autoimmune Disease: A Functional Medicine Approach to Pathophysiology – Part One	Robert Rountree, M.D.	2 hr
3:30 pm	Break		
4:00 pm	Autoimmune Disease: A Functional Medicine Approach to Pathophysiology – Part Two	Robert Rountree, M.D.	2 hr
6:00 pm	Close of session		

**Module VII**  
**Calendar of Events**  
**(Continued)**

**Sunday, February 26, 2012:**

7:00 am	Chronic Fatigue and Fibromyalgia	Pamela W. Smith, M.D., MPH	2 hr
9:00 am	Break		
9:30 am	The Truth About Mercury Amalgams	Pamela W. Smith, M.D., MPH	1 hr
10:30 am	How to Measure and Reverse all Forms Of Memory Loss – Part One	Eric Braverman, M.D.	1 hr
11:30 am	Lunch (on your own)		
1:00 pm	How to Measure and Reverse all Forms Of Memory Loss – Part Two	Eric Braverman, M.D.	1 hr
2:00 pm	The Role of the Endocrine System in Autoimmunity – Part One	James Wilson, N.D., D.C., Ph.D.	1 hr
3:00 pm	Break		
3:30 pm	The Role of the Endocrine System in Autoimmunity – Part Two	James Wilson, N.D., D.C., Ph.D.	2 hr
5:30 pm	Close of session		

## Module XIV-B Calendar of Events

### Friday, February 24, 2012:

7:30 am	Inflammation, Stress, Hormones and Obesity: Making the Connection	Lisa Koche, M.D.	2 hr
9:30 am	Break		
10:00 am	Obesity and Insulin Resistance in Children And Teens – Part One	James LaValle, R.Ph., CCN	2 hr
12:00 pm	Lunch (on your own)		
1:30 pm	Obesity and Insulin Resistance in Children And Teens – Part Two	James LaValle, R.Ph., CCN	2 hr
3:30 pm	Break		
4:00 pm	Metabolic Diseases Driven by Immuno-Inflammation	Aristo Vojdani, Ph.D, MSc, CLS	2 hr
6:00 pm	Close of session		

### Saturday, February 25, 2012:

7:30 am	Gastrointestinal Health and Obesity	Pamela W. Smith, M.D.,MPH	2 hr
9:30 am	Break		
10:00 am	Gastrointestinal Health and Obesity	Pamela W. Smith, M.D, MPH	½ hr
10:30 am	Energy Medicine and Metabolism: Weight Loss	Catherine Willner, M.D.	1½ hr
12:00 pm	Lunch (on your own)		
1:30 pm	The Obesity Model – Making Sense of the Obesity Statistics	Benoit Tano, M.D.,Ph.D	2 hr
3:30 pm	Break		
4:00 pm	Understanding Obesity: Novel Approaches to Pathophysiology, Diagnosis and Treatment	Jay Lombard, D.O.	1 hr
5:00 pm	The Obesity Contagion Theory: Is Weight Gain Caused by Infection?	Gloria Hakkarainen, M.D.	1 hr
6:00 pm	Close of session		

**Module XIV-B**  
**Calendar of Events**  
**(Continued)**

**Sunday, February 26, 2012:**

7:00 am	Farming and Obesity in the US – Evidence from the Obesity Maps, Pesticides/Herbicides Maps, and HCUP Database	Benoit Tano, M.D., Ph.D.	2 hr
9:00 am	Break		
9:30 am	The Steps for Effective Treatment of Obesity And It's Comorbidities: Eating for Your Hormone Type, The Optimal Food Choices for Optimal Weight Loss, Role of Nutritional Supplements in Weight Control	Benoit Tano, M.D., Ph.D	2 hr
11:30 am	Lunch (on your own)		
1:00 pm	Weight Loss in the Young Versus the Elderly, Is it the Same?	Gloria Hakkarainen, M.D.	1 hr
2:00 pm	Lectin Induced Obesity	Gloria Hakkarainen, M.D.	1 hr
3:00 pm	Break		
3:30 pm	Diets that Really Work for Weight Loss	Gloria Hakkarainen, M.D.	1 hr
4:30 pm	So You've Lost Weight, Now What?	Gloria Hakkarainen, M.D.	1 hr
5:30 pm	Close of session		