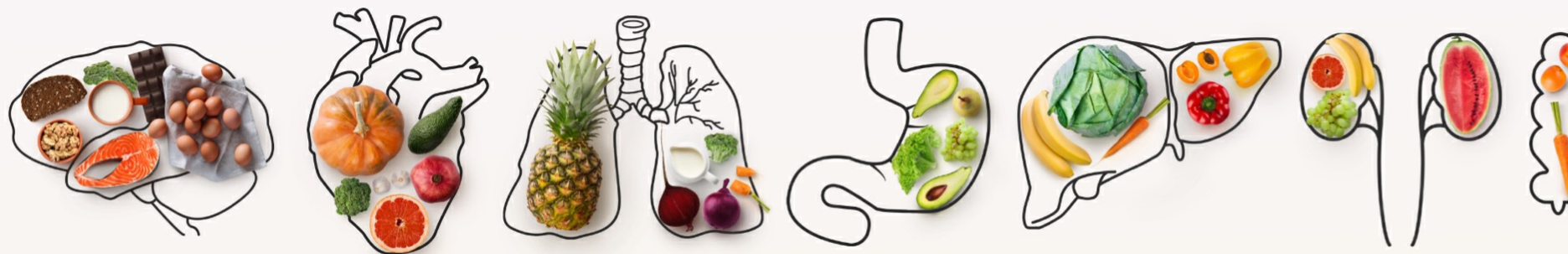


Precision Nutrition Research Gaps and Op



| Date | Time | Track | Presentation Title | Speaker |
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| 11-Jan | 09:00 - 11:30 AM | SECTION 1: Precision Nutrition Science in Diet-related Chronic Diseases | Opening Remarks | Griffin P. Rodgers, MD, M/ Director of the National In Gary H. Gibbons, MD Director, NHLBI |
| 11-Jan | 09:25 - 09:45 AM | SECTION 1: Precision Nutrition Science in Diet-related Chronic Diseases | Moderator Introduction & Cardiovascular Disease | José Ordovás, PhD Director of Nutrition and C |
| 11-Jan | 09:45 - 10:00 AM | SECTION 1: Precision Nutrition Science in Diet-related Chronic Diseases | Precision Nutrition for Patients at Risk for Cognitive Decline & Alzheimer's Dementia | Richard Isaacson, MD Director, Alzheimer's Prev |
| 11-Jan | 10:00 - 10:15 AM | SECTION 1: Precision Nutrition Science in Diet-related Chronic Diseases | Diabetes/Impaired Glucose Regulation | Mary Ann Sevick, ScD, MS, Professor of Population He |
| 11-Jan | 10:15 - 10:30 AM | SECTION 1: Precision Nutrition Science in Diet-related Chronic Diseases | Cancer: Primary and Secondary Prevention | Emily Ho, PhD Professor and Endowed Ch |
| 11-Jan | 10:30 - 11:30 AM | SECTION 1: Precision Nutrition Science in Diet-related Chronic Diseases | Section 1 Q & A Panel Discussion: Research Gaps and Opportunities (Live) | Linda Van Horn, PhD, RDN Professor and Chief, Nutri Corby Martin, PhD Pennington Biomedical Re Steven Clinton, MD, PhD Professor, Medical Oncolo Paul Franks, PhD Professor of Genetic Epide Simin Nikbin Meydani, DVI Senior Scientist & Directo Immunology at Tufts Emily Ho, PhD Professor and Endowed Ch Mary Ann Sevick, ScD, MS, Professor of Population He Richard Isaacson, MD Director, Alzheimer's Prev |

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| 11-Jan | 11:45 - 12:15 PM | SECTION 2: NIH Interest in the Field of Precision Nutrition | Planning for Nutrition for Precision Health, Powered by the All of Us Research Program | Holly Nicastro, PhD, MPH Program Director, Office of |
| 11-Jan | 01:00 - 01:05 PM | SECTION 3.1: Measuring Potential Contributors to Interindividual Variability in Dietary Responses | Moderator Introduction | Elizabeth Parks, PhD Professor, Department of I |
| 11-Jan | 01:05 - 01:20 PM | SECTION 3.1: Measuring Potential Contributors to Interindividual Variability in Dietary Responses | Importance of Examining Nutritional Status as a Source of Interindividual Variability | Marian Neuhouser, PhD, R Professor, Fred Hutchinson |
| 11-Jan | 01:20 - 01:35 PM | SECTION 3.1: Measuring Potential Contributors to Interindividual Variability in Dietary Responses | Immune System Status and Inflammatory Responses to Diet | Helen Roche, PhD Full Professor of Nutrition |
| 11-Jan | 01:35 - 01:50 PM | SECTION 3.1: Measuring Potential Contributors to Interindividual Variability in Dietary Responses | Sleep and Chronobiology | Frank Scheer, PhD, MSc Professor of Medicine, Har |
| 11-Jan | 01:50 - 02:05 PM | SECTION 3.1: Measuring Potential Contributors to Interindividual Variability in Dietary Responses | Nutrition-related Health Disparities, Socioeconomic Influences, and Social Determinants of Health | Josiemer Mattei, PhD, MPH Donald and Sue Priztker A |
| 11-Jan | 02:05 - 02:20 PM | SECTION 3.1: Measuring Potential Contributors to Interindividual Variability in Dietary Responses | Psychosocial and Cultural Factors Influencing Dietary Intake and Patterns | Cheryl Anderson, PhD, MP Professor and Dean, UC Sa Excellence in Health Beha |
| 11-Jan | 02:20 - 02:45 PM | SECTION 3.1: Measuring Potential Contributors to Interindividual Variability in Dietary Responses | Section 3, Part 1 Q & A | Elizabeth Parks, PhD Professor, Department of I Cheryl Anderson, PhD, MP Professor and Dean, UC Sa Excellence in Health Beha Josiemer Mattei, PhD, MPH Donald and Sue Priztker A Frank Scheer, PhD, MSc Professor of Medicine, Har Helen Roche, PhD Full Professor of Nutrition Marian Neuhouser, PhD, R Professor, Fred Hutchinson |
| 11-Jan | 03:00 - 03:15 PM | SECTION 3.2: Measuring Potential Contributors to Interindividual Variability in Dietary Responses | Other Environmental Exposures | Albert-Laszlo Barabasi, Ph Robert Gray Dodge Profes |
| 11-Jan | 03:15 - 03:30 PM | SECTION 3.2: Measuring Potential Contributors to Interindividual Variability in Dietary Responses | Mixed-meal Challenge Tests, Physiological Measures, and Individual Response to Alcohol | Elizabeth Parks, PhD Professor, Department of I |
| 11-Jan | 03:30 - 03:45 PM | SECTION 3.2: Measuring Potential Contributors to Interindividual Variability in Dietary Responses | Sensory Nutrition | Valerie Duffy, PhD, RD Professor & Director of the |
| 11-Jan | 03:45 - 05:00 PM | SECTION 3.2: Measuring Potential Contributors to Interindividual Variability in Dietary Responses | Section 3, Part 2 Q&A and Panel Discussion: Research Gaps and Opportunities | Saroja Voruganti, PhD Associate Professor of Nut Krista Varady, PhD Professor of Nutrition Erin Hanlon, PhD Research Associate Profes Susan Malone, PhD, MSN Assistant Professor, Rory I |
| 12-Jan | 09:00 - 09:15 AM | SECTION 4: Training the Next Generation of a Diverse Workforce of Researchers in the Fields of Precision Nutrition and Data Science | Introduction to Training the Next Generation of a Diverse Workforce of Researchers in the Fields of Precision Nutrition and Data Science | Bruce Y. Lee, MD, MBA Professor of Health Policy Director of PHICOR |
| 12-Jan | 09:00 - 09:55 AM | SECTION 4: Training the Next Generation of a Diverse Workforce of Researchers in the Fields of Precision Nutrition and Data Science | Strategies to Retain Trainees and Hybrid Field | Patricia Mabry, PhD Research Investigator, He |
| 12-Jan | 09:15 - 09:35 AM | SECTION 4: Training the Next Generation of a Diverse Workforce of Researchers in the Fields of Precision Nutrition and Data Science | Strategies to Retain Trainees and Hybrid Fields: NIH Office of Behavioral and Social Sciences Research T32 Training Program | Elizabeth Ginexi, PhD Office of Behavioral and Sc |

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| 12-Jan | 09:55 - 10:30 AM | SECTION 4: Training the Next Generation of a Diverse Workforce of Researchers in the Fields of Precision Nutrition and Data Science | Section 4 Q&A and Panel Discussion, Training Recommendations, and Opportunities | Susan Gregurick, PhD Associate Director for Data Michael Hittle, BS Doctoral Student in Epidemiology Jessica Mazerik, PhD Program Director for Data Lorene Nelson, PhD, MS Associate Professor, Department of Shurjo Sen, PhD National Human Genome Research Institute Patricia Mabry, PhD Research Investigator, Health Elizabeth Ginexl, PhD Office of Behavioral and Social Sciences Bruce Y. Lee, MD, MBA Professor of Health Policy Director of PHICOR |
| 12-Jan | 10:45 - 11:00 AM | SECTION 5.1: Systems Science, Data Science, and Computational Analytics | Introduction to System Science and Data Analytics | Bruce Y. Lee, MD, MBA Professor of Health Policy Director of PHICOR |
| 12-Jan | 11:00 - 11:15 AM | SECTION 5.1: Systems Science, Data Science, and Computational Analytics | Precision Public Health Nutrition: Addressing the Social-ecological Settings in Which People Access and Consume Food | Kayla de la Haye, PhD Assistant Professor of Precision |
| 12-Jan | 11:15 - 11:30 AM | SECTION 5.1: Systems Science, Data Science, and Computational Analytics | Data Analytics and Management: Artificial Intelligence, Such as Machine Learning | Suchi Saria, PhD, MSc Director of the Machine Learning Public Health, Johns Hopkins |
| 12-Jan | 11:30 - 11:45 AM | SECTION 5.1: Systems Science, Data Science, and Computational Analytics | Data Analytics and Management: Artificial Intelligence is more than AI | Kristian Hammond, PhD, M Northwestern University |
| 12-Jan | 11:45 - 12:45 PM | | Section 5, Part 1 Q & A | Bruce Y. Lee, MD, MBA Professor of Health Policy Director of PHICOR Kayla de la Haye, PhD Assistant Professor of Precision Suchi Saria, PhD, MSc Director of the Machine Learning Public Health, Johns Hopkins Kristian Hammond, PhD, M Northwestern University |
| 12-Jan | 01:00 - 01:15 PM | SECTION 5.2: Systems Science, Data Science, and Computational Analytics | Interpretation and Translation | Nico Pronk, PhD President and Chief Scientist Visiting Scientist, Harvard |
| 12-Jan | 01:15 - 01:30 PM | SECTION 5.2: Systems Science, Data Science, and Computational Analytics | Ethical Artificial Intelligence | Brendan Parent, JD Assistant Professor of Medicine |
| 12-Jan | 01:30 - 02:45 PM | SECTION 5.2: Systems Science, Data Science, and Computational Analytics | Section 5, Part 2 Q&A and Panel Discussion, Research Gaps and Opportunities, and Case Examples | Eran Segal Professor at the Department of Tim Spector, MBBS, MD, M FRCP, King's College London Abigail L. Horn, PhD Postdoctoral Research Fellow Grace Peng, PhD Director of Mathematical and Institutes of Health Nico Pronk, PhD President and Chief Scientist Visiting Scientist, Harvard Brendan Parent, JD Assistant Professor of Medicine |
| 12-Jan | 03:00 - 04:40 PM | SECTION 6: Putting It All Together: What Does the Future Hold for Implementing Precision Nutrition Science? | Panel Discussion with Co-Chairs | Bruce Y. Lee, MD, MBA Professor of Health Policy Director of PHICOR Elizabeth Parks, PhD Professor, Department of José Ordovás, PhD Director of Nutrition and |

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| 12-Jan | 03:00 - 04:45 PM | SECTION 6: Putting It All Together: What Does the Future Hold for Implementing Precision Nutrition Science? | Workshop Adjournment | José Ordovás, PhD Director of Nutrition and C Bruce Y. Lee, MD, MBA Professor of Health Policy Director of PHICOR Elizabeth Parks, PhD Professor, Department of I |
| 12-Jan | 03:00 - 04:45 PM | SECTION 6: Putting It All Together: What Does the Future Hold for Implementing Precision Nutrition Science? | Workshop Closing Remarks | Elizabeth Parks, PhD Professor, Department of I José Ordovás, PhD Director of Nutrition and C Bruce Y. Lee, MD, MBA Professor of Health Policy Director of PHICOR |