**附件1. 课程表（样例）**

|  |  |
| --- | --- |
| 第1天  SUN | Arrival to Boston |
| 第2天  MON | 149 13th Street, Charlestown, 02129  10:00 – 10:30 AM Registration  10:30-11:00 Welcome Remarks; Dr. Bruce Rosen, MD, PhD  11:00-12:00 Introduction to the Martinos Center; Bill Shaw  11:00-12:00 Course Overview and Overall Plan; Dr. June Kong, MD  14:00-15:00 Medical Professional Career in the USA vs China; Dr. June Kong, MD  15:00-16:00 Panel: Career Advancement, Research Management, Technical Strategies, Pressures of Securing Outside Research Funding; Dr. Robert Barry, PhD, Dr. Jason Stockmann, PhD, Dr. Eric Gale, PhD  18:30-20:30 Welcome Dinner Reception |
| 第3天  TUE | 55 Fruit St, Boston, MA 02114  10:30-12:00 MGH History Museum and Ether Dome Tour (2 North Grove Street, Boston, MA 02114  Contact Number: 617-724-8009)  14:00-15:00 Clinical Trial Design and Data Management; Dr. Jian Kong, MD  15:00-16:00 Clinical Trial Case Discussion; Dr. June Kong, MD  16:00-17:00 Panel: Clinical Trial Dr. June Kong, MD; Dr. Jian Kong, Dr. Mason Wang |
| 第4天  WED | 149 13th Street, Charlestown, 02129  9:00-10:00 Group Discussion and Q&A Session with Martinos Faculty Members  10:00-11:00 Microbiome and its diagnostic value in ASD and other medical conditions; Dr. June Kong, MD  11:00-12:00 Introduction and discussion of Microbiome reports by SYNAPSE Lab  14:00-15:00 Panel: Women in Science and Navigating Careers in Research, Medicine and Science  15:00-16:00 Psychological Testing in Clinical Research; Dr. Maria Mody, PhD  16:00-17:00 Introduction to Early Screening and Developmental Testing Methodologies in Clinical Research |
| 第5天  THU | 149 13th Street, Charlestown, 02129  9:00-10:00 Group Discussion and Q&A Session with Martinos Faculty Members  10:00-11:00 Introduction to Functional Magnetic Resonance Imaging (fMRI); Dr. Kenneth Kwong, PhD  11:00-12:00 Tour of MRI, Mary O’Hara  14:00-15:00 Applications of Functional MRI in Studies of Human Visual System; Dr. Shahin Nasr, PhD  15:00-16:00 Group Discussion: Neuro-imaging Interpretation; Dr. Constantina Treaba, MD, PhD |
| 第6天  FRI | 149 13th Street, Charlestown, 02129  9:00-10:00 Microstructural Imaging Using Diffusion MRI; Dr. Susie Huang, MD, PHD  10:00-11:00 Group Discussion  11:00-12:00 Life at the Bottom: Deconstructing MRI at 6.5 mT; Dr. Matthew Rosen, PhD  12:00-12:30 Tour of low field MRI lab; Dr. Matthew Rosen, PhD  14:30-15:30 Panel: Research Applications to MRI Studies |
| 第7,8天  SAT, SUN | Free Time or optional excursion |
| 第9天  Mon | 149 13th Street, Charlestown, 02129  9:00-10:00 Group Discussion and Q&A Session with Martinos Faculty Members  10:00-11:00 Introduction to Simultaneous PET/MR; Dr. Hsiao-Ying (Monica) Wey, PhD  11:00-12:00 Radiology and Laboratory and Non-Clinical PET Tracer Production for Human Administration in Research Studies; Judit Sore  12:00-12:30 Tour of Radiology and Laboratory; Judit Sore, Monica Wey  14:00-15:00 PET Probe Development; Dr. Changning Wang, PhD  15:00-16:00 Interpretations of PET/MRI and Pharmokinetic Modeling, Dr. Julie Price, PhD  16:00-17:00 Group Discussion and Q&A Session with PET/MRI Program Staff The Athinoula A. Martinos Center for Biomedical Imaging @ Massachusetts General Hospital 149 13th Street, Suite 2301 | Charlestown, MA 02129 |
| 第10天  TUE | 149 13th Street, Charlestown, 02129  9:00-10:00 Group Discussion and Q&A Session with Martinos Faculty Members  10:00-11:00 Introduction to Magnetoencephalography; MEG specialist  11:00-12:00 MEG Demonstration and Group Discussion; Nao Matsuda  14:00-15:00 Introduction to Electroencephalography  15:00-16:00 EEG Demonstration and Group Discussion; Nao Matsuda |
| 第11天  WED | 330 Brookline Ave, Boston 02215  9:00-10:00 Group Discussion and Q&A Session with Longwood Faculty Members  10:00-11:00 Understanding the Immunotherapy of Cancer: Past, Present, and Future; Dr. Mason Wang, PhD  12:00-1:00 Longwood Tour of BIDMC, BCH, BWH; Dr. Mason Wang, PhD  13:30-14:30 Introduction to Stem Cell Research, Dr. Christoph Budjan, PhD  14:30-15:30 Tour of Research Lab, Countway Library, Museum, and Harvard Medical School; Dr.Christoph Budjan, PhD  15:30-17:00 Harvard Medical and Dental Student Panel |
| 第12天  THU | 9:00-10:00 Group Discussion and Q&A Session with Martinos Faculty Members  10:00-11:00 Introduction fNIRS Applications and Data Analysis; Dr. Mari Franceschini, PhD  11:00-12:00 Applications of fNIRS with Psychiatric Disorders; Dr. Jiuju Wang, PhD  12:00-1:00 NIRS demonstration; Optics Lab @ Martinos Center  14:00-15:00 Using AI Computational Modeling to Detect Disease  15:00-16:00 Applications of Eye Tracking and Face Recognition; Dr. Nouchine Hadjikani, MD, PhD  16:00-17:00 Eye tracking and Virtual Reality to diagnose and treat Autism demonstration; SYNAPSE lab |
| 第13天  FRI | 9:00-12:00 Award Ceremony and Graduation Reception  12:00-2:00 Networking with Martinos Faculty Members |
| 第14天  SAT | Leave Boston |

注：以上课程内容为样例，具体课程表届时将以项目方实际公布为