

Agenda

Monday, September 10th

- 8:00 – 8:30 a.m. Continental Breakfast
- 8:30 – 9:15 a.m. IAB Closed-Door Meeting
- 9:15 -9:30 a.m. Opening Remarks.
- 9:30 – 9:45 a.m. State of the CCBGM Report Ravi Iyer, Ph.D., Center Director, Univ. of Illinois
Liewei Wang, M.D., Ph.D., Center Co-Director, Mayo Clinic
- 9:45 – 10:30 a.m. NSF I/UCRC Presentation, Dee Hoffman, Ph.D., CCBGM Evaluator
- 10:30 – 10:50 a.m. Morning Break
- 10:50 - noon. Four Funded Project Updates/Quad Chart Report (10 minute highlights with 5 min LIFE Forms).
- 1) From Analytics to Cognition: Taking Genomic and Other Multi-omic Science to the Bedside – Ravi Iyer, Ph.D., Professor, Electrical and Computer Engineering, Univ. of Illinois, Richard Weinshilboum, M.D., Professor, Medicine and Pharmacology, Mayo Clinic
 - 2) Information-Compression Algorithms for Genomic Data Storage and Transfer – Olgica Milenkovic, Ph.D., Associate Professor, Electrical and Computer Engineering, Univ. of Illinois
 - 3) Improving the Accuracy of Genomic Variant Calling Through Deep Learning – Deming Chen, Ph.D., Associate Professor, Electrical and Computer Engineering, Univ. of Illinois
 - 4) Scaling the Computation of Epistatic Interactions in GWAS Data – Liudmila Mainzer, Ph.D., National Center for Supercomputing Applications (NCSA), Univ. of Illinois
- Noon – 1:00 p.m. Lunch
- 1:00 – 2:00 p.m. Proposals for IAB Consideration (30 minutes – 20 min. presentation, 5 min. Q&A, 5 min. LIFE Forms).
- 2:00 – 2:30 p.m. Invited Presentation – Imaging Panel. Moderator – Dr. Kiaran McGee
- 2:30 – 2:50 p.m. Break
- 2:50 – 4:15 p.m. Project Pre-proposals (15 min. presentation, 5 min. Q&A)

- 4:10 – 4:30 p.m. Technical Roadmap Discussion
- 4:30 – 4:35 p.m. Poster Session Preview – Students briefly introduce themselves and their posters
- 4:35 – 5:00 p.m. IAB Meeting – Administrative Issues/Discussions (if needed)
- 5:00 – 5:10 p.m. “Genome: Unlocking Life’s Code” – A Smithsonian Institution Exhibit – what to expect. Jaymi Wilson, Mayo
- 5:15 – 6:15 p.m. Visit the Genome Exhibit at the Rochester Art Center (in the Mayo Civic Center)
- 6:15 – 7:15 p.m. Poster Session/reception – all funded projects and proposed projects – LIFE FORMS
- 7:15 p.m. Conference Dinner – Rochester Art Center

Tuesday, September 11th

- 7:30 – 8:00 a.m. Arrival and Continental Breakfast
- 8:00 – 9:00 a.m. LIFE Form Review and Discussion - All Participants
Dee Hoffman, Ph.D., CCBGM Evaluator, Moderator
- 9:00 – 9:30 a.m. Live Response and Q&A for Projects
- 9:30 – 11:00 a.m. IAB – Closed-Door Meeting, IAB Members and NSF –
Ask the Directors – Q&A for new industry partners
- 11:00 – 11:30 a.m. IAB Report Out, Discussion
- 11:30 – 11:50 a.m. Action Items and Plans for Next Meeting
- 11:50 – noon Summary and Closing Remarks
Ravi Iyer, Ph.D., Center Director, Univ. of Illinois
Liewei Wang, M.D., Ph.D., Center Co-Director, Mayo Clinic

Noon – Adjourn with Box Lunches