

CAGI** Workshop

Agenda

Northeastern University
East Village, 17th Floor
291 St. Botolph Street, Boston, MA 02115

September 29-October 1, 2023

Friday, September 29, 2023

12:00-1:00 Registration

1:00-1:30 Welcome, Overview & Engagement Objectives

1:00-1:15 Predrag Radivojac, Northeastern University

1:15-1:30 Steven Brenner, University of California, Berkeley

1:30-3:30 Rare Disease (Yana Bromberg, Emory University)

1:30-1:35 Introduction

1:35-2:20 Anne O'Donnell-Luria, Broad Institute of MIT and Harvard, keynote

2:20-2:45 Vikas Pejaver, Icahn School of Medicine at Mount Sinai

2:45-3:05 Antonio Rausell, Universite Paris Cite

3:05-3:20 Shilpa Kobren, Harvard Medical School

3:20-3:30 Discussion

3:30-4:00 Break

4:00-6:30 Assessments & Prediction (John Moul, University of Maryland)

4:00-4:05 Introduction

4:05-4:35 Nilah Ioannidis, University of California, Berkeley

4:35-4:55 Xiaoming Liu, University of South Florida

4:55-5:20 Burkhard Rost, Technical University of Munich

5:20-5:45 Clare Bycroft, Google DeepMind

5:45-6:10 Ruchir Rastogi, University of California, Berkeley

6:10-6:30 Discussion

6:30-8:30 Reception & Posters

Saturday, September 30, 2023

8:00-9:00 Breakfast, Mentorship Breakfast

9:00-11:00 Screening & Scaling (Tim Hubbard, King's College London)

09:00-09:10 CAGI context & goals for participants

09:10-09:55 Wendy Chung, Boston Children's Hospital, keynote

09:55-10:25 Robert Green, Harvard Medical School

10:25-10:35 Mugdha Singh, Boston Children's Hospital

10:35-10:45 Brynja Matthiasardottir, University of Maryland, NIH

10:45-11:00 Discussion

11:00-11:30 Break

11:30-1:00 Challenge Organization & Sustainability (Sean Mooney, University of Washington)

11:30-11:35 Introduction

11:35-12:05 John Moulton, University of Maryland

12:05-12:35 D. Sculley, Kaggle

12:35-12:50 Clara De Paolis Kaluza, Northeastern University

12:50-01:00 Discussion

1:00-2:00 Lunch

2:00-4:15 Ethics (Malia Fullerton, University of Washington)

2:00-2:05 CAGI context & goals for participants

2:05-2:30 Andrea Ramirez, All of Us, NIH

2:30-2:55 Malia Fullerton, University of Washington

2:55-3:20 John Basl, Northeastern University

3:20-3:45 Catharine Wang, Boston University

3:45-4:15 Panel and Discussion, speakers joined by

Jonathan Marron, Harvard Medical School

Larry Carr, Patient advocate

4:15-4:30 Break

4:30-6:15 Polygenic Risk Scores (Shamil Sunyaev, Harvard Medical School)

4:30-4:45 Introduction

4:45-5:10 Sung Chun, Harvard Medical School

5:10-5:35 Doug Speed, Aarhus University, [online presentation](#)

5:35-6:00 Xihong Lin, Harvard T. H. Chen School of Public Health

6:00-6:15 Discussion

Sunday, October 1, 2023

8:00-9:00 Breakfast, Mentorship Breakfast

9:00-10:30 Professional Development (Lenore Cowen, Tufts University)

09:00-09:05 CAGI context & goals for participants

09:05-09:35 Raquel Hill, Spelman College

09:35-10:05 Wyatt Clark, BioMarin

10:05-10:20 CAGI Salon report back

10:20-10:30 Discussion

10:30-11:00 Break

11:00-1:00 Cancer (Marc Greenblatt, University of Vermont)

11:00-11:05 Introduction

11:05-11:35 Joe Gray, Oregon Health & Science University

11:35-11:45 Ece Uzun, Brown University

11:45-12:00 Kivilcim Ozturk, UCSD

12:00-12:25 Hannah Carter, UCSD

12:25-12:50 Rachel Karchin, Johns Hopkins University

12:50-01:00 Discussion

1:00-2:00 Lunch

2:00-3:00 Emerging Methods (Joanne Berghout, Pfizer)

2:00-2:05 Introduction

2:05-2:15 Giulia Babbi, University of Bologna

2:15-2:20 Peiran Jiang, Carnegie Mellon University

2:20-2:25 Hufeng Zhou, Harvard T. H. Chen School of Public Health
2:25-2:30 Tarun Mamidi, University of Alabama, Birmingham
2:30-2:35 Mary Jo Ondrechen, Northeastern University
2:35-2:40 Azza Althagafi, KAUST
2:40-2:45 Atif Shafique, Northeastern University, online presentation
2:45-2:50 Alper Uzun, Brown University
2:50-3:00 Discussion

3:00-3:30 Break

3:30-5:30 Data Platforms (Jose Lugo-Martinez, Carnegie Mellon University)

3:30-3:35 CAGI context & goals for participants
3:35-4:00 Luca Pinello, Massachusetts General Hospital
4:00-4:25 Nikolai Slavov, Northeastern University
4:25-4:45 Evelyn Jagoda, Broad Institute of MIT and Harvard
4:45-5:15 Marc Vidal, Harvard Medical School
5:15-5:30 Discussion

5:30-6:00 Concluding Remarks, Strategic Plans & Forward Action

Sponsors

The CAGI** Workshop was generously supported by:

National Institutes of Health
National Human Genome Research Institute
National Cancer Institute

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