9:30  Morning Keynote
No One Has To Listen To This: Why Storytelling Matters in Science
Ed Yong – Science Writer, The Atlantic

10:45  Diverse Career Panel
Leigh Alexander, Ph.D. - Bioinformatician, SomaLogic
Mary Katherine Connacher, Ph.D. - Scientist, Mosaic Biosciences
Martina Felderman, Ph.D. - Scientist & Entrepreneur, Martina Felderman Coaching
Jenny Palomino, Ph.D. - Curriculum Developer & Instructor, Earth Lab

1:00  CU Institute Speakers & IQ Biology Student Lightning Talks
1:00  Luke Evans, Ph.D. – Institute for Behavioral Genetics / EBIO
1:30  Carrie Eckert, Ph.D. – NREL/RASEI
2:00  IQ Biology student lightning talks
    Andy Kavran, Taisa Kushner, Kaitlin McCreery, Scott Nordstrom,
    Daniel Ramírez, Ignacio Tripodi, Corinne Walsh, Jacqueline Wentz
2:30  Ben Shapiro, Ph.D. – ATLAS Institute / Comp Sci
3:00  Orit Peleg, Ph.D. – BioFrontiers Institute / Comp Sci

Program continues at JSCBB - Butcher Auditorium (map on back)

4:00  Afternoon Keynote
Synapses Lost and Found in Development and Alzheimer’s Disease
Carla Shatz, Ph.D. – Director, Bio-X, Stanford University

5:30  Chords & Codons: Music About Science
The IQ Biology PhD program at the University of Colorado Boulder is designed for students in life sciences, engineering, computer science, and applied mathematics who are interested in joining a network of interdisciplinary faculty and peers in academia and industry. IQ Biology was initiated by Tom Cech, Nobel laureate and Director of the BioFrontiers Institute, through the NSF IGERT program.

IQ Biology Student Lightning Talks

Andy Kavran  
*Intermittent Drug Treatment of Melanoma Cells Delays Resistance to Targeted Therapies*  
Biochem

Taisa Kushner  
*The Artificial Pancreas: One Sweet Ride*  
Comp Sci

Kaitlin McCreery  
*Probing the Interplay of Cellular and Matrix Mechanics within Living Tissues*  
Mech Eng

Scott Nordstrom  
*Modeling Ecology and Evolution: Why Have One When You Can Have Both?*  
EBIO

Daniel Ramírez  
*The Evolution of Gene Expression Regulation*  
MCDB

Ignacio Tripodi  
*Mechanistic Inference from Transcriptomics: Toxicology for the XXI Century*  
Comp Sci

Corrine Walsh  
*Dirt-Derived Probiotics for Plants*  
EBIO

Jacqueline Wentz  
*Diffusion-Driven Instability in Biology*  
Applied Math

CU Institute Speakers

Luke Evans, Ph.D.  
*Exploring the Genetic Architecture of Nicotine Use*  
IBG / EBIO

Carrie Eckert, Ph.D.  
*Developing Next Generation Tools for the Study & Engineering of Non-Model, DOE-Relevant Organisms*  
NREL / RASEI

Ben Shapiro, Ph.D.  
*Science is Beautiful and Your Ideas Are Too*  
ATLAS / CS

Orit Peleg, Ph.D.  
*Collective Physical Computation in Honeybee Swarms*  
BioF / CS

4:00pm – 6:30pm