

CONNECTIONS: BRIDGING SCIENCE & SOCIETY

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.



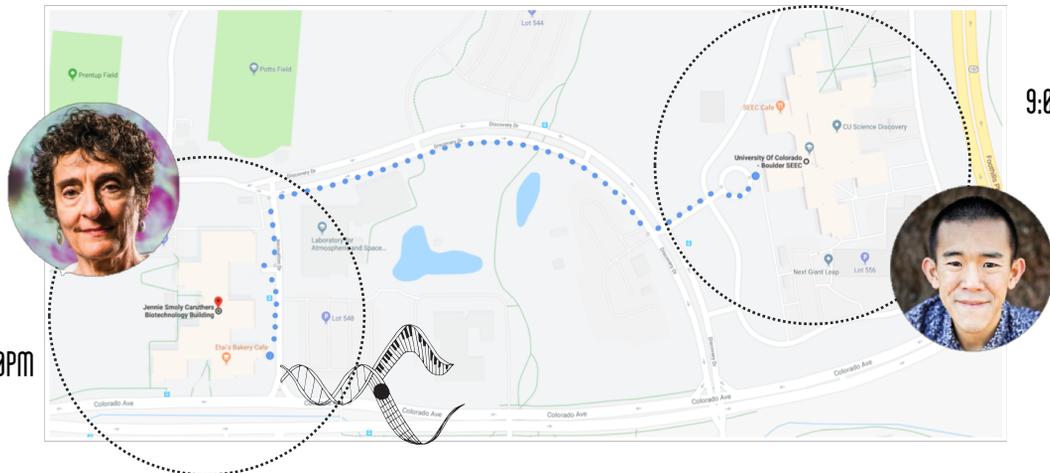
IQ Biology Student Lightning Talks

Andy Kavran	<i>Intermittent Drug Treatment of Melanoma Cells Delays Resistance to Targeted Therapies</i>	Biochem
Taisa Kushner	<i>The Artificial Pancreas: One Sweet Ride</i>	Comp Sci
Kaitlin McCreery	<i>Probing the Interplay of Cellular and Matrix Mechanics within Living Tissues</i>	Mech Eng
Scott Nordstrom	<i>Modeling Ecology and Evolution: Why Have One When You Can Have Both?</i>	EBIO
Daniel Ramírez	<i>The Evolution of Gene Expression Regulation</i>	MCDB
Ignacio Tripodi	<i>Mechanistic Inference from Transcriptomics: Toxicology for the XXI Century</i>	Comp Sci
Corrine Walsh	<i>Dirt-Derived Probiotics for Plants</i>	EBIO
Jacqueline Wentz	<i>Diffusion-Driven Instability in Biology</i>	Applied Math

CU Institute Speakers

Luke Evans, Ph.D.	<i>Exploring the Genetic Architecture of Nicotine Use</i>	IBG / EBIO
Carrie Eckert, Ph.D.	<i>Developing Next Generation Tools for the Study & Engineering of Non-Model, DOE-Relevant Organisms</i>	NREL / RASEI
Ben Shapiro, Ph.D.	<i>Science is Beautiful and Your Ideas Are Too</i>	ATLAS / CS
Orit Peleg, Ph.D.	<i>Collective Physical Computation in Honeybee Swarms</i>	BioF / CS

4:00PM – 6:30PM



9:00AM – 3:30PM