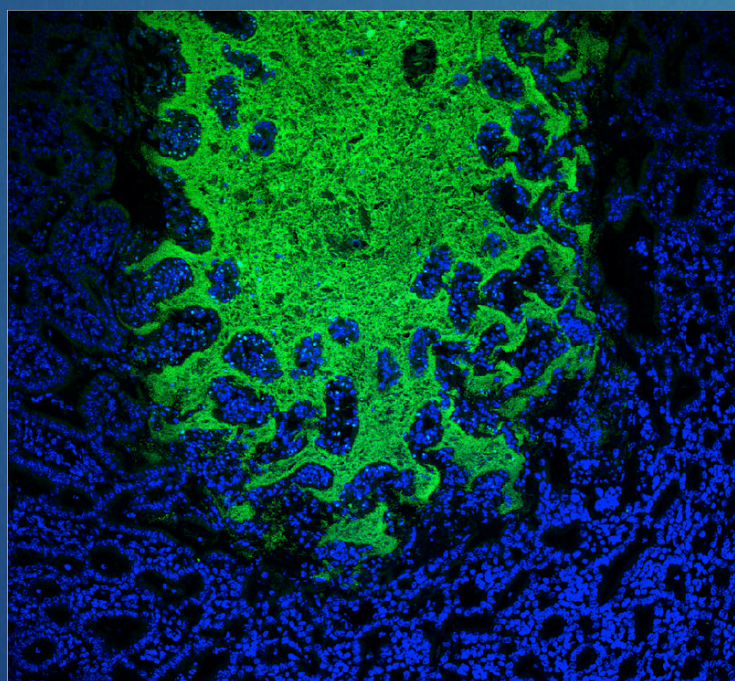


Star Family Challenge

for Promising Scientific Research

**Presentations by
2018 Awardees
4:00 pm - 6:00 pm
April 9, 2018
Faculty Room,
University Hall**

The **Star Family Challenge** is a research award program established at the suggestion of James A. Star '83, supporting FAS and SEAS faculty members in the natural and social sciences pursuing high-risk, high-impact projects with an interdisciplinary focus.



Cora Dvorkin, Assistant Professor of Physics. “Foreground Separation in the Search of Primordial Gravitational Waves.”

Karine Gibbs, Associate Professor of Molecular and Cellular Biology, and **Colleen Cavanaugh**, Edward C. Jeffrey Professor of Biology. “You Can’t Just Go with Your Gut: Determining the Switch to Virulence in Endogenous Members of the Gut Microbiome.”

Peter Girguis, Professor of Organismic & Evolutionary Biology, and **Aspen Reese**, Junior Fellow, FAS Society of Fellows.

“Collecting and Protecting Microbiomes: Leveraging Natural History Collections to Study Microbial Communities.”

Stein Jacobsen, Professor of Geochemistry. “Towards Solving the Younger Dryas Mystery.”

Matthew Nock, Professor of Psychology, **Samuel Gershman**, Assistant Professor of Psychology, and **J.P. Onnela**, Associate Professor of Biostatistics (HSPH). “Using Mobile Passive Monitoring, Real-time Assessment and Dynamic Computational Phenotypes to Understand, Predict and Prevent Suicidal Thoughts and Behaviors.”

This event is open to the Harvard community