

PROJECT TEAM

We have built a strong team of astronomers, statisticians, and engineers critical to the success of the Keck-FOBOS project, as follows:

- **Kevin Bundy (UCO)** is the Principle Investigator, responsible for the overall leadership and success of the project.
- **Kyle Westfall (UCO)** is the Project Scientist, responsible for continued development and refinement of FOBOS's science requirements, including coordinating science-team efforts. He will also lead development of the FOBOS data systems.
- **Nicholas MacDonald (UCO)** is the Lead Engineer, responsible for leading the optomechanical design of the instrument and working with WMKO staff to ensure successful deployment of FOBOS on the Keck II telescope.
- **Maureen Savage (UCO)** is the Project Manager, responsible for maintaining the FOBOS development schedule and budget. She coordinates development of the full project work breakdown structure and project documentation.
- **Renate Kupke (UCO)** is the Instrument Scientist, responsible for ensuring that the instrument meets the FOBOS science requirements.
- **Chad Schafer (CMU)** is the Data-Science Coordinator, responsible for consulting on state-of-the-art solutions to FOBOS's data-science challenges and the efforts of the FOBOS science teams in this regard. Schafer brings invaluable expertise as the co-chair of the LSST Informatics and Statistics Science Collaboration.
- **John O'Meara (WMKO)** is the Chief Scientist for the W. M. Keck Observatory. He will coordinate with the Project Scientist to ensure that the science requirements of FOBOS also meet the larger scientific goals of WMKO.
- **Marc Kassis (WMKO)** is the instrument program manager at the W. M. Keck Observatory, coordinating all instrument development for the WMKO. He will coordinate with the FOBOS instrument team and the WMKO staff regarding the FOBOS design and telescope-integration plan, given the full scope of Keck's development projects.
- **Jon Lawrence (AAO-MQ)** is Head of Instrumentation of Australian Astronomical Optics at Macquarie University and integral to the development of the Starbugs technology. He and his team, with additional optical design consultations from **Will Saunders (AAO)**, will complete their design of the FOBOS Starbugs system.
- **Lisa Hunter (UCSC)** is the Director of Institute for Scientist and Engineer Educators (ISEE) and Director of the Akamai Workforce Initiative (AWI) in Hawai'i. She will work with the instrument and science teams to organize our Akamai internships and Professional Development Programs.

In addition to the instrument-development team, we have convened three **science teams**, one for each of the main science themes of our proposal:

- **Dark-Energy Science Team:** Peter Capak (CalTech), Rachel Mandelbaum (CMU), Dan Masters (JPL), Jeffrey Newman (Pitt), Markus Michael Rau (CMU), and Jason Rhodes (JPL).
- **Proto-Galaxy Ecosystem Science Team:** George Becker (UCR), Alison Coil (UCSD), Michael Cooper (UCI), Brian Siana (UCR), J. Xavier Prochaska (UCSC), Alice Shapley (UCLA), and Gillian Wilson (UCR).
- **Local Group Science Team:** Puragra Guhathakurta (UCSC), R. Michael Rich (UCLA), Connie Rockosi (UCSC), Laura Sales (UCR), Daniel Weisz (UCB), and Yuan-Sen Ting (Princeton).