

John Beacom is the Director of the Center for Cosmology and Astroparticle Physics (CCAPP), which is a rich environment that encompasses students, postdocs and faculty researching topics related to physics and astronomy. Over the last decade, CCAPP has become well-known throughout the academic community for its collaborative research atmosphere, which has facilitated the academic development of graduate students, postdocs, and junior faculty. These successes are due, in very large part, to John's exceptional vision, conscientious leadership, and careful attention to detail.

**Research Mentorship:** John's research focuses primarily on neutrinos. However, his scientific expertise broadly encompasses astrophysics, particle physics, cosmology, and nuclear physics. Throughout this career, John has put forth considerable effort to acquire a deep technical knowledge of each CCAPP postdocs' research program. He routinely provides the most detailed comments for a multitude of papers produced throughout CCAPP, and regularly asks the most insightful questions at a variety of CCAPP seminars. Despite his busy administrative and teaching schedule, John regularly checks in on the progress of each postdoc and (as the last person out of the office nearly every night) is regularly available to offer prompt advice regarding technical problems. John expertly tunes his mentorship to match each individuals' experience level, technical expertise, and future academic goals.

**Establishing an inclusive atmosphere:** In academic departments, there is a tendency for researchers to adopt a myopic focus on their sub-field while ignoring colleagues' work. As CCAPP director, John actively encourages us to identify and exploit the interdisciplinary connections available within CCAPP. These multidisciplinary efforts have enabled many of CCAPP's most valuable scientific contributions: including the development of the "All-Sky Automated Survey for Supernova" program, as well as CCAPP's leadership roles in critical missions such as DES, WFIRST and ANITA. These programs benefit both from John's extremely broad technical expertise, as well as his deep insights into the future of the field. John is adept at finding opportunities to integrate each postdoctoral fellow's technical expertise into a dynamic research group that is better than the sum of its parts.

In addition to fostering academic interactions, John is staunchly active in making CCAPP an inclusive community. He is a vocal and supportive advocate for women and minorities in academia, both within CCAPP and throughout the field. In 2017, John was a leading Co-Organizer of TeVPA 2017 (370 registrants) at OSU, which is (to our knowledge) the first major astroparticle conference where a majority of the plenary speakers were women. Currently, he is serving as the faculty sponsor for the upcoming *Science Accessibility Conference* (led by 2018 Presidential Prize Recipient Anna Voelker), which will bring more than 50 featured speakers, as well as researchers, teachers, and students to OSU on June 28-29 to discuss methods for improving the accessibility of science for people with disabilities.

**Career Mentorship:** From the day a postdoc arrives, John is engaged in assisting them to achieve the best possible career outcome, whether it be inside or outside academia. His approach is multifaceted, but several innovations stand out. John developed a postdoc mentoring system that pairs each fellow with a different faculty advisor each semester to discuss career progress and directions. These meetings provide postdocs with a wide variety of insights and foster both academic and social connections. John has also established, through a partnership with the Erdos Institute, a regular physics seminar called "Invitations to Industry", which highlights how skills learned in physics and astronomy research can be translated into industry success. This program has provided numerous ex-CCAPP students and postdocs with critical career advice that has led to successful transitions into jobs at companies such as Ford and Lincoln Labs. Finally, due in large part to John's leadership, CCAPP has been extraordinarily successful in promoting postdoctoral fellows to faculty positions. Notably, 22 out of 35 (63%! ) of CCAPP Postdoctoral Fellows have obtained tenure-track or equivalent permanent academic positions, a ratio which stands out even among the most elite US institutions.

**Signed (CCAPP Fellows):** Ami Choi, Johnny Greco, Tim Linden, Ashley Ross, Debopam Som, Tuguldur Sukhbold, Heidi Wu, Steven Prohira **(CCAPP Alumni):** Katie Auchettl, Jonathan Blazek, Mauricio Bustamante, Eric Huff, Michael Troxel, Tim Eifler