



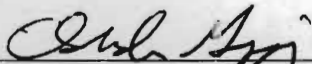
August 6, 2009

Pamela Snyder
Director of Sponsored Programs
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Oberlin College
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This letter is to confirm & document the institutional commitment of Arizona State University, an Educational Institution, of the participation of Dr. Christopher Groppi of the School of Earth and Space Exploration in the proposal being submitted by Oberlin College entitled, "Development of the Atacama Sub-millimeter Telescope Robotic Observatory (ASTRO)." As part of the proposed effort, The School of Earth and Space Exploration, under the direction of Assistant Professor Chris Groppi, will be responsible for the design, fabrication and testing of state of the art heterodyne receiver modules for the project. The detector design will be based largely on SuperCam, a NSF funded, 64 pixel, heterodyne array receiver being built for the Arizona Heinrich Hertz Submillimeter Observatory (HHSMT). The cost share of \$227,126 for this effort is provided by Professor Groppi's state-funded start-up award from the University. The ASTRO proposal effectively leverages on the expertise and infrastructure available at its partner institutions and will provide new capabilities that benefit the astronomy community as a whole. The project is a true team effort between all the faculty, researchers, and students involved. We look forward to a successful outcome.


ASU cost share commitment: \$227,126

School of Earth and Space Exploration



Christopher Groppi, Assistant Professor

School of Earth and Space Exploration

 8/6/09

Kip Hodges, Director

College of Liberal Arts and Sciences:

 7 Aug 09

Terrie Lee Ekin, Director Research Administration

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