

Adam J. Burgasser, Ph.D.

CURRICULUM VITAE

Kavli Institute for Astrophysics and Space Research
Massachusetts Institute of Technology, Bldg. 37-664B
77 Massachusetts Ave
Cambridge, MA 02139 USA

Tel: 1 (617) 452 5113
Fax: 1 (617) 253 9798
ajb@mit.edu
<http://web.mit.edu/~ajb/www>

- Current Position** Assistant Professor, Dept. of Physics, Massachusetts Institute of Technology
- Research Interests** Very low mass stars and brown dwarfs, optical and near-infrared spectroscopy, magnetic activity, stellar multiplicity, high-resolution imaging, near-infrared instrumentation.
- Professional Preparation** Ph.D. (Physics, Planetary Science minor), California Institute of Technology, 2001
Thesis title: “*The Discovery and Characterization of Methane Bearing Brown Dwarfs and the Definition of the T Spectral Class.*”
Advisors: Prof. M. E. Brown and Dr. J. D. Kirkpatrick
M.S. (Physics), California Institute of Technology, 1999
B.S. (Physics), UC San Diego, 1996
- Appointments** Spitzer Postdoctoral Fellow, American Museum of Natural History, 2004-2005
Hubble Postdoctoral Fellow, UC Los Angeles, 2001-2004
Research Scientist, 2MASS Rare Objects Team, 1998-2001
Research Assistant, Jet Propulsion Laboratory, 1997-1998
- Teaching and Educational Outreach** Lecturer, 8.012: Physics I (Classical Mechanics) for Majors, 2006-2007
Lecturer, 8.972: Exoplanets and Brown Dwarfs, 2007
Instructor, CFAO Akamai and Mainland Short Courses, 2004
Co-developer, L and T Dwarf Archives, <http://dwarfarchives.org>
Thesis advisees:
Emily Levesque (undergraduate senior thesis, MIT)
Jacqueline Faherty (graduate thesis, American Museum of Natural History)
- Service** Spitzer Space Telescope Allocation Committee, Cycle 5, 2008
HST Telescope Allocation Committee, Cycles 13-14, 2006-2007
NOAO Telescope Allocation Committee, 2004-2007
Galactic Panel Leader, Spitzer Warm Mission Planning Meeting, 2007
International Representative, Australian Telescope Users Committee, 2004
Journal Referee: AJ, A&A, ApJ, MNRAS, Nature Physics, PASP
- Major Funding** NSF Major Research Initiative Award: “*FIRE: Development of an Innovative Near Infrared Spectrometer for the Magellan*” (with R. Simcoe and P. Schechter), 2006
PI, Hubble Space Telescope GO program (9833), 2003
PI, Spitzer Space Telescope DDT/GO programs (251, 3259, 20544), 2004-2006
- Professional Affiliations** American Association for the Advancement of Science, American Astronomical Society, International Astronomical Union