

Adam Jonathan Burgasser

Professor of Physics

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Current Positions	Full Professor of Physics, University of California San Diego Visiting Professor, University of Bern
Research Interests	Low-mass stars, brown dwarfs, and extrasolar planets; stellar magnetic activity; very low-mass binaries; Milky Way populations; data science; physics education; art-science collaborations; equity, diversity & inclusion
Education	Ph.D. (Physics), California Institute of Technology, 2001 M.S. (Physics), California Institute of Technology, 1999 B.S. (Physics), UC San Diego, 1996
Previous Positions	Asst/Assoc/Full Professor of Physics, UCSD, 2009-present Asst/Assoc Professor of Physics, MIT, 2005-2009 Graduate Affiliate Faculty, University of Hawaii, 2008-2011 Spitzer Postdoctoral Fellow, Amer. Museum of Natural History, 2004-2005 Hubble Postdoctoral Fellow, UC Los Angeles, 2001-2004
Selected Honors and Awards	Hans Sigrist Foundation Visiting Professor, U. Bern 2019 US/UK Fulbright Scholar, U. Exeter 2017 Distinguished Teaching Award, UC San Diego, 2016 Severo Ochoa Visiting Prof, Instituto de Astrofisica de Canarias, 2014 Outstanding Mentor Award, UC San Diego, 2014 Equal Opportunity/Affirmative Action and Diversity Award, UCSD, 2014 Chris and Frances Hellman Fellowship, 2010 Spitzer Postdoctoral Fellow, NASA/Spitzer Science Center, 2004-2005 Hubble Postdoctoral Fellow, NASA/STScI, 2001-2004
Select Publications	"A Unified Near Infrared Spectral Classification Scheme for T Dwarfs." Burgasser, AJ , et al. <i>ApJ</i> 637 , 1067-1093 (2006) "FIRE: A Facility Class Near-Infrared Echelle Spectrometer for the Magellan Telescopes." Simcoe, R, Burgasser, AJ , et al. <i>PASP</i> 125 , 270 (2013) "Seven temperate terrestrial planets around the nearby ultracool dwarf star TRAPPIST-1." Gillon, M et al. (w/ Burgasser, AJ). <i>Nature</i> 542 , 456 (2017) "Relevance and responsibility: preliminary results from implementation of a cooperative problem solving model in a large introductory physics course" Burgasser, AJ , et al. <i>2016 PERC Proceedings</i> , 60 (2016) "Why I Teach Growth Mindset." Burgasser, AJ <i>Nature Astro.</i> 3 , 1038 (2019)
Diversity Initiatives	Chair, AAS Comm. on the Status of Minorities in Astronomy (2013-2016) Co-director, UCSD-Morehouse-Spelman Physics Pathways (2013-2016) Co-organizer, 2015 Inclusive Astronomy Conference Lead Faculty organizer, APS Conferences for Undergraduate Women in Physics (UCSD host site), 2016 Organizer, CPAPC Southern California Physics Graduate Admissions Bootcamp, 2016 & 2017 Faculty Lead, SDSS Faculty and Student Teams (FAST), 2016-2018