

Andrea M. Ghez

Education:	Ph.D., Physics, California Institute of Technology	1992
	B.S., Physics, Massachusetts Institute of Technology	1987
Professional Experience:	University of California Los Angeles	
	Full Professor of Physics & Astronomy	2000 - present
	Associate Professor of Physics & Astronomy	1997 - 2000
	Assistant Professor of Physics & Astronomy	1994 - 1997
	University of Arizona, Steward Observatory	
	Hubble Postdoctoral Research Fellow	1992 - 1993
Research Interests	Galactic Center, Black Holes, Star Formation	
	Brown Dwarfs, Circumstellar Disks, Adaptive Optics	
Awards and Honors:	Lauren Leichtman & Arthur Levine Chair in Astrophysics	2009
	MacArthur Fellowship	2008
	Aaronson Award	2006
	National Academy of Sciences, elected	2004
	American Academy of Arts & Sciences, elected	2004
	Sackler Prize	2004
	Maria Goeppert-Mayer Award, American Physical Society	1999
	Newton Lacy Pierce Prize, American American Society	1998
	UCLA Physics Department Teaching Award	1997,1998,2005
	Packard Fellowship	1996
Recent Invited Talks	U. Wisconsin-Madison, Whitford Lecture in Astronomy	2010
	OSA Frontiers in Optics Meeting, Plenary Talk, San Jose, CA	2009
	Cal State LA, Leon Pape Memorial Lecture	2009
	MIT, Bruno Rossi Lecturer in Astrophysics	2009
	TED Global "Substance of Things Unseen," Oxford, UK	2009
	Marcel Grossman 12, Plenary talk, Paris, France	2009
	Royal Astronomical Society, Eddington Lecture, London, UK	2009
	Princeton, Astronomy Colloquium	2009
Selected Service Activities:	UC Commission on the Future, Research Strategies	2010 -
	NRC Astronomy 2010 Decadal O/IR from the Ground Committee	2009-2010
	NRC Board on Physics & Astronomy	2004 - 2010
	Thirty Meter Telescope Science Advisory Committee	1999 -
	UCLA Early Care & Education Board	2005 -
	UCLA Executive Vice Chancellor Advisory Search Committee	2008
	NAS Astronomy Search Committee (co-chair)	2007 -

Mentoring (current* & past):

Postdocs - Will Clarkson*, Marshall Perrin*, Nate McCrady, Leo Meyer, Jörge-Uwe Pott, Elise Furlan, Andrea Stolte, Samir Salim, Gaspard Duchêne, Lisa Prato
Graduate Students (PhD) - Tuan Do*, Sylvana Yela*, Quinn Konopacky, Jessica Lu, Seth Hornstein, Caer McCabe, Angelle Tanner, Jennifer Patience, Russel White; (MS) - Jon Kemal*, Marc Rafelski, Shelley Wright, Suvi Gezari, Mike Berkovitch, Beth Klein
Undergraduates - Kim Phifer*, Claire Dorman, Ryan Trainor, Hal Cambier, James Dunn, Jill Naiman, Lia Corrales, Javiera Guedes, Fabio Altenbach, Hamadi Macintosh, Priya Sheth, Amanda Young, Michele Carpenter, Louis Levenson, Ted Kremenek, David Sand, Whitney Raas, Nairn Baliber, Jason Weis, Mia Smith, Marlon Jimenez, Tracy Beck
High School - Stephanie Laga, Christopher Ballard, Katie Love-Cooksey, Simone Kleine
Demographics: strong representation of under-represented groups (23 women, 2 Hispanics, & 1 African-American)

Selected Publications:

Ghez, A.M., Neugebauer, G., Gorham, P., Haniff, C., Kulkarni, S., Matthews, K., Koresko, C., & Beckwith, S. 1991, "Diffraction Limited Infrared Images of the Binary Star T Tauri," *AJ*, 102, 2066
Ghez, A.M., Neugebauer, G., & Matthews, K. 1993, "The Multiplicity of T Tauri Stars in the Taurus-Auriga & Ophiuchus-Scorpius Star Forming Regions: A 2.2 μm Imaging Survey," *AJ*, 106, 2005
Ghez, A.M., Klein, B.L., Morris, M., & Becklin, E.E. 1998, "High Proper Motion Stars in the Vicinity of Sgr A*: Evidence for a Supermassive Black Hole at the Center of Our Galaxy," *ApJ*, 509, 678
Ghez, A. M., Morris, M., Becklin, E. E., Kremenek, T., & Tanner, A. 2000, "The Accelerations of Stars Orbiting the Milky Way's Central Black Hole," *Nature*, 407, 349
Ghez, A. M., Duchêne, G., Matthews, K., et al. 2003 "The First Measurement of Spectral Lines in a Short-Period Star Bound to the Galaxy's Central Black Hole: A Paradox of Youth," *ApJ*, 586, L127
Ghez, A. M., Wright, S. A, Matthews, K., et al. 2003, "Variable Infrared Emission from the Supermassive Black Hole at the Center of the Milky Way," *ApJ*, 601, L159
Ghez, A. M., Salim, S., Hornstein, S. D., Tanner, A., Morris, M., Becklin, E. E., Duchêne, G. 2005, "Stellar Orbits Around the Galactic Center Black Hole," *ApJ*, 620, 744
Ghez, A. M., Salim, S., Weinberg, N. N., et al. 2008, "Measuring Distance and Properties of the Milky Way's Central Supermassive Black Hole with Stellar Orbits," *ApJ*, 689, 1044

Selected Public Outreach Activities:

Australian Broadcasting Corp, The Science Show, Robyn Williams
Planetarium show "Black Holes: The Other Side of Infinity produced by the Denver Museum of Nature and Science in association with the PBS science series, NOVA
Nova, "Monster of the Milky Way"
History Channel, "The Universe"
Featured in "Here.Now.UCLA" TV Spot for UCLA