

PROFESSIONAL PREPARATION	Indiana University University of California, Los Angeles University of California, Los Angeles	Physics, Astronomy Astrophysics Astrophysics	B.S., 2007 M.S., 2009 Ph.D., 2013 (anticipated)
APPOINTMENTS	<ul style="list-style-type: none"> 2007-2013, University of California, Los Angeles: Graduate student researcher. 		
PRIMARY PUBLICATIONS	<ul style="list-style-type: none"> Mills, E.A., Morris, M.R., Lang, C.C., Cotera, A., Dong, H., Wang, Q.D., Stolovy, S. <i>Properties of the Compact H II Regions G-0.02-0.07</i>. 2011, ApJ, 735:84-96 Dong, H., Wang, Q.D., Cotera, A., Stolovy, S., Morris, M.R., Mauerhan, J., Mills, E.A., Schneider, G., Calzetti, D., Lang, C. <i>Hubble Space Telescope Paschen α survey of the Galactic Centre: data reduction and products</i>. 2011, MNRAS, 417:114-135 Stolte, A., Ghez, A.M., Morris, M.R., Do, T., Ballard, C., Mills, E.A., Lu, J.R., Matthews, K. <i>L-band sources in the Arches cluster</i>. 2010, ApJ, 718:810-831 Bally, J., Aguirre, J., Battersby, C., Bradley, E.T., Cyganowski, C., Dowell, D., Drosback, M., Dunham, M.K., Evans, N.J. II, Ginsburg, A., Glenn, J., Harvey, P., Mills, E., Merello, M., Rosolowsky, E., Shirley, Y.L., Schlingman, W., Stringfellow, G., Walawender, J., Williams, J. <i>The Bolocam Galactic Plane Survey: Dust Continuum Emission in the Galactic Center Region</i>. 2010, ApJ, 721:137-163 Rafelski, M., Foley, M., Graves, G., Kretke, K.A., Mills, E., Nassir, M., Patel, S. <i>Teaching Astronomy with an Inquiry Activity on Stellar Populations</i>. ASP Conference Series 436, 108 		
SYNERGISTIC ACTIVITIES	<ul style="list-style-type: none"> NRAO Wiki Redesign Summer 2012 Redesigned the National Radio Astronomy Observatory software wiki to improve the user interface and make the available content more visible to increase its effectiveness NSF GK-12 Fellow: Lesson development 2010- 2011 Spent two days a week at a local middle school co-teaching and enhancing the science curriculum by developing new lesson materials, which are made publicly available online UCLA Outreach 2009-2012 Helped found UCLA outreach program, and run more than ten large events including an annual open house. Adapted, developed, and documented several cornerstone activities. Akamai: Inquiry design July 2009 Led a teaching and development team for a week-long program of inquiry-based astronomy to prepare students for an 8-week long engineering internship at Mauna Kea Observatories. Journal club coordinator 2008-2009 Coordinated with speakers to organize a graduate student and visitor science seminar Po'okela: Inquiry design July 2008 Helped develop inquiry-based lessons and co-teach a week-long astronomy program geared toward encouraging students to remain on Hawaii and pursue technical careers. 		

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