



Eddie J. Guerra

Associate Professor
Physics & Astronomy

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Education:

BS (Engineering Physics with Honors), University of California at Berkeley
MA (Physics), Princeton University
PhD (Physics), Princeton University
Postdoctoral (Physics), Gravity Group, Princeton University

Research Expertise:

Active Galaxies | Cosmology | Galaxy Photometry | Diversity in Science

Active galactic nuclei (AGN) are among the most distant objects observed, and the light we observe from AGN originated billions of years ago. Many advances in cosmology have come from precise measurements of the cosmic microwave background at radio wavelengths. My astronomy research has an observational emphasis, although the motivations arise out of theoretical issues raised in the study of AGN and cosmology. This includes past work in radio interferometry, theoretical studies, and recent work on a program of CCD photometry using the 0.4-meter telescope atop Science Hall.

I have a commitment to diversity in science that includes collaborations with county colleges to recruit Latino students to science programs at Rowan University

Member of:

American Astronomical Society
Society for Advancement of Chicanos/Hispanics and Native Americans in Science

Most Recent Publications:

Daly RA, Mory MP, O'Dea CP, Kharb P, Baum S, Guerra EJ, Djorgovski SG (2009) Cosmological Studies with Radio Galaxies and Supernovae, *Astrophysical Journal*. 691:1058.

Kharb P, O'Dea CP, Baum S, Daly RA, Mory MP, Donahue M, Guerra EJ (2008) A study of 13 Powerful Classical Double Radio Sources, *Astrophysical Journal Supplement Series*. 174:74. [Erratum (2011) 196:14]