

Biographical Sketch (Shardha Jogee)

Education

- Cambridge University, England – Physics – B.A. Honors (1992), M.A. (1995)
- Yale University, U.S.A – Astronomy – M. S. (1994), M. Phil. (1994), Ph.D. (1999)
- CalTech, U.S.A – Astronomy – Postdoctoral Scholar, Nov 1998 -June 2002

Professional Appointments

- Sep 2015–Present: Astronomy Department Chair, University of Texas at Austin
- 2014–2015: Astronomy Department Associate Chair, University of Texas at Austin
- 2014–Present: Professor, Astronomy, University of Texas at Austin
- 2009–2013: Associate Professor, Astronomy, University of Texas at Austin
- 2004–2008: Assistant Professor, Astronomy, University of Texas at Austin
- 2002–2004: Assistant Astronomer, Space Telescope Science Institute

Science Collaborations

- Galaxy Evolution from Morphology and SEDs (GEMS) ¹
- The Great Observatories Origins Deep Survey (GOODS)²
- Part of Founding Home Team for the Hubble ACS Ultra Deep Field (HUDF)
- Space Telescope A901/902 Galaxy Evolution Survey (STAGES)³
- The HST ACS Treasury Survey of the Coma Cluster⁴
- The GOODS-NICMOS Survey (GNS) of Massive Galaxies at $z \sim 2$
- The Hobby-Eberly Telescope Dark Energy Experiment (HETDEX)
- The VIRUS-P Exploration of Nearby Galaxies (VENGA)

Publications: 181 publications (77 refereed), 6568 citations, 537 citations per year, h-index=40 (as of Oct 15, 2016)

Grant Awards: Awarded \$3,081,468 in federal grants, with \$2,386,468 for research (\$1,759,167 as Principal Investigator) and \$695,000 for education outreach (2003-2016).

Talks: Over 55 invited colloquia and talks at universities and research conferences (e.g., USA, England, France, Germany, the Netherlands, Italy, Spain, South Africa, etc). Recent talks include:

- Invited Review Talk entitled ‘Transforming Galaxies since $z \sim 3$ via Mergers, Gas Accretion, and Secular Processes’ at the international conference on “The Many Pathways to Galaxy Growth”, June 2015, Prato, Italy.
- Invited Talk on ‘Assembly of Massive Galaxies: Emerging Insights and Outstanding Challenges’, Monash University, Australia, June 2015

¹<http://www.mpia.de/GEMS/gems.htm>

²<http://www.stsci.edu/science/goods/>

³www.nottingham.ac.uk/ppzmeg/stages

⁴astronomy.swin.edu.au/coma/

- Invited talk at the conference on “The Triggering Mechanisms for Active Galactic Nuclei”, Lorentz Center, Leiden, The Netherlands (July 2013)
- Invited talk at the conference on “Disc Galaxy Formation in a Cosmological Context”, Max Planck Institute for Astronomy, Germany (May 2012; by invitation only)
- Invited colloquium, Institute for Theory and Computation, Harvard University, USA (March 2011)

Selected Service at the National and International Level

- Selected to represent UT College of Natural Sciences at 2014 Leadership Texas Program for women leaders in industry, government, and academia.
- Referee for ApJ, ApJL, MNRAS, and A&A (2000–Present)
- Member of the IAU Commission 28 on Galaxies (2009–2013)
- Member of the Nominating Committee for the AAS Division of Dynamical Astronomy (2010–2011)
- Member of the ALMA North American Science Advisory Committee (2007–2010)
- Member of the Scientific Organizing Committee for the 3rd North American ALMA Science Center Meeting.
- Chair of the Scientific Organizing Committee for the conference entitled ‘Galaxy Evolution: Emerging Insights and New Challenges’, UT Austin (2009)

Selected Service at the University and Department Level

- Astronomy Department Chair overseeing vision plan, operations, and budget of a department with over 180 members. (Sep. 2015–Present)
- Member of the UT College of Natural Sciences (CNS) Strategic Planning Task Force set up by the CNS Dean Linda Hicke (2012–2013). The task force works collaboratively with the Dean in creating a dynamic and innovative plan for the college’s future.
- Chair, Astronomy Graduate Studies Executive Committee (GSEC) (2012–present)
- Chair, Astronomy Graduate Studies Council (GSC) (2012–present)
- Member, Faculty Search Committee, Astronomy Department (2011–2012, 2013-14)

Selected Educational and Outreach Activities

- Co-authored lecture series ‘*Physics of Active Galactic Nuclei at all Scales*’, Lecture Notes in Physics, Vol. 693, Eds. D. Alloin, R. Johnson, & P. Lira (Springer: Berlin Heidelberg). This textbook is aimed at Ph.D. students and young researchers.
- Used a UT Award for Instructional Innovation Techniques along with funding from NASA and NSF, to develop the *Galaxies and Cosmos Explorer Tool (GCET)*⁵, an online tool to actively engage undergraduate students, high school students, and the general public in ‘surfing’ through large galaxy surveys conducted with NASA’s *Hubble Space Telescope* and exploring galaxies through cosmic time.
- 2012: Invited to lead a feature video for “The Universe” exhibit hall in the new Perot Museum of Science in Dallas, Texas, to encourage students to pursue STEM careers.

⁵<http://www.as.utexas.edu/gcet/>