

CURRICULUM VITAE

Name: **Dr. Casey J. Papovich** — Citizenship: USA
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Professional Development

9/16 —	Texas A&M University	Professor of Physics and Astronomy
5/15 —	Texas A&M University	Marsha L. '69 And Ralph F. Schilling '68 Chair in Experimental Physics
9/12 — 8/16	Texas A&M University	Associate Professor
4/08 — 8/12	Texas A&M University	Assistant Professor
9/05 — 3/08	University of Arizona	NASA/Spitzer Prize Postdoctoral Fellowship
10/01 — 8/05	University of Arizona	Postdoctoral Research Associate Supervisors: Profs. George Rieke and Marcia Rieke
3/97 — 9/01	The Johns Hopkins University	PhD in Physics (awarded 5/2002) Supervisors: Dr. Mark Dickinson and Prof. Colin Norman Dissertation: "On the Nature of the Stellar Content of Galaxies in the Distant Universe"
9/95 — 3/97	The Johns Hopkins University	MA in Physics (awarded 5/1997) Supervisor: Prof. Colin Norman
9/91 — 5/95	The College of William & Mary	BS with honors in Physics (Math Minor)

Selected Grants and Awards

- Grants Summary: Total External Funding Awarded to Papovich since 2008 = \$2.3M
 - All awards are amounts to Papovich. Awards with * are with Papovich as proposal PI.
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| 2019 | NASA/HST grant, "Exploring low-mass galaxies with a MUSE Deep Field" | (TBD) |
| 2019 | NASA/HST grant, "The Low-Redshift Lyman Continuum Survey" | (TBD) |
| 2018 | NASA/JWST grant, "Cosmic Evolution Early Release Science" | (\$56,806) |
| 2017 | Texas A&M Distinguished University Level Award for Research | |
| 2016 | NASA/WFIRST grant, "Cosmic Dawn with WFIRST" | (\$63,084) |
| 2016 | Gemini/AURA grant, "A Two K-band Filter Upgrade for FLAMINGOS2"* | (\$90,696) |
| 2016 | NSF Astronomy/Astrophysics Grant, "Galaxy Growth in Different Environments" | (\$118,074) |
| 2014–2016 | Thomson Reuters Highly Cited Researcher Award (top 1% cited researcher in field) | |
| 2015 | NASA/HST "CANDELS Lyman- α Emission At the Epoch of Reionization"* | (\$269,087) |
| 2015 | NASA ADP grant, "Measuring Star-Formation Rates of AGNs and QSOs"* | (\$81,520) |
| 2014 | NSF Astronomy/Astrophysics Grant, "The Road to the Virgo Cluster"* | (\$199,520) |
| 2012 | NASA/HST grant "Cosmic Assembly Extragalactic Legacy Survey" | (\$175,930) |
| 2012 | Texas A&M Distinguished College Level Award for Teaching | |
| 2010 | NSF Astronomy/Astrophysics grant, "The Fourstar Galaxy Evolution Survey"* | (\$314,321) |

Research Interests and Activities

My research interests are in the formation and evolution of the most distant galaxies, observational cosmology, the growth of large scale structure and its impact on galaxy evolution. This research utilizes data from NASA's space-based Great Observatories (Hubble, Spitzer, Heschel, Chandra), and the largest terrestrial telescopes (Keck, Gemini, VLT, Magellan, ALMA). As of February 2019, I am the author or co-author of more than 210 peer-reviewed publications, which have been cited more than 25,000 times with an *h*-index of 81.

Teaching and Public Outreach Experience

Department of Physics and Astronomy/Texas A&M University

- 2010 ASTR 101, Basic Astronomy:
An introductory course in astronomy for non-science majors.
- 2008-9,11,14,16-18 ASTR 314, Survey of Astronomy:
A calculus-based astronomy course for science and engineering majors.
- 2010 ASTR 489, Extragalactic Astronomy:
An advanced upper-level undergraduate course in extragalactic astronomy and cosmology.
- 2010,12,16,18 ASTR 601, Extragalactic Astronomy:
A required, advanced graduate course in extragalactic astronomy.
- 2010,12,13,16-19 ASTR 681, Astronomy Seminar:
A literature review seminar for graduate students in physics and astronomy.
- 2009 — present Outreach lectures for “Astronomy on Tap” and Campus Observatory Open Houses
- 2018 — present Faculty Lead for “Warrior-Scholar” program
A week-long STEM “boot camp” for veterans transitioning to college

Steward Observatory/University of Arizona

- 9/05 — 6/06 Journal Club Organizer
- 10/01 — 12/07 Outreach with Public Evening Lectures Series
- 10/01 — 12/07 Guest Lecturer, NATS 102 — The Physical Universe

The Johns Hopkins University

- 6/98 — 8/98 Teaching Assistant (Supervisor: D. Reinhardt), 171.101-102 — General Physics I & II
- 9/96 — 5/98 Teaching Assistant (Supervisor: D. Gerdes), 171.301-302 — Electromagnetic Theory I & II
- 9/95 — 5/96 Teaching Assistant (Supervisor: A. Pevsner), 171.411-412 — Advanced Physics Lab I & II

Graduate Students and Postdocs Supervised

Texas A&M University

- Ryan Quadri (2014–2018), Postdoc (now AI Scientist at Smiths Digital Forge)
- Vithal Tilvi (2011–2015), Postdoc (now Postdoctoral Research Fellow, Arizona State Univ.)
- Nicola Mehrtens (2012–2014), Postdoc (now Data Scientist at Synchrony)
- Steven Finkelstein (2008–2011), Postdoc (now Associate Professor, UT-Austin)
- Keely Finkelstein (2009–2011), Postdoc (now Assistant Professor of Instruction/STEM Instruction Consultant, UT-Austin)
- Heath Shipley (2009–2015), PhD Student (now MSI Postdoctoral Fellow, McGill University)
- Brett Salmon (2010–2016), PhD Student (now Postdoctoral Researcher, STScI)
- Steven Boada (2010–2016), PhD Student (now Postdoctoral Resarcher, Rutgers Univ.)
- Lalitwadee Kawinwanichakij (2011–2018), PhD Student (now Kavli Fellow, IPMU, Tokyo)
- Vincent Estrada-Carpenter (2015–), PhD Student
- Taylor Hutchison (2016–), Graduate Student (NSF Graduate Fellow)
- Jacqueline Antwi-Danso (2017–), Graduate Student

University of Arizona

- Christopher Willmer (2005–2007), Postdoc (now Senior Research Associate, University of Arizona)
- Lei Bai, Kristian Finlator, Jane Rigby, Wiphu Rujopakarn, Amelia Stutz, Yong Shi (2003–2008).
PhD students, supervised parts of doctoral research, Univ. of Arizona

Summary of Talks and Presentations, 2009–2019

- Invited Colloquia: 16
- Invited Talks: 21
- Contributed Presentations: 15

Selected Service Activities

Texas A&M University

2018—present	Promotions and Tenure Committee, Department of Physics and Astronomy
2017—present	Advisory Committee, Department of Physics and Astronomy
2012— present	Science Advisory Committee (SAC), Mitchell Institute for Fundamental Physics and Astronomy
2017—2018	Chair, Strategic Planning Committee, College of Science
2016, 2018	Department Head Search Committees, Department of Physics and Astronomy
2010–2012, 2016–2018	Graduate Student Admissions Committee, Dept. of Physics and Astronomy
2008—2018	Colloquium Committee, Department of Physics and Astronomy
2008—2017	Chair, Astronomy Seminar Committee, Department of Physics and Astronomy
2016	Chair, Performance and Evaluation Committee, Dept. of Physics and Astronomy
2011— 2013	McDonald Observatory and Hobby Eberly Telescope Time allocation committee

National and International

2019— present	NASA/Keck proposal review panel
2019	NASA/HST proposal review panel cycle 27
2018— present	Co-Chair, Scientific Organizing Committee (SOC), for conference “Bayron Cycles of Galaxies”
2018— present	Gemini/Fast-turnaround proposal reviewer
2014— present	Project Scientist, GMACS: the Giant Magellan Telescope (GMT) Multiplexed spectrograph for Cosmological and Astrophysical Surveys
2012— present	Chair, GMACS Science Advisory Committee
2011— present	Giant Magellan Telescope (GMT) Science Advisory Committee
2002— present	Reviewer for Nature, the Astrophysical J., Astron. & Astrophys., Monthly Notices of the Royal Astro. Soc.
2012—2017	National Optical Astronomy Observatory (NOAO) Users Group Committee
2017	SOC member for conference “Chemical Evolution of the Universe”
2015	SOC member for conference “Reionization: A Multiwavelength Approach”
2012—2014	Subaru Observatory Time Allocation Committee (TAC)
2014	Texas APS Meeting Organization Committee
2014	NASA/Hubble Fellowship Review Committee
2014	Chair, Scientific organizing committee (SOC) for “GMACS Workshop 2014”
2014	SOC member for conference “Transformational Science in the ALMA Era”
2013	Spitzer Space Telescope Cycle 10 Proposal Review Panel
2013	BigBOSS Community Science Committee
2012	SOC member for conference “Cosmology in the Era of Extremely Large Telescopes”
2011	Chair, SOC for conference “Giant Magellan Telescope Extragalactic Science”
2010	Chair, Spitzer Space Telescope Cycle 8 Proposal Review Panel
2008	NASA/Spitzer Prize Fellowship Review Committee
2008—2011	MAST (Multi-mission Archive at Space Telescope) Users Group
2006—2011	NOAO TAC, Extragalactic Panel