

BIOGRAPHICAL SKETCH OF JOEL M. WEISBERG

Professional Preparation:

Massachusetts Institute of Technology	Earth and Planetary Sciences	B.S., 1972
University of Iowa	Astronomy	M.S., 1975
University of Iowa	Physics	Ph.D., 1978
University of Massachusetts	Postdoctoral Research Associate (Radio Astronomy)	1979-81

Academic Appointments:

<u>Princeton University:</u>	Assistant Professor of Physics	1981-84
<u>Carleton College:</u>		
Asst., Assoc., Prof., and (occas.)	Chair of Physics & Astronomy	1984-2019
	Emeritus Status:	2019-
	Stark Prof. of Physics & Astronomy and the Natural Sciences	2003-2019
	Emeritus Status:	2019-

Professional Interests: Joel studies pulsars, relativistic gravitation, and the interstellar medium with the Arecibo (PR), Green Bank (WV), and Parkes (Australia) radio telescopes. He is the coauthor of over 70 articles in refereed scientific journals (*Astronomical Journal*, *Astronomy & Astrophysics*, *Astrophysical Journal*, *General Relativity & Gravitation*, *Monthly Notices of the Royal Astronomical Society*, *Nature*, *Physical Review Letters*, and *Science*). [See List of Publications for Details](#). He also has strong interests in the field of science and policy, and frequently taught in the Environmental and Technology Studies Program.

Fellowships and Grants:

National Science Foundation (ROA)	1985
National Science Foundation (RUI, 8 Grants)	1987-2018
National Aeronautics and Space Administration Gamma Ray Observatory Contract	1991-92
Carleton Faculty Development Award	1986, 1989, 1993, 2011
National Astronomy and Ionosphere Center Visiting Scientist	1987
University of Sydney School of Physics Visiting Scholar	2001; 2004-05
Australia Telescope National Facility Distinguished Visiting Astronomer	2004-05; 2013

Professional Organizations:

Federation of American Scientists	1972-2018
American Astronomical Society	1976-
American Association of Physics Teachers	1978-
International Astronomical Union	1985-
Council on Undergraduate Research	1989-2009

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Service: (Ongoing activities are marked with a start date only.)

<u>College Physics and Astronomy Teacher:</u> Regularly taught mechanics, relativity, E&M, cosmology, & astrophysics for majors; astronomy, cosmology, and science and technology policy for nonmajors.	1981-2019
<u>Research Mentor for > 70 Undergraduate Students:</u> Supervise astrophysics research of ~2 students (~half are women) during all school years and summers.	1984-2019
<u>Observatory Open House Cosponsor, Scientific Lecturer & Consultant:</u> Monthly observatory open house co-host for public; occasionally also for K-12 school groups and clubs. Scientific lecturer for Eclipse & Archaeoastronomy Expeditions (~8 trips); chief scientific consultant for astronomy and art exhibit at Carleton Art Museum.	1984-
<u>Article Referee</u> for A&A, Am. J. Phys, ApJ, ApJL, Living Rev. Relativity, MNRAS, Nature, PRD, PRL, Rev. Particle Phys., Science	1986-
<u>Grant Proposal Referee</u> for NSF, Research Corp., NSERC (Canada), National Science Centre (Poland)	1988-
<u>College Science Teacher to Members of Groups Underrepresented in the Sciences:</u> -Teach and Mentor in Freshman Science Cohort Program	2007, 13
<u>Cosmology Course Instructor</u> of a college-level class for older adults (Offered three times)	2021-
<u>Astronomer in Residence, Central Idaho Dark Sky Reserve:</u> Advocated for dark skies under the stars and in public lectures during a one-month residency.	2023