

# PHYSICS AND ASTRONOMY

The principles of physics provide the underpinnings for many of the scientific and technological advances of the last several decades.

Experimental research facilities are available in the areas of condensed matter and biophysics. Theoretical studies are conducted in relativity and cosmology, biophysics, and condensed-matter physics. Observational studies focus on relativistic astrophysics, multi-messenger astronomy, and galaxy evolution. Joint study with other departments can also be arranged.

## Programs

- Physics, BS (<https://catalog.uwm.edu/letters-science/physics-astronomy/physics-bs/>)
- Physics, Minor (<https://catalog.uwm.edu/letters-science/physics-astronomy/physics-minor/>)
- Physics, MS (<https://catalog.uwm.edu/letters-science/physics-astronomy/physics-ms/>)
- Physics, PhD (<https://catalog.uwm.edu/letters-science/physics-astronomy/physics-phd/>)

## Faculty

Name	Rank	Degree	School	Graduate Faculty	Emeritus Faculty
Daniel Agterberg	Professor	PhD	University of Toronto	✓	
Donald E. Beck	Professor Emeritus	PhD			✓
Patrick Brady	Professor	PhD	University of Alberta	✓	
Philip Chang	Professor, Chair	PhD	University of California-Santa Barbara	✓	
Yutze Chow	Professor Emeritus	PhD			✓
Jolien Creighton	Professor	PhD	University of Waterloo-Ontario	✓	
Richard H. Dittman	Professor Emeritus	PhD			✓
Dawn Erb	Professor, Associate Chair	PhD	California Institute of Technology	✓	
John L. Friedman	Distinguished Professor Emeritus	PhD			✓
Marija Gajardziska-Josifovska	Professor	PhD	Arizona State University	✓	
Robert G. Greenler	Professor Emeritus	PhD			✓
Prasenjit Guptasarma	Professor	PhD	University of Bombay, India	✓	
Carol Hirschmugl	Professor Emeritus	PhD	Yale University		✓
Ahmad Hosseinizadeh	Assistant Professor	PhD	Laval University	✓	
David Kaplan	Professor	PhD	California Institute of Technology	✓	
Min Gyu Kim	Assistant Professor	PhD	Iowa State University	✓	
Moises Levy	Professor Emeritus	PhD			✓
Paul Lyman	Professor Emeritus	PhD	University of Pennsylvania		✓
Abbas Ourmazd	Distinguished Professor	PhD	Wolfson College, Oxford	✓	
Leonard E. Parker	Distinguished Professor Emeritus	PhD			✓
Sarah Patch	Associate Professor	PhD	University of California-Berkeley	✓	
Ionel Popa	Associate Professor	PhD	University of Geneva, Switzerland	✓	
Valerica Raicu	Professor	PhD	University of Bucharest, Romania	✓	
Bimal K. Sarma	Professor Emeritus	PhD			✓
Glenn Schmieg	Professor Emeritus	PhD			✓
Peter Schwander	Professor	PhD	Swiss Federal Institute of Technology Zürich (ETHZ)	✓	
Dale R. Snider	Professor Emeritus	PhD			✓
Richard S. Sorbello	Professor Emeritus	PhD			✓
Sarah Vigeland	Assistant Professor	PhD	Massachusetts Institute of Technology	✓	
Michael Weinert	Distinguished Professor	PhD	Northwestern University	✓	
Alan Wiseman	Associate Professor	PhD	Washington University	✓	

Robert Wood	Senior Lecturer, Adjunct Associate Professor Emeritus	PhD	Oxford University	✓
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