

# PHYSICS

## DEGREES/MAJORS, DOCTORAL MINORS, GRADUATE/PROFESSIONAL CERTIFICATES

- Physics, Doctoral Minor (<http://guide.wisc.edu/graduate/physics/physics-doctoral-minor/>)
- Physics, M.A. (<http://guide.wisc.edu/graduate/physics/physics-ma/>)
- Physics, M.S. (<http://guide.wisc.edu/graduate/physics/physics-ms/>)
- Physics, Ph.D. (<http://guide.wisc.edu/graduate/physics/physics-phd/>)

## PEOPLE

### FACULTY

More detail about each faculty member (<https://www.physics.wisc.edu/people/faculty/>) and the research areas (<https://www.physics.wisc.edu/research/areas/>) can be found on the Physics website.

Yang Bai, Professor  
 Baha Balantekin, Eugene P. Wigner Professor  
 Vernon Barger, Van Vleck Professor and Vilas Research Professor  
 Keith Bechtol, Associate Professor  
 Kevin Black, Professor  
 Stanislav Boldyrev, Professor  
 Uwe Bergmann, Martin L. Pearl Professor in Ultrafast X-Ray Science  
 Tulika Bose, Professor  
 Victor Brar, Van Vleck Associate Professor  
 Duncan Carlsmith, Professor  
 Daniel Chung, Professor  
 Susan Coppersmith, Emeritus Robert E. Fasnacht Professor and Vilas Research Professor  
 Kyle Cranmer, Professor & Data Science Institute Director  
 Sridhara Dasu, Professor  
 Jan Egedal, Professor  
 Mark Eriksson, John Bardeen Professor and Department Chair  
 Ilya Esterlis, Assistant Professor  
 Lisa Everett, Professor  
 Ke Fang, Assistant Professor  
 Cary Forest, Prager Professor of Experimental Physics  
 Pupa Gilbert, Vilas Distinguished Achievement Professor  
 Francis Halzen, Gregory Breit Professor, Hilldale Professor, & Vilas Research Professor  
 Kael Hanson, Professor  
 Aki Hashimoto, Professor  
 Matthew Herndon, Professor  
 Robert Joynt, Emeritus Professor  
 Albrecht Karle, Professor  
 Roman Kuzmin, Dunson Cheng Assistant Professor  
 Alex Levchenko, Professor  
 Lu Lyu (aka Lu Lu), Assistant Professor  
 Dan McCammon, Professor  
 Robert McDermott, Professor  
 Moritz Muenchmeyer, Assistant Professor  
 Yibin Pan, Associate Professor  
 Brian Rebel, Professor

Mark Rzchowski, Associate Chair and Professor  
 Mark Saffman, Professor  
 John Sarff, Professor  
 Gary Shiu, Professor  
 Paul Terry, Professor  
 Peter Timbie, Professor  
 Justin Vandenbroucke, Associate Professor  
 Maxim Vavilov, Professor  
 Thad Walker, Vilas Distinguished Achievement Professor  
 Sau Lan Wu, Enrico Fermi Professor, Hilldale Professor, and Vilas Research Professor  
 Deniz Yavuz, Professor  
 Ellen Zweibel, William L. Kraushaar Professor of Astronomy & Physics

### AFFILIATED FACULTY

David Anderson, Professor, Electrical & Computer Engineering  
 Paul Campagnola, Professor, Biomedical Engineering  
 Jennifer Choy, Assistant Professor, Engineering Physics  
 Elena D'Onghia, Professor, Astronomy  
 Chang-Beom Eom, Professor, Materials Science & Engineering  
 Chris Hegna, Professor, Engineering Physics  
 Sebastian Heinz, Professor, Astronomy  
 Mikhail Kats, Associate Professor, Electrical & Computer Engineering  
 Jason Kawasaki, Associate Professor, Materials Science & Engineering  
 Irena Knezevic, Professor, Electrical & Computer Engineering  
 Alexandre Lazarian, Professor, Astronomy  
 Daniel Rhodes, Assistant Professor, Materials Science & Engineering  
 Oliver Schmitz, Professor, Engineering Physics  
 Micheline Soley, Assistant Professor, Chemistry  
 Carl Sovinec, Professor, Engineering Physics  
 Richard Townsend, Professor, Astronomy  
 Ying Wang, Assistant Professor, Materials Science & Engineering  
 Jun Xiao, Assistant Professor, Materials Science & Engineering