The physics and astronomy curriculum provides classroom and research experience that prepares a graduate student for a career of either research and teaching at a university, or research and development at an industrial or government laboratory. The courses are well suited to graduate students in chemistry, mathematics, geosciences or engineering, as well as those seeking a graduate degree in physics or astronomy.

The faculty members of the department carry out theoretical and experimental research in the following areas: astronomy, atomic and molecular, computational physics, cosmology, high-energy, low-temperature/condensed matter, materials science, nuclear physics, and quantum optics. Laboratories supporting the experimental programs are well-equipped with modern research apparatus. Special support facilities include an astronomical instrumentation laboratory, access to high-performance computing, a variable-energy cyclotron, and many shared campus facilities.

### Faculty

- **Abanov, Artem G**, Associate Professor  
  Physics & Astronomy  
  PHD, Texas A&M University, 1998

- **Adsley, Philip**, Assistant Professor  
  Physics & Astronomy  
  PHD, University of York, 2013

- **Agnolet, Glenn**, Professor  
  Physics & Astronomy  
  PHD, Cornell University, 1983

- **Allen, Roland E**, Professor  
  Physics & Astronomy  
  PHD, The University of Texas at Austin, 1969

- **Bassichis, William H**, Professor  
  Physics & Astronomy  
  PHD, Case Western Reserve University, 1963

- **Becker, Katrin**, Professor  
  Physics & Astronomy  
  PHD, University of Bonn, 1994

- **Belic, Milivoj R**, Professor  
  Physics & Astronomy  
  PHD, The City University of New York, 1980

- **Belyanin, Alexey A**, Professor  
  Physics & Astronomy  
  PHD, Institute of Applied Physics Russian Academy of Sciences, 1995

- **Borzenets, Ivan**, Assistant Professor  
  Physics & Astronomy  
  PHD, Duke University, 2012

- **Bouhali, Othmane**, Research Professor  
  Physics & Astronomy  
  PHD, Universite Libre de Bruxelles, Faculte des Sciences, 1999

- **Chin, Siu A**, Professor  
  Physics & Astronomy  
  PHD, Stanford University, 1975

- **Depoy, Darren L**, Professor  
  Physics & Astronomy  
  PHD, University of Hawaii at Manoa, 1987

- **Dutta, Bhaskar**, Professor  
  Physics & Astronomy  
  PHD, Oklahoma State University, 1995

- **Erukhimova, Tatiana L**, Instructional Professor  
  Physics & Astronomy  
  PHD, Institute of Applied Physics, Russian Academy of Sciences, 1999

- **Eusebi, Ricardo**, Professor  
  Physics & Astronomy  
  PHD, University of Rochester, 2006

- **Finkelstein, Alexander**, Professor  
  Physics & Astronomy  
  PHD, Landau Institute for Theoretical Physics, 1972

- **Ford, Albert L**, Professor  
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- **Fries, Rainer J**, Professor  
  Physics & Astronomy  
  PHD, University of Regensburg, Germany, 2001

- **Fry, Edward S**, Distinguished Professor  
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  PHD, University of Michigan, 1969

- **Gagliardi, Carl A**, Professor  
  Physics & Astronomy  
  PHD, Princeton University, 1982

- **Holt, Jeremy W**, Associate Professor  
  Physics & Astronomy  
  PHD, Stony Brook University, 2008

- **Holt, Nathan**, Lecturer  
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  PHD, Texas A&M University, 2016

- **Kamon, Teruki**, Professor  
  Physics & Astronomy  
  PHD, University of Tsukuba, 1986

- **Kaya, Ali**, Instructional Assistant Professor  
  Physics & Astronomy  
  PHD, Texas A&M University, 2001
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PHD, Northwestern University, 2018

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PHD, University of Washington, 1978

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PHD, Institute of Chemical Physics, 1984

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PHD, State University of New York at Stony Brook, 1973

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PHD, Tomsk State University, 1957

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Ross Jr, Joseph H, Professor
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Schuessler, Hans A, Professor
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PHD, Universitat Heidelberg, 1964

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PHD, State University of New York at Stony Brook, 1980

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Spilker, Justin, Assistant Professor
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Strigari, Louis E, Professor
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PHD, Ohio State University, 2005

Suntzeff, Nicholas B, University Distinguished Professor and Regents Professor
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PHD, University of California at Santa Cruz, 1980

Teizer, Winfried, Professor
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Toback, David, Professor
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Tzortzakis, Stylianos, Professor
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PHD, University of Science and Technology of China, 1993

Wu, Wenhao, Associate Professor
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PHD, University of Chicago, 1992

Xu, Shenglong, Research Assistant Professor
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PHD, Univ of California, San Diego, 2017

Youngs, Michael, Lecturer
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PHD, Michigan State University, 2013

Zheltikov, Alexey M, Professor
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PHD, Lomonosov Moscow State University, 1990

Zubairy, Muhammad S, University Distinguished Professor
Physics & Astronomy
PHD, University of Rochester, 1979

**Masters**

- Master of Science in Astronomy (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/astronomy-ms/)
- Master of Science in Physics (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/physics-ms/)

**Doctoral**

- Doctor of Philosophy in Applied Physics (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/applied-physics-phd/)
- Doctor of Philosophy in Astronomy (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/astronomy-phd/)
- Doctor of Philosophy in Physics (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/arts-and-sciences/physics-astronomy/physics-phd/)