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

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

Akimov, Alexey, Associate Professor
Physics & Astronomy
PHD, Moscow Institute of Technology, 2003

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

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

Chin, Siu A, Professor
Physics & Astronomy
PHD, Massachusetts Institute of Technology, 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, Lauder Institute for Theoretical Physics, 1972

Ford, Albert L, Professor
Physics & Astronomy
PHD, The University of Texas at Austin, 1972

Fries, Rainer J, Professor
Physics & Astronomy
PHD, University of Regensburg, Germany, 2001

Fry, Edward S, Distinguished Professor
Physics & Astronomy
PHD, University of Michigan, 1969

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

Holt, Jeremy W, Assistant Professor
Physics & Astronomy
PHD, Stony Brook University, 2008

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

Kennicutt, Robert Charles, Professor
Physics & Astronomy
PHD, University of Washington, 1978

Khmelenko, Vladimir, Research Professor
Physics & Astronomy
PHD, Institute of Chemical Physics, 1984

Ko, Che-Ming, University Distinguished Professor
Physics & Astronomy
PHD, State University of New York at Stony Brook, 1973

Kocharoskaya, Olga A, Distinguished Professor
Physics & Astronomy
PHD, Institute of Applied Physics, Russian Academy of Sciences, 1986

Kocharovsky, Vitaly V, Professor
Physics & Astronomy
PHD, Institute of Applied Physics, Russian Academy of Sciences, 1986
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution, Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kolomenski, Alexandre</td>
<td>Research Professor</td>
<td>P.N. Lebedev Physics Institute of the Russian Academy of Sciences, 1980</td>
</tr>
<tr>
<td>Lee, David M</td>
<td>University Distinguished Professor</td>
<td>Yale University, 1959</td>
</tr>
<tr>
<td>Lyuksyutov, Igor F</td>
<td>Professor</td>
<td></td>
</tr>
<tr>
<td>Macri, Lucas M</td>
<td>Professor</td>
<td>Harvard University, 2001</td>
</tr>
<tr>
<td>Mahapatra, Rupak K</td>
<td>Professor</td>
<td>University of Minnesota, 2000</td>
</tr>
<tr>
<td>Marshall, Jennifer L</td>
<td>Associate Professor</td>
<td>Ohio State University, 2006</td>
</tr>
<tr>
<td>McIntyre, Peter M</td>
<td>Professor</td>
<td>University of Chicago, 1973</td>
</tr>
<tr>
<td>Melconian, Daniel G</td>
<td>Professor</td>
<td>Simon Fraser University, 2006</td>
</tr>
<tr>
<td>Mioduszewski, Saskia</td>
<td>Professor</td>
<td>University of Tennessee, 1999</td>
</tr>
<tr>
<td>Mirabolfathi, Nader</td>
<td>Research Associate Professor</td>
<td>Paris XI, 2002</td>
</tr>
<tr>
<td>Naugle, Donald G</td>
<td>Professor</td>
<td>Texas A&amp;M University, 1965</td>
</tr>
<tr>
<td>Nodurft, Dawson</td>
<td>Instructional Assistant Professor</td>
<td>Texas A&amp;M University, 2019</td>
</tr>
<tr>
<td>Papovich, Casey J</td>
<td>Professor</td>
<td>Johns Hopkins University, 2002</td>
</tr>
<tr>
<td>Pokrovsky, Valery</td>
<td>Distinguished Professor</td>
<td>Tomsk State University, 1957</td>
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<tr>
<td>Pope, Christopher N</td>
<td>Distinguished Professor</td>
<td>University of Cambridge, 1980</td>
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<tr>
<td>Rapp, Ralf F</td>
<td>Professor</td>
<td>Rheinische Friedrich-Wilhelma University, Bonn, 1996</td>
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<tr>
<td>Rogachev, Grigory V</td>
<td>Professor</td>
<td>National Research Centre, 1999</td>
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<tr>
<td>Ross Jr, Joseph H</td>
<td>Professor</td>
<td>University of Illinois at Urbana-Champaign, 1986</td>
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<tr>
<td>Safonov, Alexei N</td>
<td>Professor</td>
<td>University of Florida, 2001</td>
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<td>Saslow, Wayne M</td>
<td>Professor</td>
<td>University of California at Irvine, 1968</td>
</tr>
<tr>
<td>Schuessler, Hans A</td>
<td>Professor</td>
<td>Universitat Heidelberg, 1964</td>
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<tr>
<td>Scully, Marlan O</td>
<td>Distinguished Professor</td>
<td>Yale University, 1966</td>
</tr>
<tr>
<td>Sezgin, Ergin</td>
<td>Professor</td>
<td>State University of New York at Stony Brook, 1980</td>
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<tr>
<td>Sokolov, Alexei V</td>
<td>Professor</td>
<td>Stanford University, 2001</td>
</tr>
<tr>
<td>Strigari, Louis E</td>
<td>Associate Professor</td>
<td>Ohio State University, 2005</td>
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<tr>
<td>Suntzeff, Nicholas B</td>
<td>University Distinguished Professor and Regents Professor</td>
<td>University of California at Santa Cruz, 1980</td>
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<tr>
<td>Teizer, Winfried</td>
<td>Professor</td>
<td>University of Massachusetts - Amherst, 1998</td>
</tr>
<tr>
<td>Toback, David</td>
<td>Professor</td>
<td>University of Chicago, 1997</td>
</tr>
<tr>
<td>Tribble, Robert E</td>
<td>Senior Professor</td>
<td>Princeton University, 1973</td>
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<tr>
<td>Walsh, Jonelle L</td>
<td>Assistant Professor</td>
<td>University of California at Irvine, 2011</td>
</tr>
<tr>
<td>Wang, Lifan</td>
<td>Professor</td>
<td>University of Science and Technology of China, 1993</td>
</tr>
<tr>
<td>Weimer, Michael B</td>
<td>Professor</td>
<td>California Institute of Technology, 1986</td>
</tr>
</tbody>
</table>
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Physics & Astronomy
PHD, Massachusetts Institute of Technology, 1989

Wu, Wenhao, Associate Professor
Physics & Astronomy
PHD, University of Chicago, 1992

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

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

**Doctoral**

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