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, Assistant Professor
  Physics & Astronomy
  PHD, Moscow Institute of Technology, 2003

- Allen, Roland E, Professor
  Physics & Astronomy
  PHD, 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

- Becker, Melanie, Professor
  Physics & Astronomy
  PHD, University of Bonn, Germany, 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, Landau Institute for Theoretical Physics, 1972

- Ford, Albert L, Professor
  Physics & Astronomy
  PHD, 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

- Katzgraber, Helmut G, Professor
  Physics & Astronomy
  PHD, University of California-Santa Cruz, 2001

- 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
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  PHD, State University of New York at Stony Brook, 1973
Kocharovskaya, Olga A, Distinguished Professor
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PHD, Institute of Applied Physics, Russian Academy of Sciences, 1986

Kocharovsky, Vitaly V, Professor
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PHD, Institute of Applied Physics, Russian Academy of Sciences, 1986

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PHD, University of Washington, 2000

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Physics & Astronomy
PHD, Yale University, 1959

Lyuksyutov, Igor F, Professor
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PHD, Harvard University, 2001

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Marshall, Jennifer L, Assistant Professor
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PHD, University of Paris XI, 2002

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PHD, Texas A&M University, 1965

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PHD, Johns Hopkins University, 2002

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PHD, Tomsk State University, 1957

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PHD, University of Cambridge, 1980

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PHD, Rheinische Friedrich-Wilhelma University, Bonn, 1996

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PHD, University of Illinois at Urbana-Champaign, 1986

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PHD, University of California - Irvine, 1968

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PHD, University of California, Irvine, 2011
Wang, Lifan, Professor  
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Weimer, Michael B, Professor  
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Welch, George R, Professor  
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PHD, Massachusetts Institute of Technology, 1989

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Masters


Doctoral