



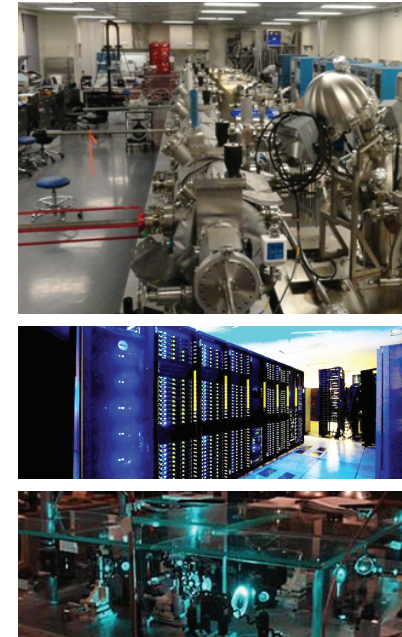
DEPARTMENT OF PHYSICS



UNIVERSITY OF ARKANSAS, FAYETTEVILLE

- Student success is our priority.
- All grad students are supported by fellowships, assistantships - up to \$38 k/year + tuition + conference travel.
- High faculty to student ratio
- Gender and cultural diversity

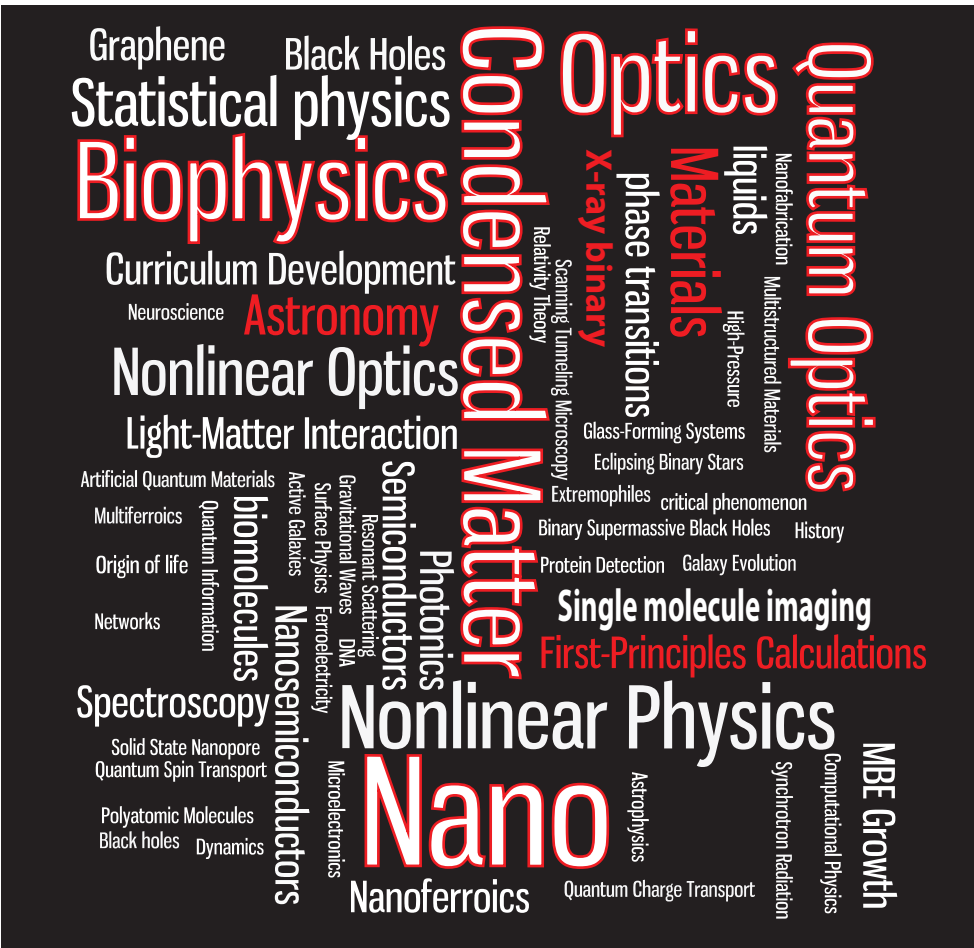
cutting edge Research



- >\$3 M/year funding
- Funding per faculty well exceeds peer universities.

state-of-the-art Facilities

- MBE Growth
- Supercomputing
- Microfabrication
- Fast 2-photon imaging
- STM & TEM imaging
- High-power lasers
- Solid state nanopores

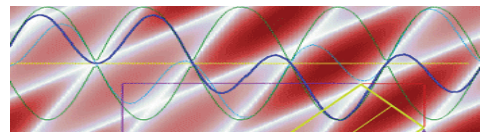
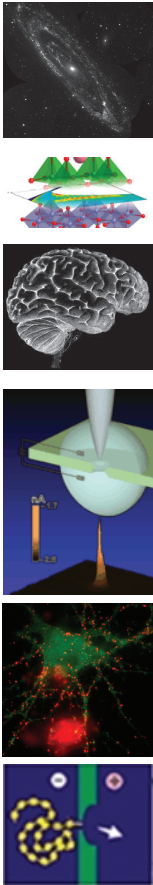


More information: www.uark.edu/depts/physics/ (479) 575-2506
text ‘physics phd’ to (479) 422-9882
email: physics@uark.edu
Apply here: physics.uark.edu/dept/graduate/apply.html

Faculty

Research

Julio R. Gea-Banacloche	Quantum Information, Quantum Optics, Light-Matter Interaction
Salvador Barraza-Lopez	Quantum Transport of Charge and Spin in Multistructured Materials
Laurent Bellaiche	Computational Physics, Ferroelectricity, Multiferroics
Jacques Chakhalian	Artificial Quantum Materials, Laser MBE Growth, Synchrotron Radiation Resonant Scattering & Spectroscopy
Hugh Churchill	Quantum Devices: Nanofabrication, Quantum Transport and Optoelectronics
Huaxiang Fu	First-Principles Calculations, Nanoferroics, Nanosemiconductors
William G. Harter	Dynamics and Spectroscopy of Polyatomic Molecules
Joseph Herzog	Plasmonic Nano-optics
Daniel Kennefick	Astrophysics of Black Holes, Gravitational Waves, History of Relativity Theory & Astronomy
Julia Kennefick	Astronomy, Active Galaxies, Galaxy Evolution
Pradeep Kumar	Biophysics of extremophiles, limits and origin of life, liquid polymorphism, solvent effects on biomolecules
Bret Lehmer	X-ray Binary Populations, Active Galaxies, and Galaxy Evolution
Jiali Li	Single DNA and Protein Detection, Nanofabrication, Solid State Nanopore
William F. Oliver III	High-Pressure Condensed Matter Physics, Glass-Forming Systems, Biophysics
Gregory J. Salamo	Nanosemiconductors, Nanoferroics, MBE Growth, Optics
Woodrow L. Shew	Biophysics, Statistical and Nonlinear Physics, Neuroscience, Networks
Surendra Singh	Quantum Optics and Nonlinear Optics
Paul Thibado	Surface Physics, Scanning Tunneling Microscopy, Graphene
Reeta Vyas	Quantum Optics, Nonlinear Optics, and Light-Matter Interaction
Yong Wang	Single-Molecule & Single-Cell Nanometric Biophysics, Super-Resolved Fluorescence Microscopy
Min Xiao	Quantum/Nonlinear Optics, Optical Properties of Nanosemiconductors



great Quality of life

- Beautiful Northwest Arkansas in Ozark mountains
- Nationally highly ranked for high quality of life and economic prosperity by Kiplinger’s and Forbes
- Thriving arts: world-class Crystal Bridges Museum of American Art, Walton Arts Center, Arkansas Music Pavilion
- Low cost of living & great public schools

