



WAYNE STATE UNIVERSITY



Department of Physics and Astronomy

ACADEMIC PROGRAMS

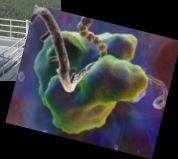
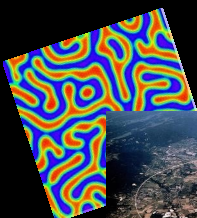
- ◇ Bachelor of Science in Physics (with options in *General*, and *Applied Physics*)
- ◇ Bachelor of Science in Biomedical Physics
- ◇ Bachelor of Arts in Physics
- ◇ Bachelor of Arts in Astronomy (*New*)
- ◇ Honors option available for B.A./B.S. programs
- ◇ Master of Science in Physics
- ◇ Master of Arts in Physics
- ◇ Doctor of Philosophy in Physics
- ◇ Minors in Physics, Biomedical Physics, and Astronomy
- ◇ Master of Arts in Multi-Disciplinary Sciences (MAMS)



Professor Harr, and his student Erin, discuss the analysis of a particle physics experiment.

OTHER PROGRAMS

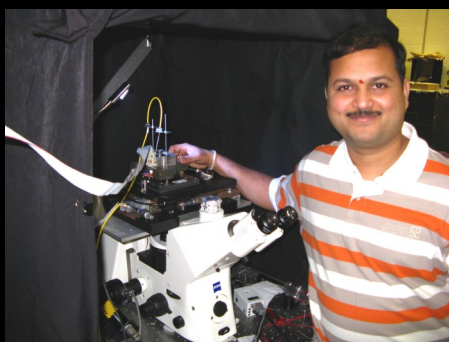
- ◇ **AGRADE Program (4+1)** : Add one additional year of study and earn a Master's degree in Physics, or in Biomedical Engineering.
- ◇ **Senior Rule:** Take graduate courses as an undergraduate toward a graduate degree.
- ◇ **Advanced Placement**
- ◇ **Courses for Non-Science majors**



Hear what Physics undergraduates and graduates have to say about our programs...

*"My name is Jessica and I am a **General Physics major**. I hope to use my degree to some day work at a university. One of the best things about being a physics major here at Wayne is the many opportunities for research. It is very exciting to be working one-on-one with faculty doing actual physics."*

*"When I was first introduced to the idea of the **Biomedical Physics program**, I was ecstatic. Finally, there is a degree that offers a challenging and very interesting curriculum rather than the generic alternatives. Seriously, what other program can offer you the chance to build your own ECG!"*
- George graduated with a B.S. in Biomedical Physics.



Venkatesh poses with the AFM he has built.

*"I am Venkatesh and my **Ph.D.** thesis involves building a new high-sensitive AFM. I totally enjoy working on my project and have learned a great deal about instrumentation as well as other techniques in the field of condensed matter physics. There are great teachers here, and my physics knowledge and understanding has been enhanced through the courses I have taken... and from the seminars and colloquia I have attended. The professors and research staff are very knowledgeable, and helpful, and this has made my research experience very enjoyable."*

See what else we have to offer!

- ◇ Internationally renowned faculty doing research in experimental and theoretical areas of: Applied Physics and Optics; Astrophysics; Atomic Physics; Biomedical Physics; Condensed Matter and Materials Science; High Energy Nuclear Physics; High Energy Particle Physics.
- ◇ State-of-the-art digital planetarium
- ◇ Roof top observatory
- ◇ Weekly Seminar & Colloquium Series
- ◇ SPS: *Society of Physics Students* - on campus chapter
- ◇ Free on-site tutoring in our Physics Resource Center for WSU students.



College of
Liberal Arts and Sciences

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