

## PHYSICS FACULTY AND STAFF



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COLLEGE OF ARTS AND SCIENCES

# DEPARTMENT OF PHYSICS

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- Physics is made easy and fun at the Tuskegee University Physics department.



- Students can choose single, double major or minor in Physics.



- Excellency in academy advising and mentoring for graduation and beyond.
- Opportunities to work as Teaching Assistants at the Physics Laboratories.
- Excellency in academy advising and mentoring for graduation and beyond.
- Innovative research opportunity in theoretical physics quantum simulation, biophysics, laser spectroscopy, condensed matter physics, nano-photonics.

#### Electric Vehicle Technology Center:

Tuskegee University is setting up a battery laboratory, complete with impedance

analyzer, potentiostat, power supply and infra-red camera. This setup will enable students to investigate battery performance changes as well as the temperature effects of battery charging/discharging cycles.

**If you think Math is fun,  
we've got news for you:  
Physics is MAGIC!!!**

**New Materials Research:** A high-temperature (up to 1700°C) furnace system is being installed to grow novel materials such as graphene, the first discovered 2-D material. With more equipment being acquired, a research lab on new materials will be built in the department.



#### Opportunities for Physics Majors

- PERSIST Scholarship of up to \$10,000 for up to 4 years for financially disadvantaged and academically talented physics majors. For more information: <https://sites.google.com/view/tu-persist/home>
- College of Arts and Sciences Dean Outstanding Student Award
- Physics Majors have enhanced and highly paid job and scholarship opportunities.
- Physics Majors from HBCUs are supported to success in Graduate School by the National Science Foundation via PhD Bridge programs in California, Florida, Indiana and Ohio.
- Society of Physics Students, Tuskegee University chapter (TU-SPS) Undergraduate Research & Outreach Awards



**If your 3-year-old curiosity,  
imagination, and creativity has  
not stopped skyrocketing,  
physics is your next stop  
because it re-trains you to ask  
and trains you to answer all  
those "whys" and "why nots"**