



PHYSICS FACULTY AND STAFF



Dr. Akshaya Kumar
Head and Associate
Professor



Dr. Moses Ntam
Associate Professor



**Dr. Marisol Alcántara
Ortigoza**
Assistant Professor



Dr. Walter Malone
Assistant Professor



Dr. Dimitar Dimitrov
Assistant Professor



Dr. Sharvare Palwai
Assistant Professor



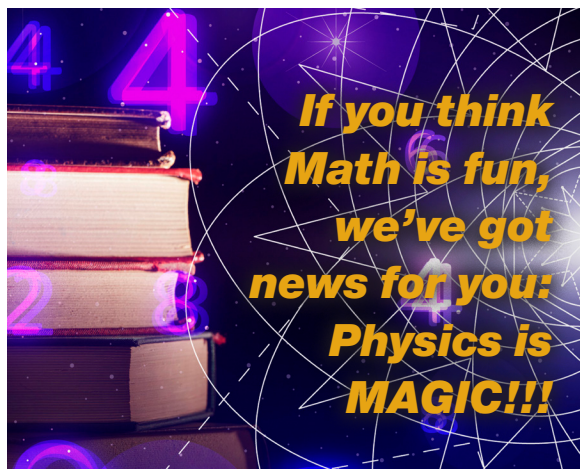
**Dr. Prakash C.
Sharma**
Emeritus Professor



Mr. Elvert J. Colvert
Lab Manager



Mrs. Felicia Windham
Secretary



For more information about our programs and related activities:

Dr. Akshaya Kumar, Head
Department of Physics, CAS
Luther H. Foster Hall, Room 501
Tuskegee University
Tuskegee Institute, AL 36088
Phone: 334-727-8968
Fax: 334-724-3917

Web: [www.tuskegee.edu/programs-courses/
colleges-schools/cas/physics](http://www.tuskegee.edu/programs-courses/colleges-schools/cas/physics)
Email: akumar@tuskegee.edu

ABOUT TUSKEGEE UNIVERSITY

Founded in 1881 by Booker T. Washington, Tuskegee University is home to approximately 3,000 students from the U.S. and 30 foreign countries. The institution is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS), and all of its professional programs are accredited by their respective agencies.

Tuskegee University is accredited with the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate, master's, doctorate, and professional degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Tuskegee University.



COLLEGE OF ARTS AND SCIENCES

Department of Physics

*Explore quantum simulation, biophysics,
laser spectroscopy, condensed matter
physics, polymer physics, nano materials
and nano-photonics.*



TUSKEGEE
UNIVERSITY



FUN WITH PHYSICS!

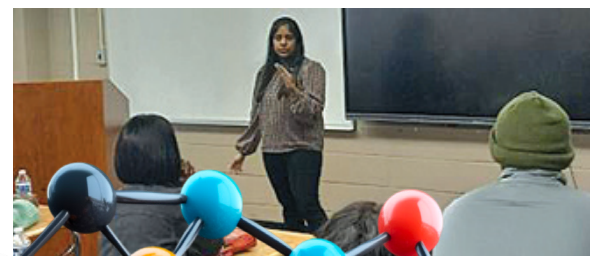
Tuskegee University makes learning physics engaging and accessible.

- Flexible Programs – Choose a single major, double major, or minor in Physics.
- Top-Tier Mentorship – Expert academic advising for success beyond graduation.
- Hands-On Experience – Work as a Teaching Assistant in Physics Labs.
- Cutting-Edge Research – Explore quantum simulation, biophysics, laser spectroscopy, condensed matter physics, polymer physics, nano materials and nano-photonics.
- Expert Guidance – Personalized academic advising for success beyond graduation.
- Teaching Opportunities – Gain hands-on experience as a Physics Lab Assistant.



RESEARCH FACILITIES:

- EV Tech Hub – Tuskegee's new battery testing lab empowers students to study performance & temperature effects using cutting-edge tools.
- Next-Gen Materials – A high-temp furnace (1700°C) enables research on advanced photonic materials.
- State-of-the-Art Computing – Our Physics Department boasts top-tier facilities for smart photonic supercomputing materials.
- State of the Art 3 D Printing of Polymer Fibers- Our physics department hosts facility for developing nano fibers for sensor applications.



OPPORTUNITIES FOR PHYSICS MAJORS

- PERSIST Scholarship – Up to \$10,000/year for talented, financially disadvantaged physics majors. Learn more: <https://sites.google.com/view/tu-persist/home>
- Dean's Award – Recognizing outstanding students in the College of Arts & Sciences.
- QuTeCMD Research – 1-year program with up to \$10,000 for tuition & stipends. <http://marisolalcantaraortigoza.info/qutecmd-project/>
- SPS@Tuskegee – Undergraduate Research & Outreach Awards for Society of Physics Students members.

