

Summer undergrad research in **Nonlinear Dynamics** at UMD

TREND 2023

Training and Research Experiences in Nonlinear Dynamics

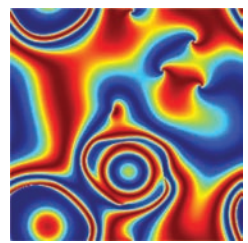


Program Description:

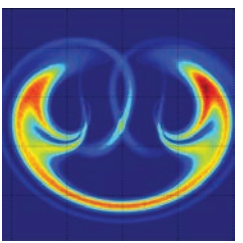
Join ~9 other undergrads at University of Maryland College Park to do research in

- 🧠 Brain/neural networks | 🔬 Cell movement | 🌀 Chaotic systems
- 💨 Fluid turbulence | ✨ Lasers+Photonics | ⚡ Plasma | 💠 Quantum dynamics

UMD's IPST (Institute for Physical Science and Technology), with support from the NSF (National Science Foundation), offers exciting research opportunities for **undergraduate students** in the area of **nonlinear dynamics**. Students from a variety of universities and backgrounds work for 10 weeks during the summer under the mentorship of faculty from physics, mathematics, and engineering.



Application Deadline:	February 10, 2023
Applicants Notified:	starting February 20, 2023
Program Dates:	May 30 – August 4, 2023



Eligibility:

- STEM undergrads expecting to graduate in December 2023 or later
- U.S. citizens or permanent residents

We especially encourage applications from those underrepresented in science (including Black, female, LGBTQ+, Latine, Native American students, and people with disabilities)

Support:

- Stipend of **\$5,400** + food allowance of **\$600**
- Free **on-campus housing**
- Partial **travel support** to get to UMD and back home
- Conference attendance funding (**\$500**) to present TREND research

See project descriptions, schedule a 1-on-1 info meeting, and apply at

trend.umd.edu

