

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



TREND 2025

Training and Research Experiences in Nonlinear Dynamics

Program Description:

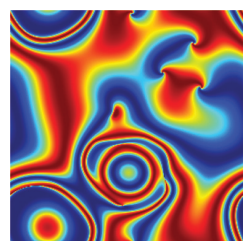
Join ~9 other undergrads at University of Maryland College Park for 10 weeks to do **paid mentored research in nonlinear dynamics**, exploring

- 🧠 Brain/neural networks | 🔬 Cell movement
 - 🌀 Chaotic systems | 🌪️ Fluid turbulence
 - ✳️ Lasers+Photonics | ⚡ Plasmas | 💠 Quantum systems
- and more! 🌟🧩🌈☀️🐟🌱

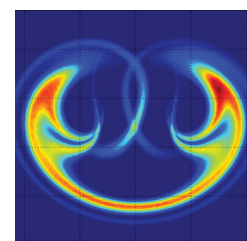
- See project descriptions
- Schedule 1-on-1 info meeting
- Apply



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trend.umd.edu



Application Deadline: February 14, 2025
Applicants Notified: starting February 24, 2025
Program Dates: June 2 – August 8, 2025



Eligibility:

- STEM undergrads expecting to graduate in December 2025 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:

- **\$7,000** stipend
- **Free** on-campus housing
- **\$750** travel funds to get to UMD and back home
- **\$750** to attend conferences and present TREND research
- Mentoring, professional development, community building

