VT-CMB Summer School

Mathematical tools for quantitative biology: experiments, modeling, and computation

When: May 19-30, 2025

Where: at Virginia Tech in Blacksburg, VA

Topics: mathematical modeling for deterministic and stochastic systems, data science and computational modeling, applications including cell cycle, circadian regulation, bioinformatics, image processing, and mathematical epidemiology

Students will
- Interact with Virginia Tech faculty, establishing connections for future research
- Discover research areas in biological systems that may align with their interests
- Gain hands-on experience with computational/experimental techniques
- Develop their ability to understand and participate in scientific research

Daily schedule:
- Monday to Friday (excluding Memorial Day)
- Morning and afternoon sessions (~3 hours each)
- Combination of lectures and hands-on activities
- All sessions held on the Virginia Tech campus
- Lunch and breakfast provided each day
- Shared-room accommodations for Monday through Friday each week for community college students living outside Blacksburg

Cost: None! However, no academic credit is possible.

Contact: Dr. Nicole Abaid, nabaid@vt.edu

Apply at **https://forms.gle/iy1Utfx7ffVFGgod8** by **April 14** for full consideration

Community college students encouraged to apply!