



# SCIENCE

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**It's a great time to be in SCIENCE!**



**CYNTHIA Y. YOUNG**  
FOUNDING DEAN, COLLEGE OF SCIENCE

**SCIFORWARD**





## THE FACE OF SCIENCE: Tarah O'Sullivan

Tarah O'Sullivan, mother of two children with a rare genetic disease, has returned to school at Clemson determined to help children with rare genetic diseases.

And to save her own.

→ [READ THE FULL STORY IN CLEMSON WORLD](#)

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*Matthew Troutman*

## Alumni Spotlight: Matthew Troutman

As a doctoral candidate at Clemson a decade ago, Matthew Troutman (M.S. 2007 and Ph.D. 2010 physics) taught an undergraduate astronomy lab course. He enjoyed the experience so much that he changed his career path from astrophysics research to pre-college education and leadership.

Today, Troutman is a faculty member and director of teaching and learning at Thomas Jefferson School, a private boarding and day school for grades 7-12 recently ranked the best boarding school in Missouri. In July, he will become the head of

head retires.

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## MLK Award for Excellence in Service: Kinsey Meggett

Kinsey Meggett, a senior studying biochemistry in the College of Science, was chosen as this year's student recipient. Meggett is a long-time volunteer for the ClemsonLIFE program, which provides a college experience for students with developmental disabilities. Meggett found a passion for the program, which made her look at aspects of her own life from a different perspective and inspired her to become a mentor. She now is president of ClemsonLIFE's Executive board.



*Kinsey Meggett meets with Clemson president James P. Clements. Image credit: University Relations*

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## Student Engagement: Tigers on Call 2019

The mock professional school interviews, which were conducted in partnership with Clemson's award-winning Michelin Career Center, were just one of the activities designed to help pre-health majors achieve their goals of pursuing careers in medicine, dentistry, pharmacology, physical or occupational therapy, and other health professions.

This year's networking event brought more than 50 Clemson alumni and friends who work in health-care fields together with more than 200 students at the Hendrix Student Center on campus for panel and roundtable discussions, a mock MCAT exam, and casual networking opportunities. Students could also learn about professional and graduate degree program opportunities from regional schools attending the accompanying pre-health fair.



*This year's event attracted more than 50 Clemson alumni and friends. Image credit: Pete Martin*

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# Renowned scientist is coming to campus

Elaine Ostrander, Ph.D., will present a seminar titled “How to Build a Dog in 2,392,715,236 Simple Steps” in Freeman Hall, Room 078, at 2:30 p.m. Jan. 31.

The event is **free** and open to faculty, staff, students, and the general public.

→ [MORE INFORMATION](#)



*Elaine Ostrander*

## COLLEGE NEWS

Here's what's happening around the College of Science.

- [Physics professor's perspective article appears in the journal Science](#)
- [New grant enables Clemson researcher to further combat widespread parasitic disease](#)
- [Clemson mathematician helps deepen understanding of Earth's mysterious mantle](#)
- [Clemson materials research in quantum computing may lead to computational speeds never seen before](#)
- [Clemson geneticists identify small molecules that are potential indicators for disease](#)

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## CALENDAR

Here are some upcoming events and activities in the College of Science.

**Jan. 31:** DISCOVER SCIENCE SEMINAR: “How to Build a Dog in 2,392,715,236 Simple Steps” with Elaine Ostrander | Freeman Hall | 2:30 p.m.

**Feb. 12:** DISCOVER SCIENCE SEMINAR: “Darwin and the Origins of Holistic Science” with William Kimler | 100 Hardin Hall | 1:30 p.m.

**Feb. 13:** SCIENCE ON TAP (Clemson): Coming to a Community Near You — Empowered Students Change the World and Themselves | Viva Wine Bar — 168 Exchange St., Pendleton | 6:30 p.m.

**Feb. 25:** SCIENCE ON TAP (Greenville): Forget Your Fears: Individual Differences in Fear Extinction | Coffee Underground — 1 E. Coffee St., Greenville | 6:30 p.m.

→ [MORE COLLEGE OF SCIENCE EVENTS](#)



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