



FAU and NOAA Scientists' Shark Toughness Theory Put to Test



Scientists from the FAU Charles E. Schmidt College of Science and the National Marine Fisheries Service, National Oceanic and Atmospheric Administration (NOAA), predicted that the solid central part of the vertebrae in mature, older sharks would be stiffer and tougher. So they decided to put their theory to the test. [Read more.](#)



FRONTIERS IN SCIENCE
PUBLIC LECTURE SERIES

You're invited to the [FAU Frontiers in Science](#) February lectures. Explore the sciences with eight researchers and innovators from across the globe and right here in our own community. The lectures are free and open to the public. Talks are followed by a Q&A with the speaker and refreshments.



Friday, February 8

"Mating Between Species: Why Do It, and What Are the Consequences?"

Kate Detwiler, Ph.D.

3:30 p.m. in [College of Medicine \(BC-71\), room 126](#)

Videoconference available on the FAU Jupiter campus, SR 275, classroom 29



Friday, February 15

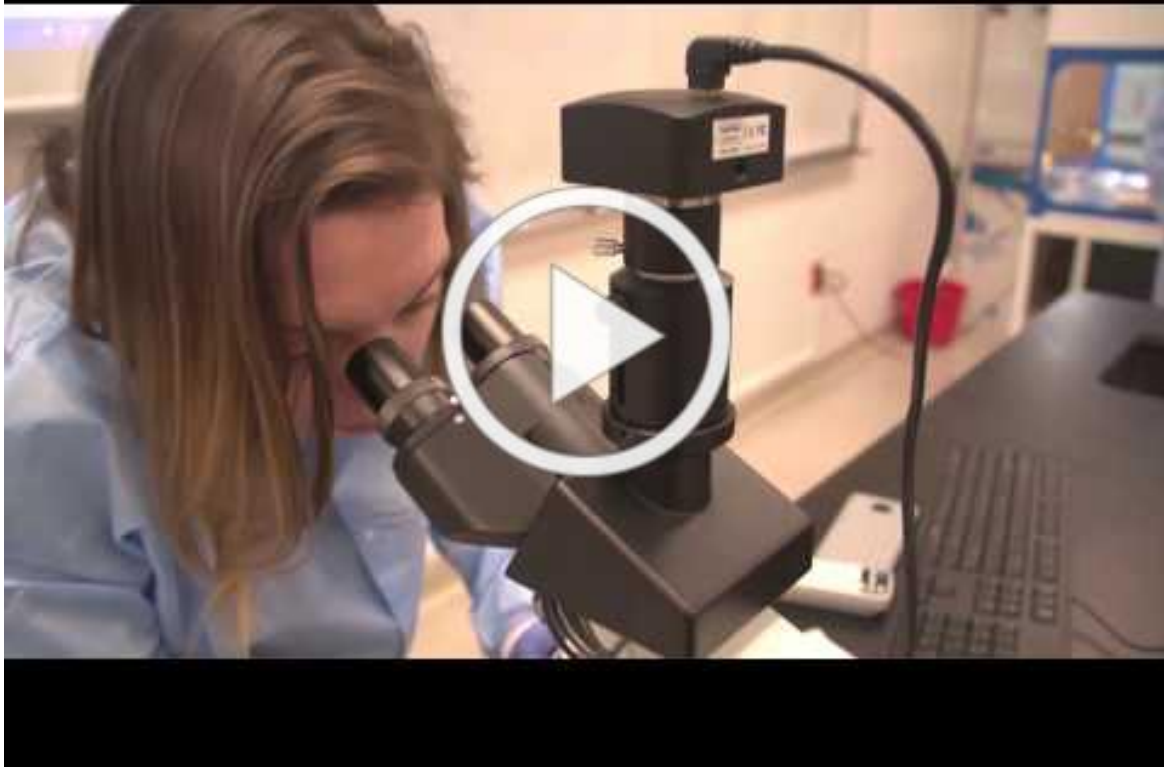
"Biomedical Imaging: Extending the Powers of Human Observation"

Elizabeth Brainerd, Ph.D.

3:30 p.m. in [FAU General Classroom North \(GN\), room 102](#)

Videoconferencing is available on the FAU Jupiter campus in SR 275 (classroom 29) for Frontiers in Science lectures on February 8, March 15, and April 5.

FAU Scientist Diane Baronas-Lowell: Antibiotics Researcher



Diane Baronas-Lowell, Ph.D., is an Associate Scientist in the Charles E. Schmidt College of Science. Diane discusses her involvement with the [Tiny Earth project](#), where she works alongside her students seeking new antibiotics to kill superbugs. [Watch here.](#)

Meet Medical Physics Alumna Marjan Shojaei



Marjan Shojaei graduated with her [Professional Science Master in Medical Physics \(PSMMP\)](#) from FAU in the fall of 2018 and is currently working at the South Florida Proton Therapy Institute (SFPTI) as a Medical Physicist Assistant. SFPTI is a new cancer treatment facility that uses groundbreaking photon and proton therapy to deliver focused beams of radiation to tumors. [Read more.](#)

FAU Proposals Selected for NIST Encryption Standards Shortlist

The National Institute of Standards and Technology (NIST) shortlist of the 26 top proposals for new encryption standards includes four proposals from Florida Atlantic University for its second round of the "Post Quantum Standardization" process. NIST is instituting new encryption standards to protect sensitive information from the threat of quantum computers. FAU stands out with three proposals co-authored by Edoardo Persichetti, Ph.D., an assistant professor in FAU's Department of Mathematical Sciences and one proposal selected from Reza Azarderakhsh, Ph.D., an assistant professor in the FAU College of Engineering and Computer Science. [Read more.](#)

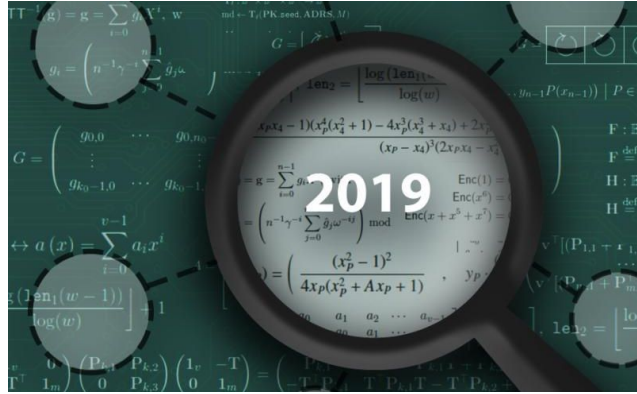


Image credit: N. Hanacek/NIST

In the News



2019 MuAlphaTheta Competition

FAU's Department of Mathematical Sciences and the FAU Davie campus hosted nearly 1,300 high school students for the [MuAlphaTheta Math Competition](#) on Saturday, January 19, 2019.



WATCH: Alexis Sturm at the 3MT Championship

Ph.D. in Integrative Biology student, Alexis Sturm, [presents "Six Degrees of SepaREEFtion: Using Molecular Tools to Assess Coral Genetic Connectivity in Cuba and the Tropical Western Atlantic"](#) at the 2018 FAU Three Minute Thesis Championship.



Harbor Branch Semester by the Sea

[Semester by the Sea](#) is a one-semester program for undergraduate students offered by Harbor Branch Oceanographic Institute and the Department of Biological Sciences. [Learn more at the March 13 Workshop](#) hosted by Peter McCarthy, Ph.D. Sign up in your Student Success Network.

Research Days and Scholarships



\$2,500 GRANTS
FOR FAU GRADUATE AND
UNDERGRADUATE STUDENTS

DEADLINE: FEB. 8, 2019

Graduate and Professional Research Day

The deadline for graduate students to register to present research at the [10th Annual Graduate Research Day](#) is March 15. The event will take place April 5 on the Boca Raton campus.

OURI Undergraduate Research Symposium

The abstract submission deadline for the [9th Annual Undergraduate Research Symposium](#) is March 1. The event will take place April 8 on the Boca Raton campus.

Friends of Gumbo Limbo Scholarship

[Friends of Gumbo Limbo is awarding scholarships](#) to undergraduate and graduate students committed to academic fields preparing them for careers related to Gumbo Limbo's conservation mission.

Upcoming Events

Friday, February 8

[Frontiers in Science Public Lecture, Kate Detwiler, Ph.D.](#)

Saturday, February 9

[Florida Women in Mathematics Day](#)

Monday, February 11

[CMBB Seminar Series, James McCubrey, Ph.D.](#)

February 15 & 16

[Florida GeoGebra](#)

Friday, February 15

[Frontiers in Science Public Lecture, Beth Brainerd, Ph.D.](#)

Monday, February 18

[CMBB Seminar Series, Marie-Louise Hammarckjold, Ph.D.](#)

Saturday, February 23

[Science Olympiad](#)

Monday, February 25

[CMBB Seminar Series, Mr. Joseph L. Mauro](#)

Wednesday, February 27

[HBOI Ocean Science Lecture Series, Jon Moore, Ph.D.](#)

Friday, March 1

[Frontiers in Science Public Lecture, Kristin Lauter, Ph.D.](#)

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