



Photography by Beth Barak

Welcome to the 2017 season of our public lecture series, “Frontiers in Science”. As the new Dean of The Charles E. Schmidt College of Science, it gives me tremendous pleasure to invite you to explore this showcase of science topics. We have seven speakers for you this year, experts in the fields of Biology, Chemistry, Geosciences, Marine Sciences, Mathematics, Physics, and Psychology. We’ve brought them to you from across the globe and right here in our own community.

My hope is that these lectures stir you to deeper learning, explain your world, ignite your discussions, and bring the richness of the sciences to you.

Even before I arrived, I learned that many of you are long time attendees and supporters of Frontiers. I look forward to the opportunity of meeting you and sharing my vision for the Charles E. Schmidt College of Science at Florida Atlantic University.

Join me as we begin a new exploration of the sciences together!

Ata Sarajedini, Ph.D.

Dean, Charles E. Schmidt College of Science

Make a Gift, Make a Difference

Frontiers in Science is supported by the generous donations of our attendees. If you would like to support the series or make a gift to benefit our students, please contact Mary Beth Mudrick at 561.297.4526. Your tax deductible gift may also be made in the form of a check to: FAU Foundation, Inc. Please include “Frontiers in Science” or “Science Student Support” in the memo line.

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FRONTIERS IN SCIENCE

2017 PUBLIC LECTURE SERIES

CHARLES E. SCHMIDT
COLLEGE OF SCIENCE
Florida Atlantic University

FRONTIERS IN SCIENCE

2017 PUBLIC LECTURE SERIES

JANUARY 13



**"Trust your Gut—
Microbes, High Fiber,
and Your Health"**

Lisa C. Offringa, Ph.D.
Research Fellow, Stanford
Prevention Research
Center, Stanford University

Lecturer, University of California at
Berkeley and San Francisco State
University

**Location, Charles E. Schmidt College of
Medicine, BC 126,
Complimentary Parking in Lot 4**

FEBRUARY 10



**"Predicting
Psychological Traits
from Big Data"**

Michal Kosinski, Ph.D.
Assistant Professor in
Organizational Behavior
at Stanford University Graduate School
of Business

Research Fellow, Stanford Prevention
Research Center, Stanford University

Lecturer, University of California at
Berkeley and San Francisco State
University

**Location, College of Business, BU 120,
Complimentary Parking in Lot 7**

MARCH 24



**"New Frontiers in
Radiation Oncology"**

Dr. Timothy Williams
Medical Director
Radiation Oncology at
Lynn Cancer Institute,

Boca Raton Regional Hospital

**Location, College of Business, BU 120,
Complimentary Parking in Lot 7**

MARCH 31



**"Light Pollution: Effects
on Sea Turtles and You"**

Kirt W. Rusenko, Ph.D.
Marine Conservationist,
Gumbo Limbo Nature
Center, City of

Boca Raton

**Location, College of Business, BU 120,
Complimentary Parking in Lot 7**

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FEBRUARY 24



**"Staying Afloat:
The Molecular
Ecology of Antarctic
Phytoplankton"**

Anton F. Post, Ph.D.
Executive Director, Harbor
Branch Oceanographic Institute, Florida
Atlantic University

**Location, College of Engineering,
EE 106,
Complimentary Parking in Lot 96N**

MARCH 10



**"Sensors & Systems to
Signals & Neuroscience:
Topological Data
Analysis"**

Robert W. Ghrist, Ph.D.
Andrea Mitchell Penn
Integrating Knowledge Professor

Department of Mathematics and
Electrical/Systems Engineering
University of Pennsylvania

**Location, College of Business, BU 120,
Complimentary Parking in Lot 7**

APRIL 21



**"Environmental Water
Quality issues and Algal
Blooms in Southern
Florida"**

William Louda, Ph.D.
Research Professor,

Departments of Chemistry, Biochemistry
and Environmental Sciences, Charles
E. Schmidt College of Science, Florida
Atlantic University.

**Location, College of Engineering,
EE 106, Complimentary Parking in
Lot 96N**

For more information,
contact
Mary Beth Mudrick at
561.297.4526 or
mmudric1@fau.edu

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▲ **Eric H. Shaw, Ph.D., Emeritus Professor, College of Business,
Florida Atlantic University**

▲ **Friends of Gumbo Limbo**
The not-for-profit organization dedicated to supporting the
research, education, conservation, and preservation efforts of
Gumbo Limbo Nature Center.

▲ **Mr. David and Mrs. Beverly Feiges**

▲ **Frontiers in Science Planning Committee**
Maria Fadiman, Ph.D.
Jason Mireles-James, Ph.D.
Theodora Leventouri, Ph.D.
Ryne Sherman, Ph.D.
Patricia Snyder, Ph.D.

