

# The DeTail

Volume 2, Issue 3

Summer 2013

[Donate here](#)

Special points of interest:

- **Deadline to file for application for degree to graduate in summer 2013 is May 31, 2013.**
- **Applications for fall 2013 graduate programs are due by July 1, 2013.**
- **Student Teaching application deadline for spring 2014 is Sept. 15, 2013.**

Inside this issue:

<b>Student and Faculty Awards</b>	2
<b>Alumni and Student Awards</b>	3
<b>Dr. Lambert's NASA Grant</b>	4
<b>M.Ed. Envir. Ed. Alumnae</b>	6
<b>Dr. Crawley, Dr. Cafolla Retire</b>	8
<b>Faculty Presentations</b>	9
<b>Q &amp; A: Student Teaching</b>	12

## Letter from the Chair

By Barbara Ridener, Ph.D.

What an amazing year! As I reviewed this issue of *The DeTail*, I found myself in awe of the numerous accomplishments of our students, alumni, and faculty. Our faculty's dedication to their profession and their students is clearly making an impact as more and more students are being recognized for their work. In addition to the accomplishments of those in the Department of Teaching and Learning, it is also important to note that Florida Atlantic University went through a very positive review by their accrediting body, the Southern Association of Colleges and Schools (SACS). Clearly, this has been a remarkable semester!

Other milestones are worth mentioning as well. Two of our faculty will be retiring this summer. Dr. Sharon Crawley and Dr. Ray Cafolla. Those of you who had either of these outstanding professors can attest, I'm sure, to the positive impact they made on your education. They will be missed by their colleagues as they move forward to well-deserved retirements. I would also like to congratulate Dr. Joseph Furner on his promotion to full professor. This is an outstanding achievement.



Barbara Ridener, Ph.D., Chair  
Department of Teaching & Learning

As we move forward with summer, I hope that everyone will have the opportunity for some rest and renewal.

## DTL Updates Website; Redesigns Home Page

Check out the Department of Teaching and Learning's website at [www.coe.fau.edu/academicdepartments/tl/](http://www.coe.fau.edu/academicdepartments/tl/). The home page has been redesigned to include rotating photographs and captions with a link for more information about our bachelor's and master's

degrees. There are also direct links to the undergraduate and graduate applications, as well as a link to course information.

The DTL website has also been updated to make navigation simpler and information easier to find. For example, the

Reading website can now be accessed from the category bar on the left-hand side. It features a PowerPoint presentation on the Reading, Language Arts and Children's Literature Program. Also, the Faculty Books web page for DTL has been updated.

## Nardone Named University Scholar for COE

On April 2, 2013, Dr. Brenda J. Claiborne, Provost and Chief Academic Officer, announced the selection of Meredith Nardone, formerly Costantini, to receive the University Scholar Award for Florida Atlantic University (FAU)'s College of Education.

Nardone was presented the award at the 2013 Honors Convocation ceremony held on Monday, April

22, 2013 at 4:30 p.m. at the University Theatre on the Boca Raton Campus. She was one of eight undergraduate recipients.

The University Scholar Awards are given in recognition of outstanding academic achievement and upon the recommendation of faculty in each of the eight undergraduate Colleges.



Meredith Nardone

Nardone graduated from FAU on May 3, 2013 with a B.A.E. in Elementary Education with ESOL Endorsement.

# Check Out the New Mural for DTL



The Department of Teaching and Learning's new mural is now displayed in ED-47 across from Room 355 on the Boca Raton Campus. At right are the left and right panels. The middle panel features the photograph shown on page 12 and on the DTL website.



## Graduate Recruitment Brochures Debut

New brochures, flyers and bookmarks have been created for master's degree programs offered by the Department of Teaching and Learning (DTL). If you would like a

copy for a specific program or all of our programs either stop by Room 352 in ED-47 or send an email to [DeptTeachLearn@fau.edu](mailto:DeptTeachLearn@fau.edu). Flyers have been posted on DTL's website.

The Department of Teaching & Learning faculty, alumni and students received a variety of awards and honors during the spring 2013 semester. Kudos to each of them for their accomplishments.

## Jupiter Campus Awards DTL Student, Faculty

A Department of Teaching and Learning student and faculty were among the award recipients of the Northern Campus Achievement Awards held on Monday, April 22, 2013 by the College of Education.

Christin Valerga, who is majoring in Elementary Education, received the Outstanding Undergraduate Student Award.



Dr. Deborah Carlstrom, Visiting Instructor, Teaching and Learning, earned the Exceptional Faculty

Award. Dr. Jennifer Bird, Instructor, Teaching and Learning, was the Exceptional Faculty Award Finalist.

## Two Graduate Students Presented Papers

Two graduate students in the M.Ed. Social Foundations: Instructional Technology program presented and published papers at the Society of Informational Technology and Teacher Education Annual Conference in New Orleans in March 2013.

Kristina Bielskus-Barone's paper focused on software as a service (SaaS) delivered through the cloud, which can save school districts money

in the management and delivery of technology and instructional support software.

Allison Berger presented a future representation of classrooms using glass technology. The presentation explored ways students will be able to interact with instructional material using see through mobile devices, wall displays and interactive tables.

## Wenk Received NSTA New Teacher Award



Elizabeth Wenk

Elizabeth Wenk, a Department of Teaching and Learning alumna, earned a National Science Teacher Association (NSTA): Maitland P. Simmons Memorial Award for New Teachers. The award was bestowed during the Next Generation Learning, Literacy and Living Conference in San Antonio, TX, held from April 11-14, 2013.

Wenk is a high school science teacher at West Boca Raton Community High School. She

teaches regular and honors physics, as well as honors astronomy. A Florida Atlantic University graduate, she earned the M.Ed. Curriculum and Instruction plus Certification: Physics in May 2011.

"The Maitland P. Simmons Memorial Award for new teachers provides selected K-12 teachers (up to 25) in their first five years of teaching with funds to attend the annual National Conference on Science Education," according to the NSTA. "Award

recipients will be mentored, tracked and provided with continuing opportunities for meaningful involvement with NSTA and its activities."

"NSTA has been bringing science educators together for more than 50 years." This year's conference offered a series of sessions and presentations to stimulate professional growth, motivate participants' sense of inquiry and promote lifelong learning.

**Editor/Reporter:** Josephine Elliott

**Photographer:** Sharon Beyer

**Production:** Josephine Elliott

**Contributor:** Barbara Ridener, Ph.D.

**Correspondents:** Aniela Aponte, Traci Catto, Erica Parks

*The DeTail* is published three times a year by the Department of Teaching & Learning.

Story ideas may be submitted to [deptteachlearn@fau.edu](mailto:deptteachlearn@fau.edu). Include your name and contact information.

Please update your email address if you have graduated so we can keep in touch with you. Send it to [deptteachlearn@fau.edu](mailto:deptteachlearn@fau.edu) if you want to continue receiving this newsletter.

# FAU Graduates honored at Alumni Award Dinner/Ceremony

Four Florida Atlantic University (FAU) alumnae were among the award recipients of the Outstanding Professional Educator Alumni Award (OPEAA). The College of Education recognized their achievements during a ceremony and celebration on April 11, 2013 at 5:00 p.m. at the FAU High School.

Kelly Homa received the Elementary Award. She earned the B.A.E. Elementary Education degree from FAU in May 2007. She now teaches the gifted first grade class at Timber Trace Elementary School in the School District of Palm Beach County (SDPBC).

Homa incorporates technology in the classroom to "boost



**FAU Alumnae (from left) Kendra Huff, Rachel Stone, Nicole Marsala, and Kelly Homa accept the Outstanding Professional Educator Alumni Award presented by the College of Education.**

achievement and bolster reluctant learners." She also prepares extra curricula projects. For example, she created the annual Flash Mob for World Book Day three years ago and even involved business partners to raise funds for literacy projects at school.

Homa serves as Grade Chair, Marzano Liaison, Green Team Chair, as well as on the Technology Committee.

Nicole Marsala won in the Social Studies Secondary category. She teaches eighth-grade U.S. History and seventh-grade Civics at Coral Springs Middle School in Broward County. She is the Department Chair, School Advisory Council (SAC) Chair, Common Core Cadre and organizes yearly trips to Washington, DC.

Kendra Huff was awarded for the Science Secondary category. Huff is a pre-medicine magnet teacher at Palm Beach Gardens High School in SDPBC. She teaches 10th-grade Pre-Med Anatomy and Physiology Honors, ninth-and 10th

-grade Biology Honors and 11th-and 12th-grade Zoology Honors. She is the Marzano Teacher Liaison, Science Club Sponsor, First Priority Sponsor, Assistant Varsity Girls Volleyball Coach, and Magnet Teacher.

Rachel Stone received the awards in the English Secondary category. She teaches English III Honors and Regular, as well as Reading at Park Vista Community High School in SDPBC. She serves as the Cheerleading Coach/Sponsor, a position she has held since 2010. Presently, she is a Clinical Educator "mentoring a FAU student intern." Stone also provides academic advising for the football team.

## Three DTL Students Selected for Research Awards

Among the Broward undergraduate students awarded \$3,500 for their research during the fall 2012 and spring 2013 semesters are three Department of Teaching and Learning (DTL) students in the College of Education. They were nominated by DTL faculty who worked with them.

To earn the award, awardees produced a summary description of their work at the end of the semester. They were encouraged to participate in the Third Annual Broward Student Research Symposium held on March 15, 2013.

This program was made possible by a one-time allocation from the Florida Department of Education to strengthen "2+2" partnerships. It is also part of Florida Atlantic University's Distinction through Discovery Quality Enhancement Plan.

The Spring 2013 Broward Undergraduate Research Awardees who are students in DTL's undergraduate programs are: Stacey Rodriguez: *Science Literacy Strategies for Problem-Based Learning in Nanotechnology*, and Samantha Goodwin: *Accommodations and Bibliotherapy for Children of Military Families*.

Rodriguez is an Elementary Education major. She was nominated by Dr. David Kumar, Professor of Science Education. Goodwin is a Social Science Education major. She was nominated by Dr. Philomena Marinaccio, Associate Professor.

The Fall 2012 Broward Undergraduate Research Awardee who is a DTL undergraduate student is: Jennifer Stengel: *Navigating Unfamiliar Waters: K-12 Haitian and Jamaican Students and the U.S. Educational System*. An Elementary Education major, Stengel was nominated by Dr. Angela Rhone, Professor.

Each year the Broward Research Symposium provides student researchers the opportunity to experience presenting research or course projects, and serves as a forum for student interaction with faculty and peers.

## Two DTL Students Recognized at COE Honors Reception

The Department of Teaching and Learning chose two students to receive awards during the College of Education (COE) Honors and Awards Ceremony given by Dr. Valerie J. Bristor, Dean, COE, on Friday, May 3, 2013 at 1:30 p.m. in the Education Building on the Boca Raton Campus.

Jennifer Stengel earned the Outstanding Undergraduate Award for the Department of Teaching and Learning. She is an undergraduate

student who plans to graduate in December 2013 with a B.A.E. in Elementary Education after completing her student teaching in the fall. Stengel was also awarded the Dean's Award in the Outstanding Undergraduate Student category.

Ruth Weil, a graduate student who earned the M.Ed. Reading Education on May 3, 2013, was awarded the Outstanding Graduate Award for the Department of Teaching and Learning.



**Jennifer Stengel**

**OUTSTANDING UNDERGRADUATE AND DEAN'S AWARD RECIPIENT**



**Ruth E. Weil**

**OUTSTANDING DTL GRADUATE**



# Dr. Lambert Heads NASA Grant on Climate Change Education



Dr. Julie Lambert

Future south Florida high school, undergraduate and perhaps middle school students will become detectives investigating climate science using the curriculum Dr. Julie Lambert, Associate Professor, Teaching and Learning, developed under the National Aeronautics and Space Administration (NASA) Innovations in Climate Education program.

As part of the special topics class on climate change education taught during the spring 2013 semester, Dr. Lambert explained the conceptual framework for the Climate Science Investigations: South Florida (CSI) curriculum. Throughout the semester the 15 graduate students enrolled in the EDG 5931 special topics assisted with development of the modules on the causes, evidence, impacts and solutions. The work-in-progress website is <http://131.91.162.18/nasa/>. Students' work on the curriculum counted toward Academic Service Learning, which enables Florida Atlantic University (FAU) students to earn credit for volunteering in the community while enhancing their own academic learning.

The students also reviewed completed portions of the curriculum to determine if there are ways to improve them. In addition, they developed materials for teachers to supplement the website. Examples included PowerPoint presentations, reading questions, lesson plans, vocabulary and additional resources.

Dr. Lambert is the principle investigator (PI) of the NASA grant

and co-PI for the California State University Channel Islands NASA grant, focusing on professional development. She is the primary author of website content. In addition to her students, Dr. Lambert has been assisted in developing the climate change curriculum for NASA by Dr. Alana Edwards, Coordinator Education Training Programs, Center for Environmental Studies, who created the graphic and structural design for the NASA website and is the curriculum and researcher for the grant; Anne Henderson, Adjunct Instructor, Teaching and Learning; and Kevin Leichtman, a former Graduate Assistant, Teaching and Learning.

Other contributors outside of FAU include Co-investigators Dr. Brian Soden, University of Miami, and Dr. Robert Bleicher, California State University, Channel Islands; Web Designer/Programmer Shane Forsythe; and Science Writer/Editor Suzanne Smith Sundburg. Dr. Soden is a Nobel prize recipient for his work on the 2007 Intergovernmental Panel on Climate Change report and is currently working on the upcoming report due to be released in 2014.

## Climate Change Curriculum

Dr. Lambert began work on the three-year grant project in January 2011. She first gathered research on knowledge of climate change and perceptions about climate science by surveying pre-service teachers. Using this research, she implemented evidence-based argumentation to guide the

"storyline" of the climate science curriculum. This curriculum has been aligned with the Next Generation Science Standards, according to Dr. Lambert.

The name of the website is Climate Science Investigations: South Florida (CSI: South Florida). The curriculum is designed to introduce learners to the "Nature of Science." They will first learn about the nature of scientific inquiry; second, the scientific argument; third, the skeptical scientist; and fourth, scientific consensus and certainty. At this point, the students will not be told that climate change is happening yet, she noted to her graduate climate education class.

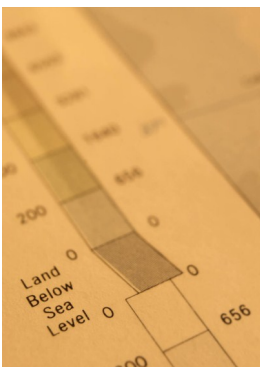
Once the foundations of the nature of science have been taught, the students will be told that "scientists are like detectives." They collect data, propose hypothesis, etc. "Similar to what detectives do but different," Dr. Lambert told her climate change education class. In Module two titled "Weather and Climate," students will pose questions, such as, "Are extreme weather events increasing?" To answer this question, students learn to take data from the Weather Underground website and put in an Excel spreadsheet and to create a graph and analyze recent heat waves throughout the world.

Module three focuses on energy, which is the driver of climate change. Here is where students learn of radiation balance for both the earth's surface and atmosphere,

*(Continued on page 5)*

Visit the climate change curriculum developed by a team assembled by Dr. Julie Lambert, Associate Professor, Teaching and Learning, at <http://131.91.162.18/nasa/>.

## Englander Presents Science on Sea Level Rise



Climate change is a controversial topic. But once Hurricane Sandy hit the northeast coastline of the United States last fall, author John Englander's book "High Tide on Main Street" published one week earlier garnered media attention. It is also one of the required textbooks for a special topics course called Global Climate Change Education taught by Dr. Julie Lambert, Associate Professor, Department of Teaching and Learning.

On Wednesday, Jan. 23, 2013, Englander presented a lecture on the science behind sea level rise and climate change. The Florida Center for Environmental Studies at Florida Atlantic University coordinated this presentation. In attendance were students from Dr. Lambert's class and the general public.

Englander, who is an oceanographer with a broad background, including geology and economics, explained that the "shoreline moves 300 feet

on average for each foot of elevation." Using graphs, he showed that sea level change over a long time follows a regular pattern and that pattern hasn't changed for about 6,000 years.

"Right now we're at the high point," said Englander. "We should be at the turning point." What's changed? According to Englander, "We've deviated from

*(Continued on page 5)*

# Dr. Bird Receives National Recognition for Online Course

Dr. Jennifer Bird, Instructor, Teaching and Learning received national recognition for her online course—LAE 4360 Language Arts Middle and Secondary School—from the Quality Matters (QM) Peer Course Review Team on Jan. 15, 2013.

LAE 4360 met QM review expectations using the 2011-2013 QM Rubric, scoring 93 out of 95 possible points. This means the course met each of the 21 essential standards.

According to QM, the QM program "is a faculty-centered, peer review process that is designed to certify the quality of online and blended courses. QM is a leader in quality assurance for online education and

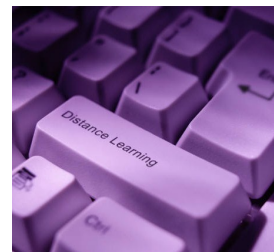
has received national recognition for its peer-based approach and continuous improvement in online education and student learning." Courses that

successfully meet QM standards are eligible to carry the certification mark in connection with the course title and faculty developer.

## Dr. Marinaccio Selected Guest of E-learning

As a participant in the "I Survived CEL [Center for eLearning] 1001 Campaign," Dr. Philomena Marinaccio, Associate Professor, Teaching and Learning, has been selected to be a guest of E-learning at the E-learning Conference in April 2013. The conferences selected this year are offered through the Sloan Consortium, an institutional and professional leadership organization dedicated to integrating online education into the mainstream of higher education.

During the conference, Dr. Marinaccio learned how to create compelling online learning experiences, student-centered iPad classrooms, and a massive open online course (MOOC) aimed at large-scale participation and open access via the web. She also participated in faculty professional development strategies, learned online course planning tools, and examined some of the current issues with online learning. Visit CEL at <http://www.fau.edu/cel/> to learn more about equipping faculty.



## DTL Students Sponsor Literacy Program for Women

Seeking to make a difference, students of Leslie Calhoun, Core Teaching Instructor, Teaching and Learning, collected funds and made a donation to the Heifer International Foundation.

These students were in Calhoun's RED 4552 Reading Diagnostics and Remediation classes during the spring 2013 semester on the Boca Raton and Jupiter Campuses.

The funds will be used to sponsor a literacy program for women in a third world nation. The program is designed to teach women how to read so that they can become more independent and self sufficient.

"Heifer International's mission is to work with communities to end hunger and poverty and care for the earth."

### Dr. Lambert's NASA Grant

*(Continued from page 4)*

Dr. Lambert continued. After learning about extreme weather and radiation balance, students will look at temperature data on an interactive graph found in the fourth module, "Temperature Over Time." They will examine different ice core data sets such as Greenland and those created by Michael Mann, and look at linear regression and trend lines, Dr. Lambert explained.

At this point students should see that the temperatures are warming rapidly, noted Dr. Lambert. In the next module,

"Causes of Climate Change," students will learn about forcings that cause an energy imbalance and recent warming. This module was under construction during the spring 2013 semester as were the rest of the modules, titled "Impacts of Climate Change," "What We Can Do," and finally, "Arguing About Climate Change."

Once the NASA website is completed, the curriculum will consist of eight interactive modules created with the input of FAU science education students and local teachers, according to Dr. Lambert. The modules will be piloted in several Broward, Miami-

Dade, Monroe and Palm Beach high schools during the third year of the grant. The purpose of the curriculum, according to Dr. Lambert, is to provide teachers with an inquiry-based 9-week unit of instruction on climate change. It is designed to engage students as they explore ideas, conduct investigations, analyze data and develop evidence-based scientific argument.



### Englander Presentation

*(Continued from page 4)*

the normal cycle due to greenhouse gasses."

Over the last century, the ocean temperature warmed a degree and a half Fahrenheit, Englander noted. Also, the ice field which covers 90% of Greenland is melting, he claims.

Major acceleration in the change of coastlines, according to Englander, may be caused by the Greenland and west Antarctica glaciers. Other

factors affecting the coastlines include storm surge created by hurricanes such as Hurricane Sandy, tide cycle/extreme tide and certain geologic/topographic situations.

The take away from Sandy, Englander observed, "We're not protected by elevation." What does this mean for Florida? Englander cited two studies in Hollywood, FL, and Miami Beach, FL.

"Miami will not be in 100 or 200 years," Englander predicted. Due to its porous limestone bedrock, Miami

can't have a sea wall built, he explained.

On the other hand, "we have opportunity and time to adapt to a shoreline moving in decade after decade," he said. "It's a different perspective," he continued. During his presentation, Englander said that temperatures need to be looked at not just locally but globally. "It is climate de-stabilization."

He concluded, "We do the best when we're challenged the most."



### Miller Works as Education Programs Manager at PB Zoo



Kelly Miller and Wilbur, a Hoffman's two-toed sloth

As a child, Kelly Miller developed a love of animals because her parents had a zoo membership. "My parents took me to the zoo," she said. "I still like going to the zoo as an adult."

Today, Miller works at the Palm Beach Zoo as the Education Programs Manager. She has been there a total of six years: three years in her present position and three years as an Education Specialist teaching programs.

"I still teach programs," said Miller, but she also oversees other education specialists, creates and directs education programs at the zoo.

"Our department takes animals out to schools," she stated. The Palm Beach Zoo also offers Saturday programs for toddlers and young children, summer camp programs, as well as guided tours for school field trips through the zoo and animal hospital.

Miller decided to pursue the M.Ed. Environmental Education degree at Florida Atlantic University (FAU) because she wanted to create effective programs and evaluate them to make sure that the zoo's goals were being met. Miller, who holds a bachelor's degree in

Environmental Biology from Ohio University, earned her graduate degree in December 2012.

"I had a job I loved and wanted to do it as well as I could," she explained. The Palm Beach Zoo's mission is to "inspire people to care about nature and protect it. How do we evaluate and answer questions like: What factors make for a good environmental learning experience?"

To that end, the Palm Beach Zoo now offers an exciting new program called, Zoo School, where students have the opportunity for in depth study, getting to know animals up-close and personal. By moving their classroom to the zoo for a week, the students also learn about environmental issues and take part in interdisciplinary lessons such as converting an 1/8 of a cup to make recipes for animal diets, she said.

Reflecting on her graduate studies at FAU, Miller said, "The capstone project was really valuable. I had never done a research project." Miller worked with FAU alumna Kristi Moyer, Facilities and Land Management Coordinator at the Pine Jog Environmental Center. Moyer was Miller's mentor for Miller's project: "creating an education program that would get after school students learning about and contributing to the environment."

As part of her project, Miller had students identify local butterflies and participate in a butterfly count. Many butterflies, Miller explained, are in decline due to habitat loss.

Two electives Miller says have helped her most in her career are the sustainability leadership course taught by Educational Leadership Instructor, Dr. John Hardman, and the educational statistics class. The latter course helped Miller to understand studies she read that used advanced statistics techniques that she didn't really understand before taking the advanced statistics class.

Prior to joining the Palm Beach Zoo, Miller worked at two other zoos: Santa Barbara Zoo in California and Lee Richardson Zoo, Garden City, KS, and at an environmental education camp in Tennessee.

Asked what her favorite animal is she said, "I have a new favorite every day." She is especially interested in birds such as parrots. "They have a lot of personality," she noted. "Instead of learning the technique [of handling them as required by most animals], it is more [about] forming a bond with that animal. [You] have to make friends with a parrot."

The M.Ed. in Environmental Education enhances the environmental knowledge and skills of practicing teachers and prepares future environmental professionals in various careers.

### Lundquist Holds Administrative Position at Lincoln College

While teaching communications at Bak School of the Arts in West Palm Beach from August 2007 to 2009, Sarah Lundquist became the environmental leader for teachers. This involved recycling and turning off electronic devices when leaving the school. As a result of the efforts of Lundquist's Green Team, Bak had the lowest energy bill for the school to date.

This achievement provided Lundquist the opportunity to attend the first Green School recognition seminar at the Pine

Jog Environmental Center. During the event hosted by the School District of Palm Beach County (SDPBC), Lundquist said she learned about Florida Atlantic University (FAU)'s master's degree in Environmental Education.

At the time Lundquist only had an associate's degree in Theater Technology from Palm Beach State College because the classes she taught at Bak were part of a vocational program. It was then she decided to finish her bachelor's degree in order to apply to the master's degree program, Lundquist explained. She then earned a

bachelor's in Arts and Humanities in May 2010 and the M.Ed. Environmental Education in May 2012 from FAU.

While a student at FAU, Lundquist taught music at North Palm Beach Elementary School from 2010 to 2012. Before becoming a teacher she worked in graphic arts and production and as a writer for various television stations over a span of six years.

After graduating with a master's degree in Environmental Education, Lundquist became an

(Continued on page 7)



Sarah Lundquist



# DTL Awards 179 Bachelor's Degrees, 23 Master's Degrees

On Friday, May 3rd, the Department of Teaching & Learning (DTL) 179 undergraduate students and 23 graduate students donned their caps and gowns to receive their diplomas during the College of Education commencement ceremony at 9:00 a.m. in the Carole and Barry Kaye Performing Arts Auditorium on the Boca Raton Campus of Florida Atlantic University.

Among the undergraduate students, 152 earned bachelor's degrees in Elementary Education, nine in English Education, two in Mathematics Education, four in Music Education, 10 in Social Science Education and two in Science Education: Biology.

The following graduate students earned Master's in Education degrees:

**M. Ed. Curriculum & Instruction plus Certification: Biology**  
Bhavna N. Jadav

**M.Ed. Curriculum & Instruction plus Certification: Social Science**  
Megan L. Rudnick

**M.Ed. Elementary Education**  
Dana L. Grasmick  
Jennifer M. Rizzo  
Aubrey N. Lotman  
Jessica E. Stark  
Danielle H. Rappaport  
Rebekah Jaffe

**M. Ed. Environmental Education**  
Patricia D. Rielly

Jaime N. Rottura  
William R. Bartenslager  
Bradley D. Hartle

**M.Ed. Social Foundations: Educational Psychology**  
Agnes Nemeth  
Danielle M. Montanus  
Joshua A. Katz

**M.Ed. Social Foundations: Instructional Technology**  
Michael G. Vogt  
Kristina D. Bieluk-Barone  
Abrar S. Almoosa

**M. Ed. Reading Education**  
Ruth E. Weil  
Cassandra M. Kenski  
Michelle L. Fox  
Allyson B. Kane  
Kelsey A. McGregor



**Spring 2013 College of Education Undergraduates in the Department of Teaching and Learning are from left Jessica Lorber, Jessica Bierals and Maggie Ortega. They each earned the bachelor's degree in Elementary Education.**



**Graduate Students Allyson Kane (left) and Michelle Fox earned the M.Ed. Reading Education on Friday, May 3, 2013.**



**Jodi Morris (left), Rochelle Ramonas (center) and Nellie Guerrier are about to receive the bachelors degree in Elementary Education during the commencement ceremony.**



**Sarah Friedman looks forward to receiving the B.A.E. in Elementary Education before the graduation ceremony.**

## Lundquist Holds College-Level Position

*(Continued from page 6)*

Environmental Science Teacher at Lincoln College of Technology, West Palm Beach, in July 2012. "My students learned from someone passionate about environmental education," Lundquist pointed out. They learned the "core principles" of why the "environment is important."

In December 2012 she was promoted to an administrative management position as the Early Student Engagement Coordinator at Lincoln College of Technology. In addition to teaching one section of Environmental Science at the

College, Lundquist is responsible for providing new students with the basic skills of learning and studying during their first 24 weeks of their first year.

She teaches the "Foundations of Success" class which addresses personal and school issues such as writing a term paper, she noted. "This is a critical time when students drop out of school."

"I would never have been able to work at the college level without a master's degree," said Lundquist. "[My] critical thinking skills improved with all the writing." The program provided a "great combination of education courses and environmental courses."

Her advice to current graduate students is to "stick with it," Lundquist said. She learned so much from the guest speakers Dr. Julie Lambert, Associate Professor, Teaching and Learning, brought from different areas of Florida and those who are working on the National Aeronautics and Space Administration (NASA) grant to class.

Sarah Hopler, a graduate of the M.Ed. Environmental Education program in May 2011 and Program Coordinator at the Grassy Waters Preserve in West Palm Beach, served as Lundquist's mentor during the Capstone project. Lundquist taught arts

integration in environmental education as part of her research for her project. The purpose was to develop a program to teach about the environment through the arts to elementary students, explained Lundquist, "but it can be applied to other grade levels."

Lundquist is most proud of her participation in Graduate Research Day in March 2012. She said she and Kelly Miller, who earned the M.Ed. Environmental Education in December 2012, were the first two environmental education graduate students to take part in the event.

# Dr. Crawley, Reading Professor, To Retire After 25 Years



Dr. Sharon Crawley

*Books are the quietest and most constant of friends; they are the most accessible and wisest of counselors, and the most patient of teachers.*

—Charles W. Eliot

Dr. Sharon Crawley, Professor of Reading Education in the Department of Teaching and Learning, plans to retire from Florida Atlantic University (FAU) on July 30, 2013 after 25 years of teaching.

A prolific author of books, booklets, workbooks and articles on Reading, Dr. Crawley served on dissertation committees and received many honors during her distinguished career. Among them are the Professional Excellence Program Award (EPE) from the Florida Board of Regents in 1998; Outstanding Advising Award for 1997-1998 upon recommendation from the College of Education to the University; the Teaching Incentive Program Award (TIP) from the Florida Board of Regents in 1995; Texty Award presented by the Text and Academic Authors Association for the book, *Pocketful of Posies*, in 1994; and was approved by unanimous vote to be put on literature adoption list for State of Florida for the *Jamestown Heritage Series*. She has also presented regionally, state-wide and nationally.

Dr. Crawley began her career as a teacher in grades two and four in Bristol and Farmington, Connecticut. Three years later, she became a reading consultant in Simsbury, Connecticut. Four years later, she took on the position of Instructor, Houston Community College for one year; Lecturer/Teaching Assistant, University of Houston for two years; Assistant/Associate Professor of Augusta College in Augusta, Georgia for seven years; and Associate Professor of the University of Texas at El Paso for two years.

Dr. Crawley joined FAU in 1988 teaching reading and literacy courses. In 1989, Dr. Crawley was named Director of the Teacher Education Center. She was granted tenure in 1990. In 1997, she became Co-Chair of the College National Council of Accreditation of Teacher Education (NCATE)/Florida Department of Education (DOE)/Board of Regents 2000 review. In 2000, she served as Interim Chair, Department of Teacher Education.

Reflecting on her career, Dr. Crawley stated that it is difficult to single out a greatest achievement.

Writing the *Jamestown Heritage Readers* was exciting and challenging; and she had the opportunity to meet authors and illustrators from around the world. Co-chairing the College NCATE/Florida DOE/Board of Regents 2000 review involved working with people throughout the College of Education (COE) and people at the State and National levels. Dr. Crawley noted she gained a new perspective and appreciation for what was happening within the College, and she enjoyed the organization.

She says Reading is a foundational subject because it serves as the basis of all learning. Her advice for pre-service teachers is to enter teaching knowing that every child can learn. Don't let state and national mandates take the joy of teaching and excitement of guiding and watching students learn away from you. Understand that good teachers continue to read, learn, and challenge themselves and their students. And, take time to travel. Travel provides a chance to "recharge"; opens the doors to understanding history, science, other cultures and literature; and it opens the doors to new and exciting adventures.

# Dr. Cafolla To Retire from Teaching Instructional Technology



Dr. Ralph Cafolla

Dr. Ralph Cafolla, Professor of Instructional Technology in the Department of Teaching and Learning, plans to retire from Florida Atlantic University (FAU) on Sept. 1, 2013 after 17 years of teaching.

"My association with FAU began when I entered as an undergraduate student in 1966," noted Dr. Cafolla. "It's been amazing to see the University evolve from a two-year [upper-division and graduate-level] University to the major education institution it is today."

Dr. Cafolla has an A.S. from the Junior College of Broward County. From FAU, he earned a B.A. in Political Science Education, a M.Ed. in American History Adult Education, an Ed.S. in Psychology and an Ed.D. in Community College Curriculum and Instruction.

He joined FAU in 1996 as Assistant Professor. In 1998 he was promoted to Associate Professor. From 2001 to 2003, Dr. Cafolla served as Interim Department Chair and from 2003 to present he holds the rank of Professor.

Prior to joining FAU, Dr. Cafolla held teaching positions at Barry University, Queens College, Florida International University, Broward Community College, as well as in Adult Education at the Broward County School District and as a fourth grade teacher in Marathon, Florida.

His administrative experience includes serving as Director of Ph.D. program in Educational Technology and Leadership, Barry University; Director of Post Master's Degree in Educational and Learning Technologies, Queens College, City University of New York; Supervisor, Instructional Computing in the Sarasota School District; and Director of Artnet, a microchip network linking Colleges of Arts, Humanities, Education and Law in Florida's state university system.

Dr. Cafolla's research interests focused on learning theory and how to design effective computer based instruction. He has written two books and many papers on this and

related topics. For the past several years, Dr. Cafolla has worked on improving distance learning. Aside from research, Dr. Cafolla considers the opportunity to teach and work with students his greatest contribution.

Asked why instructional technology is an important subject for students, Dr. Cafolla explained, "Technology is ubiquitous. It is a way to gain information. To not use those resources is to miss out on a great opportunity."

Dr. Cafolla's advice for pre-service teachers is, "Your career may have ups and downs, but if you have the passion for teaching, stick with it. Eventually you'll get where you need to be."

As for those who are aspiring to be instructional designers and corporate trainers, Dr. Cafolla offered this advice, "Instructional design is the future of education. It is a growing field with many opportunities for those prepared to take them. A degree is essential."



# 2012-2013 DTL Faculty Conference Presentations

Presenter(s) Presentation Title Conference Name Location Date

Dr. Ray J. Amirault	New Directions for the University in the World of e-learning	23rd International Conference on College Teaching and Learning	Ponte Vedra Beach, FL	April 2012
Dr. Valerie J. Bristor Dr. Penelope Fritzer Dr. David Kumar Dr. Rebecca Harlin*	Adventures in Alternative Certification: A Tale of Nimbleness and Adaptation	A paper presented at the 9th Annual Effective Pathways to Teaching Conference	Washington, DC	April 2012
Dr. Valerie J. Bristor Dr. Penelope Fritzer Dr. David Kumar	A Successful Pathway to Alternative Certification	A paper presented at the Hawaii International Conference for Education	Honolulu, HI	January 2013
Dr. Susannah Brown E. D'Antonio**	Museum Art Education	Presented at the Florida Alliance for Arts Education Conference	Miami-Dade School District, FL	February 2012
Dr. Susannah Brown	Research on Visual Art and Environmental Issues: Curriculum Design by Pre-Service Teachers	Paper presented at the National Art Education Association Conference	New York, NY	March 2012
Dr. Susannah Brown	Artists Books and Nature: Visual Infinity Stories	Paper and hands-on workshop presented at the National Art Education Association Conference	New York, NY	March 2012
Dr. Susannah Brown	Art and Writing Curriculum	Presented at the Florida Alliance for Arts Education Conference	West Palm Beach, FL	February 2013
Dr. Victoria Brown J. Kossey**	QR Codes: A Quick Response for Education	Paper presented at Society for Information Technology and Teacher Education International Conference	Chesapeake, VA	2012
Dr. Victoria Brown D. Lewis**	Individuals with ADHD and Cognitive Processing of Multimedia	Paper presented at Society for Information Technology and Teacher Education International Conference	Chesapeake, VA	2012
Dr. Victoria Brown A. Berger**	See Through Glass to the Future of Education	Paper presented at Society for Information Technology and Teacher Education International Conference	New Orleans, LA	2013
Leslie Calhoun	Using Mentor Texts for Independent Writing: Primary and Intermediate	Reading and Writing Workshop	Boca Raton, FL	December 2012
Dr. Marta Cruz Janzen Scott Mattei**	Uncovering the Roots of Popular Salsa Dance	8th Annual Language and Culture Conference: Climbing to New Heights	Palm Beach County Schools, FL	October 2012
Dr. Marta Cruz Janzen	Screening of "Biblioburro"	Discussion at Palm Beach Public Library System	Boca Raton, FL	November 2012
Dr. Lori Dassa	Purposeful Play	Presented at the Florida Association for Educating Young Children (FLAEYC)	Orlando, FL	October 2012
Dr. Penelope Fritzer	Angela Thirkell: Living with the War	A paper presented at the Biannual meeting of the Angela Thirkell Society of North America	Hartford, CT	August 2012
Dr. Penelope Fritzer Dr. David Kumar Dr. Valerie J. Bristor	An Alternative Pathway to Teaching in High Need Subjects in the United States	A paper presented at the International Conference on Redefining Education: Expanding Horizons	Mumbai, India	January 2013
Dr. Joseph Furner	Connecting Geometry, Measurement, and Algebra Using GeoGebra for the Elementary Grades	Paper presented at the International Conference on Technology in Collegiate Mathematics Annual Conference	Orlando, FL	March 2012



The Department of Teaching and Learning faculty members share their expertise, ideas and research findings with other professionals in their fields at conferences held throughout the United States and the world.



\* retired DTL faculty  
\*\* non-DTL faculty

(continued on page 8)

# 2012-2013 DTL Faculty Conference Presentations

Presenter(s) Presentation Title Conference Name Location Date

Dr. Joseph Furner	Using GeoGebra to Connect Geometry, Measurement, and Algebra for Elementary Learners	Research and resources presented at the Florida Council of Teachers of Mathematics Annual Fall Conference	Orlando, FL	October 2012
Dr. Joseph Furner	Learning Math Concepts in Your Environment Using Photography and GeoGebra	International Conference on Technology in Collegiate Mathematics	Boston, MA	March 2013
Dr. Alyssa Gonzalez-DeHass Dr. Joseph Furner Maria Vasquez-Colina**	Pre-Service Teachers' Achievement Goals and their Math Anxiety	2013 Eastern Educational Research Association Annual Conference	Sarasota, FL	February 2013
Dr. Alyssa Gonzalez-DeHass Dr. Patricia Willems	Effective Case Study Instruction in Educational Psychology	2013 Eastern Educational Research Association Annual Conference	Sarasota, FL	February 2013
Dr. David Kumar Dr. Barbara Ridener Dr. R. L. Bindu**	Teaching Nanoscale through Integrated Science and Mathematics	A paper presented at the International Conference on Redefining Education: Expanding Horizons	Mumbai, India	January 2013
Dr. Julie Lambert R. Bleicher** Anne Henderson*** Dr. Joan Lindgren* A. Edwards**	Pre-service Teachers' Perspectives on Global Climate Change	Paper presented at the Annual Conference for the Association for Science Teacher Educators	Clearwater, FL	January 2012
Dr. Julie Lambert Dr. Joan Lindgren*	Strategies for Teaching Climate Change & Climate Science Investigations: South Florida	Two presentations at the Empowering Capable Climate Communicators training event		February 2012
Dr. Julie Lambert	Challenges of Teaching Climate Change & How to Talk to Skeptics Using Scientific Argumentation	Two presentations at PEL Institute at California State University	Channel Islands, CA	June 2012
Dr. Julie Lambert Dr. A. Edwards**	Climate Science Investigations (CSI): How CSI Addresses Sea Level Rise Education	Risk and Response Sea Level Rise Summit	Boca Raton, FL	2012
Dr. Julie Lambert Dr. A. Edwards** R. Bleicher** B. Soden** Anne Henderson***	Climate Science Investigations (CSI): South Florida—Addressing Skeptics' Claims Using Evidence-Based Argumentation	Geological Society of America	Charlotte, NC	November 2012
Dr. Julie Lambert R. Bleicher** B. Soden** Dr. A. Edwards** Anne Henderson***	A Framework for Addressing Skeptics' Claims Using Evidence-Based Argumentation: Lessons Learned from Educational Research	American Geophysical Union	San Francisco, CA	December 2012
Dr. Julie Lambert R. Bleicher** Dr. Joan Lindgren* Anne Henderson*** Dr. A. Edwards** B. Soden**	Framing Climate Change for the Pre-service Teacher	Association of Science Teacher Education	Charleston, SC	January 2013
Dr. Suzanne Lapp R.K. Weber** E. Oldham** A. Fitzgibbon**	Teachers, Leaders, Technology and Change: 10-9-8-7-6-5...	Paper presented at the Society for Information Technology and Teacher Education (SITE)	Austin, TX	March 2012
Dr. Philomena Marinaccio Dr. Isadore Newman,** Dr. Steve Hecht** Dr. Steve Rios** Dr. Gerry Starratt**	Developing a Rubric to Estimate Fidelity of Implementation of Common Core State Standards Related Teaching Practices for Broward County Public Schools, the Nation's Sixth Largest School District	Presented at the Eastern Educational Research Association (EERA)	Sarasota, FL	February 2013



The Department of Teaching and Learning faculty members hold the highest degrees in their fields, value excellence, and are committed to teaching, research and service.



\* retired DTL faculty

\*\* non-DTL faculty

\*\*\* DTL adjunct instructor

(continued on page 9)

# 2012-2013 DTL Faculty Conference Presentations

Presenter(s)	Presentation Title	Conference Name	Location	Date
Dr. Philomena Marinaccio Dr. Isadore Newman** Dr. Gerene K. Starratt** Dr. Linda Bliss** Dr. Steve J. Rios**	An Evaluation of Broward County Public Schools Initiative to Foster Black Male Success	Eastern Educational Research Association (EERA)	Sarasota, FL	February 2013
Dr. Philomena Marinaccio	Mentoring High School Students for Reading Success: A Good FIT in the Glades	National Council of Teachers of English Annual Conference	Las Vegas, NE	November 2012
Dr. Donald Ploger R. Shankar** A. Nemeth** Dr. S. Hecht**	Exporting Engineering Technology Practice to Enhance Pre-College Mathematics Learning	Proceedings of the ASEE Gulf Southwestern Section	El Paso, TX	April 2012
Dr. Donald Ploger R. Shankar** A. Nemeth** Dr. S. Hecht**	Engineers and Other People: Communicating Engineering Results to a Larger Audience	Paper presented at the Conference for Industry and Education Collaboration (CIEC)	Phoenix, AZ	February 2013
Dr. Barbara Ridener Dr. Valerie J. Bristol Dr. Penelope Fritzer A. Asuncion**	Onward and Upward with American History Teachers	Paper presented at the Hawaii International Conference for Education	Honolulu, HI	January 2013
Dr. Nancy Romance Dr. Michael Vitale**	Effects of Inductive Vocabulary Development in Grades 3-4-5 on Achievement in Vocabulary and Reading Comprehension	American Education Research Association (AERA) Annual Meeting	Vancouver, Canada	2012
Dr. Nancy Romance Dr. Michael Vitale** T. Kaniuka**	Making Research Relevant: An Example of Aggregating School-Based Findings in Support of Decision-Making with Implications for Educational Leadership	American Education Research Association (AERA) Annual Meeting	Vancouver, Canada	2012
Dr. Nancy Romance Dr. Michael Vitale**	Addressing Text Complexity in Science at all Instructional Levels	Paper presented at the FCR-STEM Conference, Learning Systems Institute, Florida State University		2012
Dr. Janet Towell Dr. Nancy Brown**	The Art of Bookmaking and Creating Oral History Stories	Presenter at the Florida Association for Child Care Management	West Palm Beach, FL	February 2012
Dr. Janet Towell Lydia Bartram** Gina Sands**	RBQ2: Reading Buddies—A Qualitative and Quantitative Analysis	Presented at the International Association of Laboratory and Charter Schools Conference	Tallahassee, FL	March 2012
Dr. Janet Towell Dr. Nancy Brown**	Puppetry Workshop	Presented at the Slattery Educational Research Center	Boca Raton, FL	April 2012
Dr. Janet Towell Dr. Nancy Brown**	The Art of Bookmaking and Creating Oral History Stories	Presented at Children Count: Early Care and Education Conference	West Palm Beach, FL	April 2012
Dr. Janet Towell Lydia Bartram** Gina Sands**	RBQ2: Reading Buddies—A Qualitative and Quantitative Analysis	Presented at International Reading Association	Chicago, IL	May 2012
Dr. Janet Towell	Motivating Reluctant Writers, K-4	Presented at the National Council for Teachers of English	Las Vegas, NE	November 2012
Dr. Janet Towell		Interactive read-aloud at the Reading and Writing Workshop at the Bridge Hotel	Boca Raton, FL	December 2012
Dr. Patricia Willems Dr. Alyssa Gonzalez-DeHass	Parental Involvement and Students' Learning Strategy Acquisition	Roundtable presented at the annual meeting of the Eastern Educational Research Association (EERA)	Hilton Head, SC	February 2012



The Department of Teaching and Learning faculty members share their expertise, ideas and research findings with other professionals in their fields at conferences held throughout the United States and the world.



\* retired DTL faculty  
\*\* non-DTL faculty



## Florida Atlantic University

College of Education  
Department of Teaching & Learning  
777 Glades Road, P.O. Box 3091  
Boca Raton, FL 33431-3091

Phone: 561-297-6595  
Fax: 561-297-2925  
E-mail: [deptteachlearn@fau.edu](mailto:deptteachlearn@fau.edu)

[http://www.coe.fau.edu/  
academicdepartments/  
tl/default.aspx](http://www.coe.fau.edu/academicdepartments/tl/default.aspx)

Preparing informed, capable,  
and ethical practitioners who  
are reflective decision-makers.

### M.Ed. Environmental Education Capstone Projects Now on Display

Check out the capstone projects created by graduate students in the M.Ed. Environmental Education program. They are on display on the third floor of the Education Building, ED-47, Boca Campus, in the hall leading to Room 313.

*For information  
about programs  
contact:*

#### **Boca**

*undergraduate*

561-297-3570

*graduate*

561-297-3791

#### **Davie**

954-236-1028

#### **Jupiter**

561-799-8135

Student Teaching is an integral part of Florida Atlantic University's College of Education degree programs offered by the Department of Teaching and Learning that lead to eligibility for teacher certification. These programs include: The bachelor's degrees in Elementary Education with ESOL Endorsement (K-6) and Secondary Education (6-12), as well as master's degrees in Elementary Education with ESOL plus Certification and Curriculum and Instruction plus Certification. Here are some frequently asked questions:

#### **What is the benefit of student teaching?**

Student teaching is the last step before graduation. It provides an opportunity to apply to the classroom the theories learned in your courses. Interns teach in a public school setting five days a

week during fall or spring semester under the guidance of a clinical educator. A university supervisor observes and critiques student interns four times throughout the student teaching semester. As part of their assessment, student interns are required to complete daily reflections to identify successes and areas for improvement, as well as regularly update their portfolio on Live Text.

#### **How do I meet security clearance?**

All students are required to have evidence of security clearance on file with the Student Services Office in the District in which they are seeking placement. Visit the following Security Clearance Information link: <http://www.coe.fau.edu/students/oass/fieldexperience/SecurityClearance.aspx> for specific instructions for your assigned district.

#### **What is the deadline for the student teaching application?**

For fall 2013, the deadline is Jan. 31, 2013. For spring 2014, the deadline is Sept. 15, 2013. Be sure to include the following documents: a copy of passing FTCE (subject area and professional education) scores or evidence of test registration date, a copy of the application for degree, and a copy of an approved program sheet with all signatures. For more information visit: <http://www.coe.fau.edu/students/oass/studentteaching/default.aspx>.

#### **Where do I turn in my paperwork?**

Turn in your paperwork to the Office for Academic and Student Services Room 230 of the Education Building in Boca Raton, Room 202 of the Education and Science Building in Davie, or Room 206 of the SR Building in Jupiter.

## So You Want to Teach?

**FAU**  
DEPARTMENT OF  
TEACHING AND LEARNING  
College of Education  
Florida Atlantic University

Florida Atlantic University



*You can achieve your goal by either applying for one of our degree programs or seeking alternative certification through the Florida Department of Education.*

**Degree Programs**—The Department of Teaching and Learning offers eleven bachelor's degrees: B.A. or BAE in Elementary Education with ESOL Endorsement (K-6) and Secondary Education (6-12). Secondary Education students may choose from the following areas of study: English, Mathematics, Music, Science (Biology, Chemistry, Physics) and Social Science. Certification programs (K-12) are also offered in Art and Foreign Languages (French or Spanish).

If you already have a bachelor's degree in any major, you can pursue a second bachelor's degree (described above) or the M.Ed. Elementary Education with ESOL plus Certification or the M.Ed. Curriculum and Instruction plus Certification. All programs contain a student teaching component and lead to eligibility for certification. The former master's degree program will enable you to teach grades K-6 and the latter, grades K-12 if you choose Art or Foreign Language (French or Spanish) as your area of specialization, or grades 6-12 if you choose English, Mathematics, Science (Biology, Chemistry, Physics) or Social Science as your area of specialization. DOE & NCATE approved.

Florida Atlantic University  
College of Education  
Department of Teaching & Learning  
777 Glades Road, P.O. Box 3091  
Boca Raton, FL 33431-3091

Phone: 561-297-6595  
Fax: 561-297-2925  
E-mail: [deptteachlearn@fau.edu](mailto:deptteachlearn@fau.edu)  
[www.coe.fau.edu/academicdepartments/tl/grad](http://www.coe.fau.edu/academicdepartments/tl/grad)  
[www.coe.fau.edu/academicdepartments/tl/undergrad](http://www.coe.fau.edu/academicdepartments/tl/undergrad)

**Committed to  
Teaching, Research  
& Service**

Boca Raton • Davie  
Jupiter Campuses

**Alternative Certification**—If you already have a bachelor's degree and do not wish to pursue another degree, you can send your transcripts and apply directly with the Florida Department of Education at [www.fdoe.org/edcert](http://www.fdoe.org/edcert).

The Florida Department of Education will then send you a "Statement of Eligibility" listing the exams and courses needed for certification. You may take those courses as a non-degree seeking student at Florida Atlantic University.



*Preparing informed, capable and ethical practitioners who are reflective decision-makers*

## Questions & Answers: Student Teaching