

**Subject:**

FW: UTC Tropical Island Ecology and Geology - opportunity for teachers

## **Tropical Island Ecology and Geology course (Biol/Geol/ESC 4999 and Educ 5030)**

This is a two-semester sequence course with a spring seminar (3 credit hours) and a 1<sup>st</sup> summer short term course (3 credit hours)

*The summer course has a two-week international field experience at the Gerace Research Centre, San Salvador, Bahamas*

Co-Taught by Dawn M. Ford (Biology/ESC) and Ann Holmes (Geology)

Join these instructors for a great adventure! First, you'll spend the spring semester learning about the ecological and geological concepts of tropical islands in an active learning environment. You will also learn about the scientific research process and start preparing for your own group-based research project. Then, you will see these ecological and geological concepts come alive as you experience them first-hand in the field on San Salvador, Bahamas during the 1<sup>st</sup> summer short session during a two-week field trip.

During the first week on the island, you will examine the past and present geology of carbonate platforms on which terrestrial and marine habitats develop, and will explore island habitats and structures such as coral reefs, mangroves, seagrass beds, caves, coastlines, lakes, and ancient reefs through snorkeling, hiking, and sampling exercises. During the second week on San Salvador, you will work in groups to conduct a guided scientific research project on a topic of your choice. Once back on campus, you will complete the project to be presented at UTC or at a regional or state scientific conference. Teachers taking graduate-level credit will also develop lessons plans to take back to the classroom.

### **This course will meet:**

Spring semester: Tuesdays, 5:30 p.m. to 7:30 p.m. in Grote Hall, Room 208

1<sup>st</sup> summer short session:

Gerace Research Center, two weeks (May 24-June 7)

*Note: Upon return from San Salvador, we will meet several times to work on research papers, presentations, and lesson plans*

### **Cost for Field Course: Summer tuition + airfare + course fee**

Summer tuition for 3 credit hours; airfare is approximately \$600-700

Course fee is approximately \$1,000 and covers your room and board for two weeks at Gerace Research Center, international program fees, and transportation on the island

### **Required Course Materials: (other items may be added later)**

Mask, fins, snorkel

Hand lens

Underwater slate

Field guide

Field notebook and Journal

*Highly recommended: Digital underwater camera*

**PASSPORT REQUIRED**

**Teachers should commit by January 10 with a \$250 deposit**

Plane ticket should be purchased by March 14

\$250 deposit by April 1

Balance by May 9 (approximately \$600)

For more information about the course and to register, contact Dawn Ford ([Dawn-Ford@utc.edu](mailto:Dawn-Ford@utc.edu)), 425-4204

The University of Tennessee at Chattanooga is committed to providing access and reasonable accommodations for individuals with disabilities. If you need accommodations to fully participate in events we sponsor, please contact me using the information below.

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**HAMILTON COUNTY DEPARTMENT OF EDUCATION**

3074 Hickory Valley Road  
Chattanooga, Tennessee 37421  
423.209.8600 • Fax 423.209.8601

**Rick Smith**  
Superintendent

**M E M O R A N D U M**

**TO:** All Hamilton County Teachers

**FROM:** Rick Smith, Superintendent

A handwritten signature in dark ink, appearing to read "Rick Smith", is placed next to the "FROM:" line.

**DATE:** December 3, 2013

**RE:** Fund for Teachers Grants

As we approach the holiday season, I hope you will think about **GIVING YOURSELF A PRESENT**: a present of a fully paid for, amazing professional development summer opportunity to travel and learn anywhere in the world!

This fellowship is worth up to \$5,000 for one teacher or up to \$10,000 for a team of two or more.

To compete for this awesome opportunity, you will need to apply to the Fund for Teachers. And to help you do that and explain it all, our colleagues at PEF (the Public Education Foundation) can help.

**Put both of these dates on your calendar and SIGN UP NOW for one or both of them.**

- **THURSDAY, DECEMBER 12, 4:30-6 PM, AT PEF'S LEARNING CENTER**
- **MONDAY, JANUARY 6, 4:30-6 PM, AT PEF'S LEARNING CENTER**

To sign up, send an email to [lgraitcer@pefchattanooga.org](mailto:lgraitcer@pefchattanooga.org). You can also call PEF at 423-265-9403, or speak directly to the FFT coordinator Leslie Graitcer at 404-375-0579. (You can come without an RSVP but if you want to be sure there is room for you, email or call ahead.)

**The deadline to apply is January 30, 2014.** But the application is more than one night's doing and, if you apply as a group, you will need time to do the application together. **SO START NOW.** You can go to [www.fundforteachers.org](http://www.fundforteachers.org) to read about the fellowship grants and look at the application. Then come to the PEF sessions with your questions and your ideas.



ADMISSION IS FREE!  
OPEN TO THE PUBLIC



DR. MICHIO KAKU

"THE FUTURE OF THE MIND  
AND BEYOND"



THURSDAY, JANUARY 23, 2014

DOORS OPEN FOR STUDENTS 5:30 P.M. ■ PUBLIC 6:00 P.M.

CHATTANOOGA STATE HEALTH FITNESS CENTER

CHATTANOOGASTATE.EDU

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Community College



## **Nominations are Now Open for the Presidential Awards for Excellence in Mathematics and Science Teaching in grades k-6**

The Presidential Awards for Excellence in Mathematics and Science Teaching are the highest honors bestowed by the United States government for teachers in these subject areas. The award recognizes those teachers who develop and implement a high-quality instructional program that is informed by content knowledge and enhances student learning. This year the program is open for k-6 grade teachers of mathematics or science.

The two necessary steps necessary for a teacher to be considered to receive this award are listed below with a brief description.

### **Step I: The Nomination Process :**

Anyone—principals, teachers, parents, students, or members of the general public—may nominate exceptional mathematics or science (including computer science) teachers teaching in grades K-6 for the 2014 Award Year. Nominations may be submitted for more than one teacher. Additionally, teachers may also nominate themselves.

To submit a nomination, a brief online submission is necessary at <https://www.paemst.org> . The only information necessary in Step I is the teacher name, the email address of the teacher and the school contact information.

### **Step II: The Application Process**

After a teacher is nominated on the PAEMST website, they will receive an email invitation to Submit an online application. This application consists of three components: Administrative, Narrative, and Video. The components allow the applicant to provide evidence of deep content knowledge and exemplary pedagogical skills that result in improved student learning. The teacher has until May 1, 2014 to complete their entire application online.

For further information concerning the award and eligibility requirements, access [here](#). For specific information about the application and the selection process at both the national and local level access [here](#).

For additional information contact [Charlotte.Woehler@tn.gov](mailto:Charlotte.Woehler@tn.gov) . Please contact [David.S.Williams@tn.gov](mailto:David.S.Williams@tn.gov) for specific content related questions.