



# The Graduate School Times

*Preparing Present-Day and Future Global Leaders: One Scholar at a Time*

[www.grad.usf.edu](http://www.grad.usf.edu)

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## **Welcome!**

The Graduate School welcomes :

Dr. Elizabeth O'Connell, Director of Operations, Trista Moenning, Administrative Specialist to Dr. O'Connell, and Lisa Piazza, Administrative Specialist to Dr. Richard Pollenz, Associate Dean of the Graduate School. View the full staff directory:

<http://www.grad.usf.edu/staff.asp>

### **Upcoming Events!**

- Oct 12 - ETD Workshop
- Oct 14 - Grad Student Research Symposium
- Oct 12-14 Global Sustainability Film Festival
- Oct 15 - Grad Student Research Symposium Award Presentation
- Oct 15 - ETD Boot Camp
- Oct 27 - ETD Boot Camp
- Nov 5 - Final Thesis Deadline
- Nov 8 - Recruitment Fair
- Nov 12 - ETD Boot Camp
- Nov 19 - Final Dissertation Deadline
- Dec 11 - Commencement

## **Graduate School Celebrates 30<sup>th</sup> Anniversary During 2010-2011 Academic Year**

The year 2010 marks the 30th anniversary of the Graduate School. To commemorate this great achievement, the Graduate School will be hosting several events throughout the year including a Speakers Series, which honors prominent graduate alumni. For more information regarding 30th anniversary events visit: <http://www.grad.usf.edu/30years.asp>.



### **School of Global Sustainability**

The newly formed School of Global Sustainability welcomed its first Director, Dr. Kalanithy Vairavamoorthy in August, 2010. An internationally recognized expert on urban water issues, Dr. Vairavamoorthy's research focuses on new ways to create clean and sustainable water and sanitation systems. He has worked closely with UNESCO and other prominent global organizations. Dr. Vairavamoorthy is directing the inaugural cohort of Master of Arts in Global Sustainability students. For more information about USF's School of Global Sustainability and the Master of Arts program visit: <http://sgs.usf.edu>.

### **Graduate School Unveils Improvements to the ETD Submission Process**

In summer 2010, the Graduate School unveiled a new Electronic Thesis and Dissertation (ETD) submission process. The updated ETD website contains extensive information regarding all aspects of the submission process, comprehensive formatting tutorials, dates of ETD workshops and "ETD Boot Camp" help sessions. ETD workshops provide an extensive overview of the entire ETD submission process including a review of the new 5 step submission process. In addition, each semester, the Graduate School hosts ETD "Boot Camp" help sessions, which provide individual assistance to students. For more information regarding the ETD process visit: <http://www.grad.edu/thesis.asp>.

### **2010 Graduate Student Research Symposium**

The Graduate School and the Graduate and Professional Student Council (GPS-C) will host the third annual **Graduate Student Research Symposium** on Thursday, October 14, 2010. For more information visit: <http://www.grad.usf.edu/research-symposium.asp>.

## **USF Awards 1<sup>st</sup> Annual Doctoral Dissertation and Signature Research Fellowships**

The Graduate School is proud to announce the recipients of the inaugural Doctoral Dissertation Completion Fellowships and Signature Research Doctoral Fellowships.

#### **Doctoral Dissertation Completion Fellowship**

Recipients receive \$15,000 for one academic year and tuition waivers.

**Elizabeth Danforth**, Anthropology, College of Arts and Sciences  
Project Title: *Adolescent Nutrition in Tanzania: Biocultural Investigation*

**Carolyn de la Cruz**, Public Health, College of Public Health  
Project Title: *A Mixed Method Study on the Peripartum Experience & Postpartum Effects of Near-Miss Maternal Morbidity*

**Ho Ryong Park**, Secondary Education, College of Education  
Project Title: *Four English Language Learners' Experiences and Strategy Use in Learning Environments of Multiliteracies.*

*(Continued on page 4)*

## Graduate School Division News

### Admissions

#### PROVISIONALLY ADMITTED STUDENTS TAKE NOTE!

Graduate students who were provisionally admitted for the Fall 2010 semester pending receipt of final, official application documents (transcripts and/or test scores) must submit these documents TO THE GRADUATE SCHOOL ADMISSIONS OFFICE (GAO) before being allowed to register for the Spring 2010 semester. If you have submitted all of your documents to the GAO and are still blocked from registration due to provisional admission, please contact us at 813-974-8800.

### Marketing & Recruitment

#### Graduate Student Recruitment Proposals.

The Graduate School is pleased to announce requests for proposals in two areas of graduate student recruitment; Travel/Host a Prospective Student and General Recruiting. Funding will be available to support program activities that contribute directly to increasing the pool of qualified applicants to programs through recruiting activities. Programs may apply for funds in both areas. Deadline to apply is October 1, 2010. For more details: <http://www.grad.usf.edu/graduate-directors.asp>, or contact Malcolm Randolph, (813)974-7207 or email [mrandolph@grad.usf.edu](mailto:mrandolph@grad.usf.edu).

#### Graduate & Professional Student Recruitment Fair

The second annual Graduate & Professional Student Recruitment Fair will be held on Monday, November 8, 2010 from 12:00 p.m.—6:00 p.m. in the Marshall Center ABC ballrooms. Registration is free, however, space is limited and programs must register through [http://www.grad.usf.edu/programs/recruitment\\_day\\_registration.php](http://www.grad.usf.edu/programs/recruitment_day_registration.php).

### Academics

#### Graduate Curriculum System (GCS)

The USF Graduate School has developed an electronic Graduate Curriculum System (GCS) for all graduate courses (launched in Sept 09). The GCS is online at <http://www.grad.usf.edu/curriculum-course.asp>. It assists in tracking courses through the approval processes and helps to improve communication streams. Although the Graduate School hosts the site, each USF Institution is responsible for approving graduate course proposals for their Institution. The progress of a course entered in the system can be viewed by going to the site, [http://www.grad.usf.edu/programs/grad\\_course\\_status.php](http://www.grad.usf.edu/programs/grad_course_status.php). The GCS is continuing to receive edits for improved efficiency. Graduate School staff will be visiting graduate departments this fall to review how the process works, solicit additional feedback, and provide general assistance in regards to graduate course processes. For more information, or to schedule an information session, contact [chines-cobb@grad.usf.edu](mailto:chines-cobb@grad.usf.edu).

### Graduate Student Success

#### New Fellows for Fall 2010

The Graduate School's Graduate Student Success (GSS) unit is pleased to announce that nearly fifty new fellows have joined USF graduate programs for the Fall 2010 semester. These students represent the following fellowships: Presidential, McKnight, and Graduate Student Success. Recipients include masters, doctoral, and specialist-level students in a wide diversity of majors. The GSS unit functions to support these new and continuing fellows through various student services including a variety of workshops addressing professional and skills development. For more information, visit the GSS web site at: <http://www.grad.usf.edu/success.asp>.

## KUDOS!

Recent Ph.D. graduate, **Timothy Boyd**, is a co-author on an article in the prestigious *Journal of Alzheimer's Disease*. The article, titled



Timothy Boyd, Ph.D., first author of the study and Huntington Potter, Ph.D., principle investigator and professor of molecular medicine at the USF Health Byrd Alzheimer's Institute.

“**Rheumatoid arthritis signaling protein reverses Alzheimer's in mouse model**”, describes how a signaling protein (GM-CSF) released during rheumatoid arthritis dramatically reduces Alzheimer's disease pathology and reversed the memory impairment of mice bred to develop symptoms of the neurodegenerative disease. Dr. Boyd and colleagues hypothesize that GM-CSF stimulates the body's natural scavenger cells to attack and remove Alzheimer's amyloid deposits in the brain. To read the full article see:

<http://hscweb3.hsc.usf.edu/health/now/?p=14168>

### 2009-2010 Outstanding Thesis/ Dissertation Awards

(<http://www.grad.usf.edu/outstanding-thesis.asp>)

The Outstanding Thesis and Dissertation awards recognize USF graduate students whose thesis or dissertation has **significantly impacted their discipline at the national level**.

Winners for 2009-2010 are:

- **Michael Conroy**, Ph.D., Physics.  
Major Professor: Ivan Oleynik, Ph.D.
- **Koutstav Bhattacharya**, Ph.D., Computer Science and Engineering.  
Major Professor: Nagarajan Ranganathan, Ph.D.
- **Scott Segro**, Ph.D., Chemistry.  
Major Professor: Abdul Malik, Ph.D.
- **Sabrina Hughes**, M.A., Art History.  
Major Professor: Elisabeth Fraser, Ph.D.

*Please join the Graduate School in congratulating these scholars for their academic achievements!*

### 2010-2011 Graduate Student Challenge Grants

(<http://www.grad.usf.edu/funding-challenge-grants.asp>)

The Graduate School and the office of Research and Innovation congratulate the 2010-2011 Challenge Grant recipients. Seven interdisciplinary teams, comprised of thirty-two students, were awarded the grants to pursue research in the signature research areas at USF. These grants were awarded in January 2010 and will conclude in January 2011. The one-year projects aim to assist students in developing critical research skills that will allow them to excel in their chosen fields. The Challenge Grants are part of the mission and strategic plan of USF to build global leaders through excellence in interdisciplinary graduate education and research.

For additional information regarding the Challenge grants including current student projects and application information visit the GS web site (address shown above).

Previously published newsletters may be viewed on the Graduate School web site: [www.grad.usf.edu/newsletter](http://www.grad.usf.edu/newsletter)

## Meet Dr. Kalanithy Vairavamoorthy-The New Director of the School of Global Sustainability



Dr. Vairavamoorthy was born in Sri Lanka and moved to the United Kingdom (UK) when he was two years old. He received both his Master's degree in Public Health Engineering and a Ph.D. in Water Engineering, from Imperial College, University of London. His wife is trained in Indian classical dance and operates a dance studio in Birmingham, UK. He has a daughter who will study international law in London. Dr. Vairavamoorthy officially begins his position as the Director of

the School of Global Sustainability in early October, but he came early to Tampa to enroll his son in school for the new year. He graciously spent some time out of his already busy schedule to sit down and provide some information about himself.

### *Please phonetically pronounce your name.*

Ok. So, you pronounce my name as 'Ka-lah-nithy Vai-ra-va-moor-ty.' In my language it would only be four-five characters but because we write it phonetically in English it takes on a whole new dimension. So if you read it, you'll get it right. So that's my name and generally, people call me 'Kala.' I've been called many things and 'Kala' is not the right word—people say it's a girl's name and all sorts of things—and when you introduce me to a South Asian person they'll be thinking, 'What is this guy, Kala? How can he have a name like Kala?' because there is no name like that. It's 'Kalanithy', and this means wealth of knowledge.

In my country when I travel, we swap our surname with our first name—we don't have this concept of surname—so when I'm in India, people don't call me 'Dr. Vairavamoorthy,' I'm called 'V. Kalanithy.' So when people write to me from India, they'll always write to me as me—Kalanithy—because they don't want to call me by my father's name.

## The Person Behind the Director

### *What is your history in working with sustainable water programs?*

[When] I started to work as an academic, I set up something called the 'Water Development Research Unit' at South Bank University in London, I then moved my research team to Loughborough University which has a very famous center for water research in developing countries called WEDC.

Most of my research has been looking at urban water issues in developing countries and countries in transition. I've been very fortunate to have traveled a lot working in Africa, South America and Asia looking at problems of water supply management. Particularly in developing countries where you have water scarcity you have to manage your limited resources in a much more intelligent way. I've also looked at the problems of water contamination and its impact on public health.

### *Was there something personal, or interesting to you, that drove you to develop or to look at water issues?*

One thing that's interesting in my career—my father left Sri-Lanka for the first time in 1967 to study at UNESCO-IHE in the Netherlands. In 2005, I became a full professor at the same institute. My father went from the Netherlands to the UK, where he was a senior scientist in the UK water sector. In my family, at least three of us ended up working in the water sector. So what drove me to Water Engineering is really—I think—my father's background. But what interested me in water for developing countries—was a professor who was involved with what we call the 'International Decade of Water Supply and Sanitation.' This professor inspired me greatly and this is what drove me to choose my career path. My Master's had a strong focus on development and I hail from the developing world.

I've also been fortunate enough to be part of probably the largest European water research project. It has created a huge buzz internationally. The name of the project is SWITCH (Sustainable Water Improves Tomorrow's Cities

Health) and it's captured the international water sector's imagination as it's about the city of the future. This project brings together the whole urban water problem—especially in relation to future threats like climate change and rapid urbanization. It involves economists, social and natural scientists, engineers, architects, and involves universities, governments, and NGOs. There are over 40 Ph.D. students and we are working in 12 cities around the world. As the director of the project, I encouraged an integrated view of the urban water cycle, the need to rethink the way we use and reuse water, and the potential for resource recovery. We should recognize that all water is good water—fit for purpose! High quality water for drinking, lower quality water for industry/agriculture.



## Beyond the Job

### *What do you do for fun?*

What do I do for fun? At this point in my life, I have two kids and they are fantastic. I come from a culture where education is very important, so I wouldn't call it 'fun,' but I spend a lot of time working with my kids, and their schooling.

I play the guitar for fun, but I'm not very good [smiles]. I'm self taught. I play the Indian classical drums (Mirdangam).

What else do I do? My life is basically fun. I travel all over the world. I've been really lucky and it's amazing when you travel because you get involved in the country, different beliefs and behaviors, you realize the world is actually full of good people and you only learn that when you travel. I've traveled extensively in Africa, South America, Asia, Europe and also in North America. I found that fantastic, but I'm going to

stop a little bit of my traveling [now]. When I have free time, I spend it with my kids. What I enjoy doing is every Friday or Saturday night, if we're not going out, we get a pizza and watch movies. We holiday [vacation] a lot, we try to do two holidays a year. But in terms of fun, when you're an academic, actually, your job is a lot of fun and extremely stimulating!

**Yang Tan**, Industrial & Management Systems Engineering, College of Engineering

Project Title: *Optimal Discrete-in-Time Inventory Control of a Single Deteriorating Product with Partial Backlogging*

### Signature Research Doctoral Fellowship

Recipients receive \$18,000 for two academic years and a \$600 travel award.

**Nicole Caesar**, Geography and Environmental Science and Policy, College of Arts and Sciences.

Project Title: *Freshwater Resources and Urban Growth: The Development of a Sustainable Freshwater Management Framework for the Southwest Florida Region*

Congratulations to all of this year's recipients! Information about these and other fellowships awarded by the Graduate School can be found on the [Fellowships and Scholarships page](http://www.grad.usf.edu/grants.asp) (<http://www.grad.usf.edu/grants.asp>).

## Graduate School Calendar of Events/Meeting Schedule

### Graduate Student Success

<a href="http://www.grad.usf.edu/30years.asp">30th Anniversary Celebratory Alumni Award Events</a> ( <a href="http://www.grad.usf.edu/30years.asp">http://www.grad.usf.edu/30years.asp</a> )	Ongoing
<a href="http://www.grad.usf.edu/research_symposium.asp">Graduate Student Research Symposium</a> ( <a href="http://www.grad.usf.edu/research_symposium.asp">http://www.grad.usf.edu/research_symposium.asp</a> )	Oct 14
Compliance Form Deadline	Sept 16
Award Presentation	Oct 15
<b>ETD &amp; Graduation Deadlines</b> —Fall Semester ( <a href="http://www.grad.usf.edu/ETD-deadlines.asp">http://www.grad.usf.edu/ETD-deadlines.asp</a> )	
Final Defended Thesis Submission (Grad School)	Nov 5
Final Defended Dissertation Submission (Grad School)	Nov 19
ETD Clearance & ProQuest Submission	Dec 8
Commencement	Dec 11

### Professional Development Workshops (<http://www.grad.usf.edu/workshops.asp>)

USF Library Workshops	Sept 29 Oct 7
Developing & Delivering Effective Research Presentations	Sept 28
Understanding the ETD Process & Format	Oct 12
Writing for Success	Oct 19
Demystifying the Graduate School (Recruitment Fair for Undergrads)	Nov 8
Demystifying the Publication Process	Nov 10
Attending a Research Conference and Networking	Nov 17

### Postdoctoral Workshops (<http://www.grad.usf.edu/postdocworkshops.asp>)

Finding Funding for Your Research	Oct 28
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### Graduate Executive Coordination Committee (GECC)

4<sup>th</sup> Tuesday of each month, 1-3:00 p.m., BEH 318

July 27	Aug 24	Sept 28
Oct 26	Nov 23	Dec 28
Jan 25	Feb 22	Mar 22
Apr 26	May 24	Jun 28

### USF Tampa Graduate Council

1<sup>st</sup> and 3<sup>rd</sup> Mondays of each month, time as noted, BEH 318  
<http://www.grad.usf.edu/graduate-council.asp>

<u>Policy (9-11 a.m.)</u> <u>Curriculum (1-3 p.m.)</u>	<u>Full Council</u> <u>(1-3 p.m.)</u>
n/a	Aug 16
Sept 13*	Sept 20
Oct 4	Oct 18
Nov 1	Nov 15
Dec 6	Dec 20
Jan 10, 2011*	Jan 24, 2011*
Feb 7	Feb 21
Mar 7	Mar 21
Apr 4	Apr 18
May 2	May 16
June 6	June 20

\*revised dates

### Graduate Associate Deans & Representatives (GADR)

4<sup>th</sup> Wednesday of each month, 9-11:00 a.m., BEH 318  
<http://www.grad.usf.edu/graduate-coordinators.asp>

Aug 25	Sept 22	Oct 27
Nov 24	Dec 22	Jan 26
Feb 23	Mar 23	Apr 27
May 25	June 22	July 27

### Graduate Enrollment Management (GEM)

3<sup>rd</sup> Tuesday of each month, 9-10:00 a.m., BEH 318  
<http://www.grad.usf.edu/GEM.asp>

Aug 16	Sept 20	Oct 18
Nov 15	Dec 20	Jan 24
Feb 21	Mar 21	Apr 18
May 16	June 20	July 18

### Graduate Program Coordinator Brown Bags

11:30 a.m. - 1:30 p.m., TECO Room, Anchin Center  
<http://www.grad.usf.edu/graduate-directors.asp>

Sept 28