

upstate graduate update

training students to become producers of knowledge

march 2015

FROM THE DEAN | BY THE NUMBERS

I was asked last week by a faculty member if I had any recruiting statistics. Yes, indeed I do. With the need to report to accrediting bodies such as Middle States, we gather an immense number of statistics using databases, surveys, and sometimes-brute force counting. I figured I would share some of them with all of you.

- We currently have 128 students in the College of Graduate Studies
- Graduates of our college, between 2007 and 2012, published on average 3.8 publications from their graduate work (with 2.2 being first author).
- According to Google scholar, those publications have been cited on average 23.6 times each.
- Over the last three years, 100% of our PhD graduates have secured employment in their field.
- The average time to degree for students that have graduated in the last five years is 5.9 years, in comparison the natural average in life sciences is 6.9 years.
- A recent survey of our graduates indicated that a majority of them felt they were better prepared for their current employment than their work peers, and no one felt they were less prepared.
- Our LinkedIn student/alumni group now has 103 members, please join [here](#).
- Graduate students directly help support more than \$13,000,000 in federal grant support at Upstate.

what's new & what's happening?



International Voices
UPSTATE
MEDICAL UNIVERSITY

Partnering with our Neighbors: Students and Postdoc Participate in STEM Mentoring Program in City Schools

The College of Graduate Studies has three students and one postdoc who will be participating in the STEM Mentor Program: Service Research in Urban Schools at SUNY ESF for the Spring 2015 semester.

SUNY ESF was recently awarded a STEM Mentoring Initiative to Strengthen the Education Pipeline grant from SUNY and the New York Academy of Sciences. Graduate students and postdocs serve as a mentor for middle school students in after school programs. **Participating this semester is:**

- Cassandra Barnes, a second year PhD student in Biochemistry & Molecular Biology
- Sarah Barger, a second year PhD student in Anatomy & Cell Biology
- Megan Gribble, a third year PhD candidate in Microbiology & Immunology
- Nilda Alicea Velazquez, PhD, a postdoc in Biochemistry & Molecular Biology

RESEARCH REACHES WORLDWIDE: INTERNATIONAL VOICES AT UPSTATE

We are happy to announce the arrival of our new International Student Video featuring seven of our PhD candidates from around the world!

We informally interviewed Cherry (Phillipines), Chinaza (Nigeria), Mamunur (Bangladesh), Renyan (Peoples Republic of China), Dakshesh (India), Olesea (Moldova), and Naman (India) asking what life is like as an international student at Upstate and what we have to offer. We hope this video will give our applicants a better idea of what we have to offer. **Check out what they have to say!**

<http://www.upstate.edu/grad/students/international/index.php>



Lei alongside her dissertation advisor Dr. David Pruyne

LEI MI-MI, a PhD Candidate in Anatomy & Cell Biology, successfully defended her dissertation on February 23rd. Lei's dissertation advisor is Dr. David Pruyne. Congratulations, Lei ... Keep up the great work!

**TEAM
UPSTATE**

Our graduate students are putting together a team to participate in the American Heart Walk on Saturday, March 28th at 10:00 AM.

**Sign up today to walk or you can donate by contacting one of our team captains:
Jacqualyn Schulman - schulmaj@upstate.edu or Liz Snyder - snydere@upstate.edu**

**Any donation gets your name written on a heart to be featured proudly in the halls of Upstate.
Donations also being accepted in the Graduate Studies Office.**



JOIN THE TEAM, SUPPORT THE CAUSE!

look mom, we've been published!

CONGRATULATIONS AUTHORS!

Check out some of the publications from the College of Graduate Studies in the last month:

Coleman CB, **Wohlford EM**, **Smith NA**, King CA, Ritchie JA, Baresel PC, Kimura H, Rochford R. Epstein-barr virus type 2 latently infects T cells, inducing an atypical activation characterized by expression of lymphotactic cytokines. *J Virol*. 2015 Feb 15;89(4):2301-12 Epub 2014 Dec 10.

<http://www.ncbi.nlm.nih.gov/pubmed/25505080>

Gumbleton M, Vivier E, Kerr WG. SHIP1 Intrinsically Regulates NK Cell Signaling and Education, Resulting in Tolerance of an MHC Class I-Mismatched Bone Marrow Graft in Mice. *J Immunol* [Epub ahead of print]

<http://www.ncbi.nlm.nih.gov/pubmed/25687756>

Kates WR, Olszewski AK, Gnirke MH, Kikinis Z, Nelson J, Antshel KM, Fremont W, **Radoeva PD**, Middleton FA, Shenton ME, Coman IL. White matter microstructural abnormalities of the cingulum bundle in youths with 22q11.2 deletion syndrome: Associations with medication, neuropsychological function, and prodromal symptoms of psychosis. *Schizophr Res*. 2015 Jan;161(1):76-84.

<http://www.ncbi.nlm.nih.gov/pubmed/25066496>

Riordan MA, Kyle M, **Dedeo C**, Villwock MR, Bauer M, Vallano ML, Deshaies EM. Mild exercise reduces cerebral vasospasm after aneurysm subarachnoid hemorrhage: a retrospective clinical study and correlation with laboratory investigation. *Acta Neurochir Suppl*. 2015;120:55-61.

<http://www.ncbi.nlm.nih.gov/pubmed/25366600>

and in other news ...

As you saw in our last issue, the Graduate Student Association held a bake sale on February 12th & 13th. Thanks to your generous support the bake sale was a huge success. And 25% of the proceeds were donated to the American Heart Association! Pictured below is GSA Secretary Megan Gribble, at left, and GSA Vice President Heather Nelson, at right.



ADAM BLANDEN, a PhD Candidate in Biochemistry & Molecular Biology with Dr. Stewart Loh, was selected to represent the **College of Graduate Studies** by giving an oral presentation for the **Student Research Day**. Presentations begin at 1:15pm in Room 2231, WH. **Come out and show your support!**

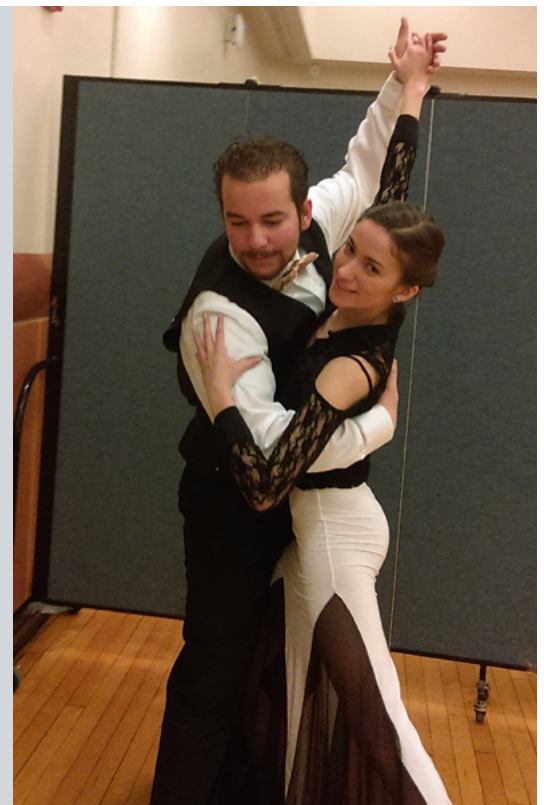


The College of Graduate Studies sponsored a table at the "Get Classy for Sickle Cell Disease" Fundraiser for Black History Month, hosted by the Student National Medical Association. Our lovely Graduate Student Association Officers attended — From left: Megan Gribble, Heather Nelson, Kimberly Wong and Jing Bi, pictured along with their guests.

Andrew Banas, a first-year graduate student, with his dancing partner, Kayla Crouch, a first-year student in the Medical Technology program, competed in Dance Revolution 2015, sponsored by the Binghamton University Ballroom Dance Association. Andrew and Kayla placed in the finals for the American Waltz and the Foxtrot.

ALSO, Kayla and Andrew are in the process of starting a ballroom dancing club. They're part of a group planning to practice together on campus and take weekly lessons at a Syracuse studio.

If you are interested in joining Ballroom club, please contact Andrew at banasa@upstate.edu



Where to find Job postings?

Journals
Websites
- <http://sciencecareers.scp.wiley.com/>
- <http://www.nature.com/naturejobs/science>
- <http://careers.csl.com/>
- <http://www.higheredjobs.com/>
- <http://www.indeed.com/>
- <https://academicjobsonline.org/>
Department/University Websites
Networking



OVER THE PAST THREE WEEKS, we've offered: **TWO CAREER DEVELOPMENT WORKSHOPS** and **TWO PHDIVERSIFIED STUDENT-LED WORKSHOPS**.

Pictured at left: Dr. Bruce Knutson, Assistant Professor of Biochemistry & Molecular Biology, and Dr. Gary Chan, Assistant Professor of Microbiology & Immunology, offer some advice and personal anecdotes to students and postdocs about "**Preparing for a Career in Academia**."

Last week, we also heard from Jennifer Rudes, Brian Moore, and Barbara Humphrey in Research Administration on "**How to Apply for a Fellowship**."

Meanwhile, PhDiversified (our student interest group) hosted Dr. Rebecca Engik, a CGS alum, who offered informal advice on "**Careers in Life Science Sales**" and then Scott MacFarlane, who talked about "**Careers in Tech Transfer and Start Ups**."

upcoming events

Join us **EVERY WEDNESDAY*** at **3PM** **NEED A BREAK?**
in the **GRAD STUDIES CONFERENCE ROOM** **JOIN US FOR AFTERNOON TEA!**

We are now hosting an informal "Afternoon Tea" so students and postdocs (or anyone who needs a break) can stop by for a quick pick-me-up!
*Wednesday, March 11th, instead of tea, join us for the Beyond the Doctorate Research Day - See below for the schedule and more information.
Our next tea will be held Wednesday, March 18th ... see you then!

BEYOND THE DOCTORATE RESEARCH DAY

Wednesday, March 11, 2015

12:30pm | Oral Presentations | Weiskotten Hall 103

3:00pm | Keynote Address | Weiskotten Hall 103

Keynote Address: "Mitochondria in Disease, Aging and Immunity"

Gerald S. Shadel, PhD

Departments of Pathology and Genetics

Director, Pathology Research

Yale School of Medicine

Poster Session & Reception immediately follows in 9th Floor Cafeteria.

TODAY

STUDENT RESEARCH DAY

Wednesday, March 25, 2015

1:15pm | Oral Presentations | Weiskotten Hall 2231

2:30pm | Keynote Address | Weiskotten Hall 2231

Keynote Address: "Pulmonary Alveolar Formation Function and Disease"

Jeffrey A. Whitsett, MD

Professor of Pediatrics; Executive Director, Perinatal Institute;

Cincinnati Children's Hospital Medical Center;

University of Cincinnati College of Medicine

Student Poster Session & Reception immediately follows in IHP Atrium.

DISTINGUISHED ALUMNI LECTURE

Monday, April 20, 2015

12:00pm | Weiskotten Hall 2231

"V-ATPase: Adapted Sensor of Cellular Stress"

Karlett J. Parra, PhD

Associate Professor and Chair,

Department of Biochemistry & Molecular Biology,

University of New Mexico

Dr. Parra earned her PhD from the Biochemistry and Molecular Biology Program in 1997. Her thesis sponsor was Dr. Patricia Kane.

mark your calendars!

COMMENCEMENT

Sunday, May 17, 2015

1:45pm

Carrier Theater,

John H. Mulroy Civic Center at OnCenter

Come out and support our graduating class! And join us for a pre-ceremony brunch served at 11:00am in the 9th Floor Cafeteria.

Mark your calendars and save the date - more details coming soon!

IS THERE SOMETHING WE MISSED??

If you have something that should be included in our next issue, let us know!
Email Jennifer Brennan at brennanj@upstate.edu or Terri Brown at brownt@upstate.edu