

THE SCHOOL OF GRADUATE AND POSTDOCTORAL STUDIES

Ch-ch-changes...



Over the past year, the School of Graduate and Postdoctoral Studies has experienced some significant changes. This inaugural newsletter, “Hypothesis”, highlights some of these changes and some of the wonderful activities and accomplishments of our students, postdoctoral fellows, faculty, and alumni.

Most of the changes in SGPS have been guided by our four-year Strategic Plan. This plan, developed in 2012, was the culmination of work by our students, staff, faculty, and members of the administration who carefully considered our current status and then forged a new direction for our School. We evaluated and re-defined our core mission and vision for our future as stated:

Mission:

To provide outstanding graduate education and postdoctoral training to meet the need for highly qualified researchers and educators in the life sciences and health care fields, and to advance knowledge through biomedical research.

Vision:

To excel in all facets of the training of graduate students and postdoctoral fellows, and thereby gain national recognition for preparing outstanding biomedical scientists and educators whose contributions will advance knowledge in life sciences.

Scientiam per inventionem

December, 2013

What's Inside:



What have we done?!

A brief summary of some of the changes in SGPS over the past year.



Grad Student News

From the research bench to the community to Capitol Hill - our students do it all!



Postdoctoral Training

New initiatives in postdoctoral training are making a big difference on campus.



Alumni News

Darrion Mitchell, MD/PhD receives prestigious ASTRO grant.



Funding Updates

At a time when budget cuts are impacting research programs nationwide, SGPS is committed to providing optimized support for its trainees.



Making the Papers

Our trainees have been busy this year! Read about the progress they've made!



On the Move

From Italy to Mexico, San Diego to Boston, our trainees are presenting their work world-wide!

SGPS VALUES

Diversity • Excellence • Innovation • Integrity •
Mentorship • Scholarship • Scientific Curiosity

2012-2016 STRATEGIC INITIATIVES

Educational Excellence

Provide outstanding training and adapt to current and future educational needs

Research

Support and enhance research activities of graduate students and postdoctoral fellows

Funding

Increase the number of predoctoral and postdoctoral grants

Recognition

Be recognized as a distinctive, integrated set of graduate and postdoctoral programs, dedicated to the highest standards of academic excellence and discovery

Interprofessionalism

Engage in those University-based and extramural, interprofessional activities that provide educational and training benefits for SGPS students and postdoctoral fellows to enhance their specific career development needs

Pre- & Post-Doctoral Development

Enhance development of graduate students and postdoctoral fellows to better prepare them to be competitive in their professional futures

Recruitment and Enrollment

Implement a plan that attracts and retains diverse, high-quality candidates for graduate and postdoctoral training

Alumni

Provide opportunities for graduates to engage and connect with the school

What Have We Done?!

Marketing Video

As part of our continuing efforts to recruit prospective graduate school applicants as well as inform RFUMS and the community of our mission, vision, and character, a video featuring SGPS has been produced. The video features some of our current students, our faculty and alumni. We extend a special thank you to all who were involved in this project. If you have not seen the video, we invite you to view it at: <http://tinyurl.com/SGPSVid2013>

Teaching Scholar

The ability to effectively teach is a recognized essential component of many academic careers in higher education and research. The School of Graduate and Postdoctoral Studies (SGPS) is committed to providing outstanding mentorship and training opportunities in all areas of graduate and postdoctoral experience, including teaching.

In cooperation with Lake Forest College, SGPS developed the Teaching Scholar Program for advanced graduate students and postdocs who have identified teaching as a critical part of their future career plans. This Program is intended to provide opportunities for these trainees to augment experience, improve teaching skills, and prepare for academic or other careers that include teaching responsibilities.

In addition to the Teaching Scholar Program, SGPS continues to identify teaching opportunities for our graduate students and fellows at DePaul University and within RFUMS.

Distinguished Graduate Scholar

The Distinguished Graduate Scholar program has been developed to recruit outstanding prospective students with the highest academic credentials. This program provides for an enhanced living stipend and travel awards to scientific meetings. Selection as a Distinguished Graduate Scholar is merit based in accord with established selection criteria.

Sponsorships

SGPS is proud to invest in the scientific community through sponsorship of scientific meetings in the Chicago area. This past year, SGPS partially supported both the Chicago Symposium on Cell Signaling (CS2) in May and the Chicago Society for Neuroscience meeting, planned for February 2014. Both of these meetings are well attended by our students and postdocs, and each provides a great opportunity to interact and network with fellow scientists and colleagues in the region.

Grad Students in the News

Hill Day in Washington, DC

Nicole (Niki) Voitowich represented RFUMS at Hill Day in March of this year. Sponsored by the American Society for Biochemistry and Molecular Biology, students and postdocs from across the country were selected to meet with members of Congress to advocate on behalf of biomedical research. We know that Niki represented us well!

On August 19th, Illinois Congressman Bradley Schneider visited campus to learn more about the University, its current research, and to speak with some of our graduate students about their research and current NIH funding.



A. Scheyer, K. Shah, Congressman Schneider, M. Havens, N. Voitowich



Dean's Award for Outstanding Achievement in Research
The PhD is the highest degree awarded by academia. A PhD earned through SGPS is based on the candidate's ability to conduct original research culminating in a body of work that advances mankind's understanding of nature and the human condition. The Dean's Award recognizes those individuals who have not only achieved this goal, but who have done so with distinction, by publishing their findings in a rigorous, peer-reviewed scientific journal. This year's Award Recipient was Dr. Velmurugan Gopal Viswanathan.

Dr. Viswanathan is now a postdoctoral fellow in the RFUMS Department of Physiology and Biophysics.

Student Leadership Award

Each year, the Executive Student Council recognizes students who demonstrate commitment, dedication, and service to the University and to their community by presenting them the Student Leadership Award. Nominations are accepted from the University students, faculty, staff, or members of the administration, and final selection of the students is made by the RFUMS Council of Deans. In April of 2013, the six recipients of this award were honored in a ceremony on campus at which they were presented with plaques and \$500.00 cash awards provided by the Executive Student Council. Congratulations to SGPS student Kalpit Shah from the Department of Physiology and Biophysics for being selected as one of this year's awardees!

"Life is not easy for any of us, but what of that? We must have perseverance and above all confidence in ourselves. We must believe that we are gifted for something and that this thing must be attained." – Marie Curie

Grad Students in the News (continued)

Influence Student Potential and Increase Representation in Education (INSPIRE)

During the University's mentoring and applied research program for high school students, School of Graduate and Postdoctoral Studies students were given the opportunity to mentor promising young learners from underrepresented minorities.

For eight weeks over the summer, INSPIRE students from three local institutions conducted original biomedical research under the mentorship of a graduate student mentor and faculty advisor. Additionally, these guest students attended weekly career exploration presentations and both academic and professional enrichment sessions to improve performance in targeted areas. The University's goal is to expand this program as a national educational model for increasing opportunities for high school students in underrepresented populations to receive hands-on biomedical research opportunities and mentoring.

On, June 8, 2013, the contributions of our graduate students to this program and the program director, Dr. Hector Rasgado-Flores, were featured in WGN-TV's *Adelante Chicago*, highlighting the INSPIRE Program and the ways in which Rosalind Franklin University supports and mentors local Latino youth. Watch the video here: http://www.youtube.com/watch?v=wegPhO_RDKY



Alma Matters

An important aspect of moving forward is remembering from whence we came. This past spring, two graduate students renewed their connections to the undergraduate institutions which helped foster their love of research.

Daniel Thomases, a Pharmacology student in the lab of Dr. Kuei-Yuan Tseng, returned to his alma mater, Washington University, to give a talk on “the Role of NMDA receptors in the regulation of local GABAergic circuit maturation in the prefrontal cortex during adolescence”.

Dylan Burdette, a Biochemistry student in the laboratory of Dr. Adrian Gross, was profiled in his alma mater's *Bluffton Magazine*. The periodical highlights Dylan as one of three Bluffton graduates who doesn't quite fit the scientist stereotype. Read the full story online at:

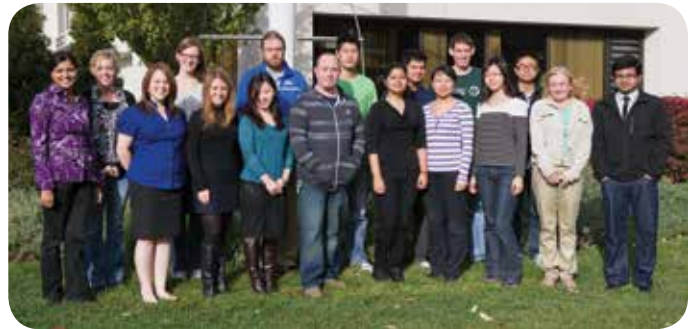
<http://www.bluffton.edu/blufftonalumni/magazine/winter13/burdette13.html>

Graduate Student Association

New Initiatives

The GSA has implemented several new initiatives this year. A fundraising raffle was added to the All School Research Consortium.

A new Travel Award was implemented, sponsored in part by the six basic sciences departments. This year's recipient was H. Huang.

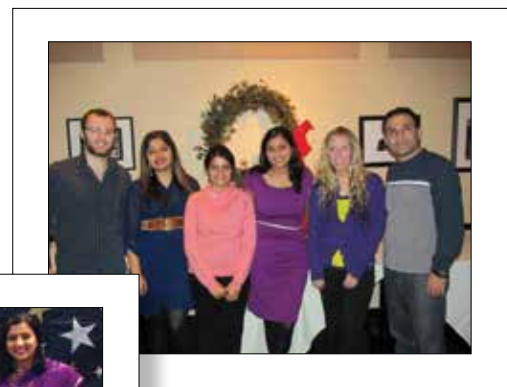


All School Research Consortium (ASRC)

On March 20th the RFUMS community turned out for the 8th Annual All School Research Consortium. This exciting all-day event, organized by the Graduate Student Association, highlights student and trainee research from all five schools at Rosalind Franklin University. The event epitomizes the University's interprofessional approach to learning, where researchers and future health professionals share their ideas for creating a better future. This year's distinguished keynote speaker was Dr. John (Jack) A. Kessler from Northwestern University, a pioneer in a new approach to regenerative medicine. Dr. Kessler's address was titled "Regenerative Neurology: Gene Therapy, Stem Cells and Nanotechnology."

A Year of Camaraderie

From trips to the local forest preserves, Oktoberfest, Diwali, Red Lantern Festival, and monthly gatherings, the Graduate Student Association (GSA) has been busy keeping their connections strong! The GSA regularly extends invitations to students from other Colleges and Schools at RFUMS to participate in these events.



*Microbiology & Immunology
Holiday Party*



Diwali Festival



AACR Rally for Medical Research

Postdoctoral Training

Career Enhancement and Development for Postdoctoral Fellows (CED.PDF)

Postdoctoral fellows at RFUMS play a critical role in the success of our academic and research programs. In this role, postdoctoral fellows also rely on their mentors, departments, and the institution for support in their current activities and, importantly, in their future endeavors. The School of Graduate and Postdoctoral Studies has implemented a new program to meet the professional needs of our postdoctoral fellows. This program is administered through the School of Graduate and Postdoctoral Studies, but it is also guided by a Steering Committee of the University's postdoctoral fellows.

Ongoing program initiatives include seminars, workshops, and other activities designed to improve not only the current status of postdoctoral fellows, but also their future career options. In addition, the program provides a means for postdoctoral fellows to self-assess their current professional status and to formulate future career goals. This self-assessment establishes a foundation for discussion with their mentor or immediate supervisor. Self-assessment and goal-setting can also be measured against core competencies for postdoctoral training, as delineated in the program.

2013 Initiatives

Resource Library - The first initiative of the CED.PDF was to create a library of career development books, as well as a resource binder for grant development. This new resource is housed in the SGPS Dean's Office.

Individual Development Plans - In May, Dr. Philip Clifford from the Medical College of Wisconsin presented and facilitated a discussion on the importance of Individual Development Plans (IDPs) in postdoctoral and graduate student training. In conjunction with the Federation of American Societies for Experimental Biology (FASEB) and the National Postdoctoral Association, Dr. Clifford played a key role in the development of national standards for IDPs. IDPs are now common, effective tools for mentorship, goal setting and career development.

Grant Writing - A workshop on effective grant writing for postdoctoral fellows and graduate students interested in submitting NIH National Research Service

Awards (NRSA) applications took place in September. The workshop was facilitated by Dr. Joan Lakoski, a leader in the AAMC Graduate Research, Education, and Training (GREAT) Group and Professor at the University of Pittsburgh, and Dr. Robert Milner, Associate Vice Provost for Professional Development and Professor of Neurology at the University of Massachusetts Medical School. This well-attended, informative event included presentations, discussions and even a mock study section.

Teaching - In December, Elizabeth O'Connor Chandler, Director of the Center for Teaching and Learning at the University of Chicago, contributed to the Career Enhancement and Development Program by discussing teaching portfolio development with our graduate students and postdoctoral fellows.

National Postdoctoral Association

As part of National Postdoc Appreciation Week this past September, SGPS was proud to announce that Rosalind Franklin University became a Sustaining Member of the National Postdoctoral Association (NPA). This membership provides RFUMS with a national voice in formulating and implementing policies related to training of postdoctoral fellows and provides access to administrative resources and current nationwide information to enhance postdoctoral training at RFUMS. It also allows our postdoctoral fellows and students to join as full individual or affiliate NPA members, providing access to relevant newsletters as well as leadership and professional development opportunities.



Alumni News

Dr. Darrion Mitchell

In July, SGPS alumnus Darrion Mitchell, MD, PhD - currently a resident physician at University of Iowa Hospitals and Clinics, Department of Radiation Oncology - was awarded an ASTRO Resident/Fellow in Radiation Oncology Research Seed Grant. This grant is a very competitive and prestigious one in the field of radiation oncology.

Dr. Mitchell is currently in year two of his four-year radiation oncology residency program. Some programs allow for residents to have two years of clinical training and two years of “postdoctoral” type research instead of four years of strictly clinical training. Dr. Mitchell chose the former, and is now a Holman Research Pathway Resident. He applied for the ASTRO Grant to help fund his research in metastatic prostate cancer. The title of his project is: ‘Epithelial to Mesenchymal Transition as a Therapeutic Target in Prostate Cancer’.

Dr. Mitchell earned his PhD in the field of Cell Biology and Anatomy in 2009 and went on to receive his MD in 2011. He attributes his success in part to being able to grow and learn, and acquire a great fundamental foundation in research during his studies, first as a CAHCMPS, and then an MD/PhD student in SGPS.



Dr. Ingo Willuhn

This fall, SGPS alumnus Ingo Willuhn, PhD finished his postdoctoral training in the Department of Psychiatry & Behavioral Sciences, University of Washington, Seattle. He has accepted a faculty position at the Netherlands Institute for Neuroscience (NIN) and the Department of Psychiatry, University of Amsterdam, Amsterdam, The Netherlands. Dr. Willuhn received his PhD in Cellular and Molecular Pharmacology from the School of Graduate and Postdoctoral Studies under the mentorship of Dr. Heinz Steiner.

Keep in Touch!

The School of Graduate and Postdoctoral Studies is committed to providing opportunities for its graduates to engage and connect with the school. To do this, we will be finding new ways to stay in touch and reaching out to invite our alumni to participate in campus events.

We love to hear from our graduates! Please send updates, news or contact info to IGPBS@rosalindfranklin.edu or...



Follow us on Facebook: <https://www.facebook.com/RFUMSGraduateSchool>



Visit the School's website: <http://www.rosalindfranklin.edu/sgps/Home.aspx>.

Update your alumni contact information: <http://www.rosalindfranklin.edu/ia/alumni/UpdateUs.aspx>

Funding Updates

Travel Awards

Dr. Laurence R. Meyerson and Deborah L. Faiman Student Travel Awards provide \$1000 to each of three departments toward the cost of travel and registration for a student who will be presenting original research at a scientific meeting. In 2013 this travel award program was expanded to include students in the departments of Biochemistry & Molecular Biology, Microbiology & Immunology and Neuroscience.

The awards are generously funded by Dr. Meyerson, who received his Biochemistry PhD from the School of Graduate and Postdoctoral Studies in 1974, and Ms. Faiman, a medical research philanthropist, whose interests lie in biological psychiatry, addiction, neurodegenerative diseases, stem cell research, seizure disorders, diabetes, neuropathy, metabolic disorders, orphan diseases, obesity and wound healing. By establishing these travel awards, Dr. Meyerson and Ms. Faiman provide a supportive and enriching environment for future life scientists and physicians.

In 2013, the recipients of these travel awards were:
Biochemistry and Molecular Biology - Xin Liu, a fourth year PhD student in the laboratory of Dr. Carl Correll

Microbiology and Immunology - Chirosee Bandyopadhyay, a fourth year PhD student in the laboratory of Dr. Bala Chandran and Olsi Gjyshi, a second year MD/PhD student in the laboratory of Dr. Bala Chandran

Neuroscience - Soumyabrata Munshi, a second-year PhD student in the laboratory of Dr. Russell Dahl

We would like to offer our congratulations to the students and sincere thanks to Dr. Meyerson and Ms. Faiman.

The School of Graduate and Postdoctoral Studies also provides additional funding for graduate school travel to scientific meetings.

The 2013 Keystone Travel Award, a competitively selected, SGPS sponsored travel award provides funds for MD/PhD students to attend the National MD/PhD Student Association meeting in Keystone, CO each year. This year's award was received by Olsi Gjyshi.

Graduate student Shannon Blume from the RFUMS Cellular and Molecular Pharmacology Department was awarded a HealthEmotions Research Institutes travel award to attend the Wisconsin Symposium on Emotion. The theme for this year's conference was "Trauma and Resilience: Basic and Translational Neuroscience".

Research Dollars

SGPS has initiated a grant incentive program intended to increase submission of predoctoral and postdoctoral research grant applications and funding through National Research Service Awards (NRSA) from NIH as well as from private foundations. The program provides financial incentives for submission of grants by graduate students and provides additional financial support to laboratories with graduate students and/or postdoctoral fellows that have secured their own extramural funds.

SGPS is very pleased to report recent successes by our graduate students in obtaining their own research funding. Since the introduction of the program, grant applications by postdoctoral fellows have increased three-fold, and applications by graduate students have increased five-fold. Our graduate students are currently funded by more NIH NRSA grants than at any time, dating back at least 13 years. As a result, the graduate stipend support and the research and tuition costs recovered from these grants, have grown significantly. Most recently, Andrew Scheyer, a graduate student in the laboratory of Dr. Marina Wolf in the Department of Neuroscience, received a three-year NIH NRSA grant in support of his research on "Synaptic Adaptations Underlying the Incubation of Cocaine Craving."



Publications

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Presentations

Ansari MA, July 2013, "Constitutive Interferon-Inducible Protein 16-Inflammasome Activation during Epstein-Barr Virus Latency I, II and III in B and Epithelial Cells" in 38th Annual International Herpesvirus Workshop (IHW), Grand Rapids, Michigan,

Ansari MA, July 2013, "EphrinA2 Regulates Clathrin Mediated KSHV Endocytosis in Fibroblast Cells by Coordinating Integrin-Associated Signaling and c-Cbl Directed Polyubiquitination" in 38th Annual International Herpesvirus Workshop (IHW) Grand Rapids, Michigan

Ansari MA, July 2013 "Kaposi's Sarcoma-Associated Herpesvirus Latency in Endothelial and B cells Activates Interferon Gamma-Inducible Protein 16 (IFI16) Mediated Inflammasomes." in 16th International Workshop on Kaposi's Sarcoma Herpesvirus (KSHV) and Related Agents, Grand Rapids, Michigan

Bandopadhyay C, June/July 2013, "CIB1 plays a crucial role in Kaposi's Sarcoma associated herpes virus productive infection." 16th International Workshop on Kaposi's Sarcoma-associated Herpesvirus Workshop, Puerto Varrata, Mexico

Blume S, April 2013, "The impact of repeated restraint stress on basolateral amygdala physiology in the female rat." HealthEmotions Research Institute Wisconsin Symposium on Emotion, Madison, WI

Bompolaki M, November 2013, "HCN1 expression pattern in distinct cell populations within the amygdala complex." Society for Neuroscience, San Diego, CA

Bruno A, February 2013, "Network sociology: Extracting community structure from large-scale recordings of brain activity." Trinity College, Dublin, Ireland.

Bruno A, November 2013, "Evolution of a motor program in dynamical and physical space." Society for Neuroscience, San Diego, CA

Christian DT, November 2013, "Differential calcium signaling mediated by NMDA and AMPA receptors in individual dendritic spines of nucleus accumbens medium spiny neurons." Society for Neuroscience, San Diego, CA.

Gjyshi O, July 2013, "Reactive oxygen species are induced by Kaposi's sarcoma-associated herpesvirus early during primary infection of endothelial cells to promoter virus entry." National MD/PhD Student Association Conference, Keystone, CO.

Havens MA, October 2013, "Drosha promotes splicing of an alternative exon that resembles a pre-miRNA substrate." Rustbelt RNA Meeting, Cleveland, Ohio

Havens MA, June 2013, "The role of the simtron, miR-1225, and its host gene, PKD1, in autosomal dominant polycystic kidney disease." RNA Society Annual Meeting, Davos, Switzerland

Huang H, July 2013, "An Interaction between Bcl-xL and VDAC1 & 3 Facilitates Mitochondrial Ca²⁺ Uptake and Bioenergetics." World Congress of the International Union of Physiological Sciences (IUPS), Birmingham, UK

Huang, H, April 2013, "An Interaction between Bcl-xL and VDAC Facilitates Mitochondrial Ca²⁺ Uptake and Bioenergetics." Experimental Biology Conference, Boston, MA.

Iqbal J, January 2013, "Hepatitis C virus induces proteolytic processing and secretion of IL-1 via assembly of NLRP3-inflammasome complex." Metabolic control of inflammation and immunity meeting, Breckenridge, CO.

Iqbal J, October 2013, "Hepatitis C Virus Induces Epithelial to Mesenchymal Transition via Osteopontin: Role of Osteopontin in Hepatoma Cells Migration and Invasion." 20th International Symposia on Hepatitis C Virus and Related Viruses, Melbourne, Australia.

Jaiswal MK, July 2013, "V-ATPase regulates apoptosis and autophagy through Chaperone in PGN+poly(I:C) induced preterm labor." Society for the Study of Reproduction Annual Meeting Reproductive Health: Nano to Global, MontrZal, QuZbec, Canada.

Jaiswal MK, March 2013, "An Emerging Role for Vacuolar-ATPase Isoform a2 in Preterm Labor: Regulation of Apoptosis and Polarization of M1/M2 Macrophage." Meeting of the Society for Gynecologic Investigation, Orlando, FL.

Jaiswal MK, May/June 2013, "Vacuolar-ATPase isoform a2 controls spermatogenesis by regulating inflammatory networks." Congress of the International Society for Immunology Reproduction (ISIR) hosted by the American Society for Reproductive Immunology (ASRI), Boston, MA.

Johnson K, July 2013, "HSV-1 infection induces activation and subsequent inhibition of the IFI16 and NLRP3 inflammasomes." International Herpesvirus Workshop, Grand Rapids, MI

Katara G, April 2013, "Tumor derived vacuolar ATPase subunit promotes M2 type polarization of macrophages." Annual Meeting of the American Association for Cancer Research, Washington, DC.

Loweth, JA, December 2013, "Group I metabotropic glutamate receptor activation negatively regulates GluA2-lacking AMPA receptors in cultured nucleus accumbens neuron." American College of Neuropsychopharmacology, Hollywood, FL

Loweth, JA, January 2013, "AMPA Receptors and Addiction: The Chicken or the Egg." Winter Conference on Brain Research, Breckenridge, CO

Loweth, JA, January 2013, "Cocaine Craving and AMPA Receptor Plasticity: Modulation by Metabotropic Glutamate Receptors." Winter Conference on Brain Research, Breckenridge, CO

Loweth, JA, November 2013, "Group I metabotropic glutamate receptor activation negatively regulates GluA2-lacking AMPA receptors in cultured nucleus accumbens neurons." Society for Neuroscience, San Diego, CA.

Munshi S, November 2013, "Novel small molecule inhibitors of endoplasmic reticulum stress showing efficacy in cell-based models of neurodegeneration by restoring calcium homeostasis." Society for Neuroscience, San Diego, CA

Olsi Gjyshi, July 2013, "Reactive oxygen species are induced by Kaposi's sarcoma-associated herpesvirus early during primary infection of endothelial cells to promoter virus entry." International Herpesvirus Workshop, Grand Rapids, MI

Pamarthy S, April 2013, "Breast cancers are notched up with a proton pump at their leading edge." Annual Meeting of the American Association for Cancer Research, Washington, DC.

Purgianto A, November 2013, "Effects of extended access cocaine self-administration on parvalbumin-positive interneurons in the nucleus accumbens." Society for Neuroscience, San Diego, CA.

Scheyer A, November 2013, "Protein synthesis-dependent mechanism for maintaining synaptic adaptations in the NAc during withdrawal from extended-access cocaine self-administration." Society for Neuroscience, San Diego, CA.

Shanahan K, January 2013, "A Yeast Model Study of a Human ATP Synthase Nuclear Gene Variant." Captain James A. Lovell Federal Health Care Center Research Poster Day, North Chicago, IL

Thomases DR, April, 2013, "Role of NMDA receptors in the regulation of local GABAergic circuit maturation in the prefrontal cortex during adolescence." Western Washington University, Bellingham, WA

Thomases DR, January 2013, "Impact of the GABA-A $\gamma 1$ positive allosteric modulator Indiplon in reversing the abnormal prefrontal disinhibitory state induced by NMDA receptor blockade during adolescence." Brain Research Foundation Annual Meeting, Chicago, IL

Thomases DR, March 2013, "MK-801 administration during the periadolescent transition impairs the normal heterosynaptic suppression of basolateral amygdala inputs to the prefrontal cortex by the ventral hippocampus." Chicago Chapter Society for Neuroscience, Chicago, IL

Thomases DR, November 2013, "Early adolescent MK-801 exposure disrupts hippocampal-amygdala interactions in the adult prefrontal cortex: reversal by Indiplon." Society for Neuroscience, San Diego, CA

Velmurugan GV, 2013, "Defective Nrf2-dependent redox signaling contributes to microvascular dysfunction in type 2 diabetes." FASEB J. 27:924.8.

Velmurugan GV, 2013. "Cystathionine gamma-lyase deficiency impairs H₂S biosynthesis and vessel reactivity in type-2 diabetes." FASEB J. 27:1091.3.

Werner CT, November 2013, "Ubiquitin-proteasome system activity following cocaine memory retrieval differs in early and prolonged withdrawal." Society for Neuroscience, San Diego, CA.

Wong WC, April 2013, "Adolescents are insensitive to punishment-induced suppression of cocaine self-administration." American Physician Scientist Association Meeting/ Association of American Physicians & the American Society for Clinical Investigation Annual Meeting, Chicago, IL.

Wong WC, April 2013, "Case report: Henoch-Schonlein Purpura presenting as fever of unknown origin in a 12 month old boy." Central Society for Clinical and Translational Research Meeting, Chicago, IL.

Wong WC, August 2013, "Carcinoma erysipeloïdes." Cleveland Clinic dermatology residency lecture series, Cleveland, OH.

Wong WC, May 2013, "Elevated activity of dopamine neurons during adolescence: implications for cocaine addiction." Dopamine Congress, Quart Say'I, Alghero, Sassari, Italy.

Zhang Y, March 2013, "Aberrant Restoration of Spines and their Synapses in L-dopa-Induced Dyskinesia: Involvement of Corticostriatal but not Thalamostriatal Synapses." Society for Neuroscience, Chicago, IL



S. Goswami and M. Havens discuss a poster during ASRC 2013



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