Odom Mentors Spector Prize Winner

The Marion Smith Spector prize has been awarded to Megan Kelly, a biology major who worked in the lab of Audrey Odom, M.D., Ph.D., assistant professor of pediatrics and of molecular microbiology in the School of Medicine.

Each year, the Department of Biology in Arts & Sciences at Washington University in St. Louis awards a prize to a graduating senior in memory of Marion Smith Spector, a 1938 WUSTL graduate who studied zoology under the late Viktor Hamburger, PhD.

Hamburger was a professor of biology and a prominent developmental biologist who made many important contributions while a WUSTL faculty member.

The Spector Prize, first awarded in 1974, recognizes academic excellence and outstanding undergraduate achievement in research. Students are nominated by their research mentors for outstanding research that has made substantial contributions to a field.

“I originally planned to complete the premed courses and then apply to medical school,” Kelly said. But the summer before I started college, I spent seven weeks in a lab as part of the Summer Scholars for Biology and Biomedical Research program. “I enjoyed it so much, I joined Dr. Odom’s lab that fall.” Kelly worked on the chemicals released by the parasites that cause malaria.

“Because of my experience working in Dr. Odom’s lab, I realized I wanted to do science as well as medicine,” she said. Kelly plans to continue her work in Odom’s lab in the coming year, and then to begin a dual MD/PhD.

“The Spector Prize, first awarded in 1974, recognizes academic excellence and outstanding undergraduate achievement in research. Students are nominated by their research mentors for outstanding research that has made substantial contributions to a field.

“I originally planned to complete the premed courses and then apply to medical school,” Kelly said. But the summer before I started college, I spent seven weeks in a lab as part of the Summer Scholars for Biology and Biomedical Research program. “I enjoyed it so much, I joined Dr. Odom’s lab that fall.” Kelly worked on the chemicals released by the parasites that cause malaria.

“Because of my experience working in Dr. Odom’s lab, I realized I wanted to do science as well as medicine,” she said. Kelly plans to continue her work in Odom’s lab in the coming year, and then to begin a dual MD/PhD.

Faculty Survey

The Affordable Care Act is changing the financing of medicine. In July, faculty will be receiving a survey addressing how the Act affects your view of and future plans in academic medicine. Please take time to complete the survey. Thank You

Office of Faculty Development

Brian Hackett, M.D., Ph.D., Director
Bess Marshall, M.D., Associate Director
Janet Braun, Program Coordinator, 454-4952
Achievements

Promotions

Anthony French, M.D., Ph.D., is promoted to tenured Associate Professor of Pediatrics on the Investigator Track in the Division of Rheumatology with a secondary promotion in Pathology & Immunology and in Biomedical Engineering. After earning a BS in Chemical Engineering and an MD degree at the University of Minnesota in Minneapolis, MN, Dr. French moved to Illinois where he obtained a M.Sc. and a Ph.D. in Chemical Engineering and an MD degree at the University of Illinois, Urbana-Champaign, IL. He served a pediatrics internship and residency at the Mayo Graduate School of Medicine before coming to Washington University as a Fellow in Pediatric Rheumatology. Since 2003 he has been a faculty member.

Dr. French’s website notes that, “his graduate work was with Dr. Douglas Lauffenburger studying receptor-mediated endocytosis and intracellular sorting. Dr. French’s current research is focused on the role of natural killer (NK) cells in the early innate immune response and is motivated by the hypothesis that a clearer understanding of in vivo NK cell responses and homeostasis may lead to novel therapeutic interventions in autoimmune diseases.” His laboratory studies NK cells during viral infections, particularly murine cytomegalovirus (MCMV) and herpes simplex virus - type 1 (HSV-1), and poxvirus ectromelia. The work has resulted in more than 40 peer reviewed publications and has led to continuous funding from the NIH since 2004 in addition to funding from the Howard Hughes Medical Institute, the March of Dimes, and the Children’s Discovery Institute.

In addition to his scientific pursuits, Dr. French has provided oversight of the Pediatric Flow Cytometry Core since 2006, serves as Director of the Pediatric Rheumatology Fellowship Program and Co-Director of the Pediatric Physician-Scientist Training Program. His commitment to education is evidenced by his service on twelve thesis committees and four fellowship scholarly oversight committees, teaching a module on HLH in the Molecular Mechanisms of Immunological Diseases course and lecturing in the Foundations in Immunology course for the medical school. Dr. French’s particular clinical expertise includes juvenile rheumatoid arthritis, juvenile dermatomyositis, vasculitis, and pediatric SLE.

David Hunstad, M.D., is promoted to tenured Associate Professor of Pediatrics on the Investigator Track in the Division of Infectious Disease with a secondary promotion in Molecular Microbiology. After completing a B.A., summa cum laude, from Carleton College in Northfield, MN, Dr. Hunstad came to Washington University School of Medicine, where he gained his M.D and then served as Intern, Resident, and Chief Resident in Pediatrics at St. Louis Children’s Hospital. He then completed his fellowship in Pediatric Infectious Diseases at Washington University and subsequently joined the faculty.

In the research arena, Dr. Hunstad’s lab studies the modulation of host immune responses by bacteria, bacterial virulence factors, and cell and animal models of uropathogenic E. Coli cystitis and is working to design nanoparticle-based therapies for prevention of acute and recurrent UTI. In addition, he has an interest in MRSA infections working with Drs. Stephanie Fritz and George Weinstock. His research funding includes two active RO1 awards and he has published thirty peer-reviewed articles.

Dr. Hunstad also has a major teaching effort, serving as the Director of the Pediatric Infectious Diseases Fellowship Program and Co-Director of the Pediatric Physician-Scientist Training Program. He has served on more than twenty thesis committees, numerous fellowship oversight committees and three Clinical Research Mentoring Committees in addition to serving as chair of both the Pediatric Infectious Diseases Society – Fellowship Awards Committee and the American Academy of Pediatrics – PREP:ID Program Committee. His teaching has twice been recognized with the Resident’s Lecture Award.
Kathleen Berchelmann, M.D., is promoted to Assistant Professor of Pediatrics on the Clinician Educator Track in the Division of Hospitalist Medicine. Dr. Berchelmann received her bachelor’s degree from Amherst College, MA, and her M.D. from the University of Connecticut School of Medicine. She had a fellowship in Medical Ethics at the Weston Jesuit School of Theology, Cambridge, MA, prior to medical school and served her internship and residency in pediatrics at St. Louis Children’s Hospital. She also obtained a certificate in Medical Informatics, Oregon Health Sciences University.

Since joining the faculty she has focused most of her hospitalist duties at Progress West Health Center. Dr. Berchelmann’s expertise has been in the area of electronic communication as she has served as chair of the IPASS electronic handoff workgroup and the MO-HITECH Heath Information Exchange workgroup. She founded and directs the SLCH Social Media Team, a group of hospitalists who provide lay educational content for social media outlets and blogging sites, including www.ChildrensMD.org and http://ChildrensMomDocs.org, and she is seen on FOX2 St. Louis’s STLMoms segment as well as serving as Pediatric Medical Director of the St. Louis affiliate of MomsLikeMe.com.

Alysa Ellis, M.D., is promoted to Assistant Professor on the Clinician Educator Track in the Division of Allergy, Immunology, and Pulmonary Medicine. After earning a bachelor’s degree and an M.D. at the University of Missouri, Kansas City, Dr. Ellis moved to St. Louis where she served her internship and residency in pediatrics at St. Louis Children’s Hospital and her fellowship at Washington University in the Division of Allergy, Immunology, and Pulmonary Medicine.

Dr. Ellis is the Director of Immunotherapy for the Division of Allergy, Immunology, and Pulmonary Medicine. Her scholarly interest focuses on asthma. She is carrying out a study of the efficacy of a school-based asthma clinic working with The Healthy Kids Express Asthma Van, of which she is medical director. She is also a Co-Investigator in the AsthmaNet Network. Dr. Ellis is a member of the Asthma Education Committee of SLCH, that helped develop online asthma learning modules for the SLCH website. She is associate director of the Pediatric Allergy/Immunology Fellowship program.

Lori Holtz, M.D. is promoted to Assistant Professor of Pediatrics on the Clinician Educator Track in the Division of Gastroenterology. Dr. Holtz earned her B.S. degree at Tulane University, New Orleans, LA, and her M.D. from The Ohio State University College of Medicine, Columbus, OH. She then served her internship and residency in pediatrics at Vanderbilt University before coming to Washington University for a fellowship in Pediatric Gastroenterology.

Her research, as noted on her website, “is focused on the role and discovery of viruses in pediatric GI diseases.” Dr. Holtz has discovered or co-discovered eight viruses present in pediatric diarrhea or serum from St. Louis and around the world, including Australia, India, Nepal, and Egypt. She has also studied viruses in pediatric transplant patients. Dr. Holtz has mentored several fellows, residents, and undergraduates and organizes the Pediatric GI weekly clinical conference. She has also served on the organizing committee for the Pediatric Department Annual Academic Pediatric Career Development Retreat. Her clinical expertise is in general gastroenterology and endoscopy.

Sun-Young Ahn, M.D., is promoted to Assistant Professor of Pediatrics on the Clinician Educator Track in the Division of Nephrology. Dr. Ahn earned her B.S., M.S., and M.D. degrees from Yonsei University, Seoul, Korea. She then served her internship, residency, and fellowship in Pediatric Nephrology at Severance Hospital, Yonsei University, Seoul, before coming to the U.S. as a Fellow in Pediatric Nephrology at the University of California San Diego. In her first years at Washington University, Dr. Ahn carried a full clinical schedule of inpatient and outpatient renal consults and procedures, including helping to develop protocols for plasma exchange. She has mentored several undergraduates and residents as well as seven fellows, and has served as one of the renal pathophysiology course lecturers at the medical school. She has published fifteen peer-reviewed articles, including her current research on the role of the scaffolding proteins, DLG1 and CASK, in urogenital development. Her work was awarded with a Children’s Discovery Institute Interdisciplinary Research Initiative grant of which she is the principal investigator.
## Achievements

### Research Awards

<table>
<thead>
<tr>
<th>PI</th>
<th>Award</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canter, Charles</td>
<td>NIH/R01/University of Miami</td>
<td>Cardiac Biomarkers in Pediatric Cardiomyopathy</td>
</tr>
<tr>
<td>Doctor, Allan</td>
<td>Terumo</td>
<td>Impact of Mirasol Treatment upon RBC Physiology</td>
</tr>
<tr>
<td>Hickey, Christina</td>
<td>NIH/K12/PSDP</td>
<td>Defining Host-Microbial Interactions that Trigger Inflammatory Bowel Disease in Children</td>
</tr>
<tr>
<td>King, Allison</td>
<td>NIH/John Hopkins</td>
<td>Hydroxyurea to Prevent CNS Complications of Sickle Cell Disease in Children</td>
</tr>
<tr>
<td>Rosen, David</td>
<td>PIDS</td>
<td>The Role of Cyclic Diguanylate Monophosphate Signaling in Klebsiella Pneumoniae Pathogenesis</td>
</tr>
<tr>
<td>Rubin, Josh</td>
<td>SLCH Foundation/Hyundai Hope on Wheels</td>
<td>Improving Outcome from Poor Prognosis Medulloblastoma</td>
</tr>
<tr>
<td>Rudnick, David</td>
<td>DDRCC</td>
<td>Interrogation of the Mechanisms that Mediate Aflotoxin-Associated Stunting</td>
</tr>
<tr>
<td>Schwartz, Alan</td>
<td>NIH/T32</td>
<td>Pediatric Physician-Scientists</td>
</tr>
<tr>
<td>Shoykhet, Michael</td>
<td>NIH/K08</td>
<td>Mechanisms and Impact of Thalamic Dysfunction after Cardiac Arrest</td>
</tr>
<tr>
<td>Storch, Gregory</td>
<td>HRSA/City of St Louis</td>
<td>MAI Contracts</td>
</tr>
<tr>
<td>Storch, Gregory</td>
<td>HRSA/City of St Louis</td>
<td>Medical Case Management</td>
</tr>
<tr>
<td>Storch, Gregory</td>
<td>HRSA/City of St Louis</td>
<td>Medical Case Management II</td>
</tr>
<tr>
<td>Storch, Gregory</td>
<td>HRSA/City of ST Louis</td>
<td>Treatment Adherence Counseling Services</td>
</tr>
</tbody>
</table>
Faculty Development

Wiki

Do you have questions related to your work to ask other faculty? Use peds new research Wiki available to all pediatric faculty. It can now be accessed through the pediatric intranet. Click here for the direct link and bookmark for easier future access. A tutorial can be found on the Office of Faculty Development’s website. If you need additional help using the Wiki, contact Janet Braun at 454-4952 or braun_j@kids.wustl.edu.

New Faculty Orientation

Charting Your Academic Career
Open to all pediatric faculty new to WUSM. Invites pending.
Increase your understanding of:
- WUSM governance structure and SLCH organizational structure
- Clinical, teaching and research structure of the department of pediatrics

Presented by
Alan Schwartz, Ph.D., M.D., Chairman of Department of Pediatrics
Brian Hackett M.D., Ph.D., Director of Office of Faculty Development
Bess Marshall, M.D., Associate Director of Office of Faculty Development

Logistics
Monday, August 19, 2013
11:00 am—2:00 pm
NWT 10A
Box lunch provided
RSVP
Janet Braun, 454-4952
braun_j@kids.wustl.edu

Spotlight on Women in Medicine & Science

Keynote Speaker
Jeanne A. Conry, M.D., Ph.D.
President, The American Congress of Obstetricians and Gynecologists
September 18, 2013 9-1 am Schwarz Auditorium
Complete details pending

Grand Rounds

Pediatric Grand Rounds
Joan Y. Reede, M.D., M.S., M.P.H., M.B.A.
Approaches to Advancing Diversity in Medicine and Science

Friday, October 4, 2013 9:15-10:15 a.m., Clopton Auditorium

Appointed as the first Dean for Diversity and Community Partnership at Harvard Medical School in January 2002, Joan Y. Reede is responsible for the development and management of a comprehensive program that provides leadership, guidance, and support to promote the increased recruitment, retention, and advancement of under-represented minority faculty at Harvard Medical School.
Summertime—when the living is easy

Baseball in St. Louis

A box seat, a draft beer, a super hot dog and convenient parking for under $20!
How can it be done? Minor League Ball!

Minor league ball offers a fun family experience with close-up seats, interaction with players, family entertainment and affordable concessions. Take advantage of promotional nights and you can go for much less than $20 a person. St. Louis has two minor league teams in the area. The Gateway Grizzlies are just over the Mississippi River in Sauget, IL. The River City Rascals are west in O’Fallon, MO. Visit their websites for details.

The Cardinals offer promotions and ticket specials, too. But you’ll never get a beer and hotdog for $5! But what St. Louisian can resist the Cardinals.

Entertaining Made Easy

With dual-career families, entertaining friends and family takes time you don’t have, but adds much needed balance to your life. Time For Dinner (TFD) at 8506 Manchester Rd can help. Make healthy & delicious meals your family will love while saving time and money. TFD will do all your shopping, chopping and clean up!

Too busy to make your meals? Then just drop in or pre-order from their To Go Menu. For under $70 you can pick-up a to-go dinner party including appetizer, entrée, sides and dessert for six.

Web excerpt...

“Menu’s and recipes are designed by TFD’s Food Guru, Tom McKinley, founder of one of St. Louis’ most successful and beloved restaurants, Sidney Street Café. They keep Tom busy developing new and interesting family friendly dishes to keep our monthly menus delicious and inspired!

Each month you can choose from exciting new menu selections. You’ll enjoy only the best cuts of meat, hand trimmed by our professional staff to meet our strict quality standards. All of our ingredients and recipes are tested extensively to meet our exacting requirements for flavor and freshness.”

Career Support

The purpose of the Academic Women’s Network is to promote professional and social interactions among the female academic faculty with the intent to discover and support mutual goals and to assist and mentor female junior faculty and trainees in the pursuit of their goals. Website

Lactation Facilities

To help facilitate a smooth transition back to work after childbirth, there are private lactation rooms available on the medical campus. The rooms are equipped with chairs and some rooms are equipped with an electric pump.

Locations:

♦ Northwest Tower Room #8145 pump available
♦ Children’s Hospital, 5South near NICU (3 rooms) pumps available
♦ North Campus: in basement (take Shoenberg pavilion service elevators) past employee health in the direction of the morgue (room is locked; pick-up key from admitting on 1st floor)
♦ South Campus: 9400N pumps available
♦ Center for Outpatient Health: floors 6 and 9 have quiet rooms near women’s restrooms, but do not have pumps