Inside this issue:
Faculty Profiles 2-3
Accolades 4
Trainee Teaching Award 5
Where Are They Now? 5-6
Moon Buggy Technology 6
Molecular & Cellular Retreat 7
TTP Research 7
UED Lab HIV Study 8
Spotlight on Administration 8
Endocarditis Study 9
From the Chief Residents 10-12
From the Graduate Students 13-14
Pathology Grants Awarded 15
Funds Solicitation 16-17

Message from the Chair

The recently held Pathology Trainee Research Day was a huge success and for the first time included posters and talks from Department of Pathology Graduate Students, Post-Doctoral Fellows, and Clinical Residents. Student and faculty attendance was excellent and the quality of the presentations was outstanding. I am optimistic that we can further expand this exciting event in future years.

Trainee Research Day illustrated for me the importance of encouraging both faculty and trainees to reach across administrative and scientific divisions to engage in creative collaboration with their colleagues throughout the Department of Pathology. If we do so, we have the opportunity to shape the future of both diagnostic and investigative pathology.

Best wishes,
Kevin A. Roth, M.D., Ph.D.

ASCP Annual Meeting 2012

C. Bruce Alexander, M.D., President of ASCP, presents Ashley Judd with the second ASCP Humanitarian Award at the 2012 ASCP Annual Meeting in Boston.

For more information regarding the ASCP, please visit their website at: http://www.ascp.org/2012-annual-meeting/Daily-Videos.html.

Dr. C. Bruce Alexander Elected President of National AOA:

Dr. C. Bruce Alexander was elected President of the Alpha Omega Alpha National Honor Society at the 2012 Annual Meeting of the ADA Board of Directors on October 6, 2012 in San Francisco, California.

ADA was founded in 1902 as an organization dedicated to honoring academic achievement, professionalism and exceptional teaching in the field of medicine. A member of ADA espouses the commitment to leadership, scholarship, professionalism and service in the medical field. There are currently 120 chapters in medical schools in the United States, and more than 150,000 members. About 3000 students, alumni, house staff, and faculty are

Cont’d...
His contributions were recognized by the Mayer Mitchell Annual Award for Excellence in Cancer Research.

In 2012 Dr. Rajeev Samant moved to UAB with his long time research collaborator and spouse, Dr. Lalita Shevde, and accepted his current position in the Department of Pathology. He is relentlessly working on expansion of his research program towards understanding molecular switches and regulators such as transcription co-factors, miRNAs and their cross-talk with signaling networks that influence tumor progression and metastasis. His translational and patient oriented approach has been aimed at developing novel cancer-targeted therapies.

Dr. Samant has worked as reviewer and Chair of Study sections for several Federal and private funding organizations nationally as well as internationally. He is on the Editorial Board of four different journals.

Cont’d….
Faculty Profile: Rajeev S. Samant, Ph.D., Cont’d...

research journals and has contributed to over 50 peer-reviewed publications and multiple abstracts and book chapters and patent applications.

Lalita & Rajeev’s collaborations extend beyond the lab front as parents of their two children, Ritika and Rishab, who are adjusting to their new schools in Vestavia.

Faculty Profile: Lalita Shevde-Samant, Ph.D.

Lalita Shevde-Samant, Ph.D. is one of two new Faculty members recruited to the Division of Molecular & Cellular Pathology. Lalita & her husband, Rajeev Samant, joined the Department of Pathology in June 2012. Lalita moved her research program to UAB from the University of South Alabama Mitchell Cancer Institute. Her research investigates the dynamics of the interactions between tumor cells and their microenvironment with the goal of identifying mechanisms that regulate tumor progression, metastasis and response to therapy. Dr. Shevde-Samant obtained her Ph.D. in 1999 from the Cancer Research Institute, University of Mumbai, India. Her graduate studies were focused on investigating immune functions in familial breast cancer. Her post-doctoral training at the Penn State University Hershey Medical Center centered on the area of metastasis, specifically mechanisms of suppression of metastasis. She was awarded a postdoctoral training grant from the Susan Komen Foundation to support her research and was also honored with a Scholar-in-Training award from the American Association of Cancer Research.

In 2002 Dr. Shevde-Samant joined UAB in the Department of Pathology to continue her research on metastasis, which received an Institutional Research Grant (IRG) from the UAB-ACS-IRG and also a Pilot Grant from the UAB Breast SPORE. In 2004 she moved to the Mitchell Cancer Institute in South Alabama as an Assistant Professor and received grants from the Komen Foundation and the Department of Defense to support her research on understanding the operative mechanisms that regulate breast cancer metastasis to bone. At South Alabama, Lalita was instrumental in the establishment of a cancer tissue repository that made specimens available for cancer research at the University. She also launched and spearheaded the Cancer Biology graduate (Ph.D.) program at South Alabama. She has mentored postdoctoral fellows, graduate, undergraduate students and medical students. For her scientific contributions as well as institutional citizenship Lalita was awarded the Mayer Mitchell Award for Outstanding Cancer Research by South Alabama; she also advanced to being an Associate Professor. Dr. Shevde-Samant’s research program has grown to encompass research on tumor cell-autonomous and non-autonomous (reactive tumor milieu) mediators of malignant behavior. Her research on the characterization of the tumor suppressor, Merlin in breast cancer has been awarded federal funding. She has authored over 50 peer-reviewed publications, book chapters and patent applications. She serves as a Reviewer for the NCI and several national and international funding agencies and has been invited to chair sessions in national/international meetings.

At UAB, Dr. Shevde-Samant is a member Scientist of the UAB CCC and the Center for Metabolic Bone Disease (CMBD). She recently received Pilot funding from the CMBD towards investigating the interactive role of breast tumor cells and the bone microenvironment and its overall impact on osteolytic metastases.

Ongoing investigations are centered on investigating the impact of the mutually sustaining synergy between tumor and stromal cells and how that impacts the molecular homeostasis and promotes evolution of the malignant phenotype with a focus on determining the mechanisms and implications of post-translational modifications of Merlin protein.
Accolades:

C. Bruce Alexander, M.D. delivered the 2012 Stanley L. Robbins, M.D. Lecture at The Brigham and Woman’s Hospital at Harvard University Medical Center on Sept. 24, 2012. This lecture is part of the Harvard/Longwood Combined Pathology Grand Rounds Series, a collaboration among Brigham and Women’s Hospital, Massachusetts General Hospital, Beth Israel Deaconess Medical Center and Children’s Hospital Boston. Dr. Alexander’s presentation was entitled, “Training in Pathology: History, Opportunities and Future Challenges.” The Stanley Robbins Lecture/Visiting Professorship honors Harvard’s late esteemed colleague and author of Robbins and Cotran Pathologic Basis of Disease, one of the best selling medical textbooks of all time.

Yabing Chen, Ph.D. was reappointed to the ATVB Board beginning July 1, 2012 for another two year term. Dr. Chen’s Research paper on “Smooth Muscle Cell-Specific Runx2 Deficiency Inhibits Vascular Calcification,” is one of the most downloaded articles in Circulation Research journal during July 2012, it was downloaded and viewed over 225 times, placing it in the top tier for the month.

Shannon Bailey, Ph.D. presented a talk at the Obesity Society Meeting entitled “Hepatocyte clock and liver injury” in San Antonio, TX, September 20-24. The Symposium title was Circadian Rhythm and Metabolism.

Balu Chaco, Ph.D. has been appointed Associate Scientist in the Nutrition Obesity Research Center (NORC). NORC is an NIH-funded, university-wide research center established to foster a multidisciplinary approach to basic, clinical, and translational research with an emphasis on understanding the metabolic factors, environmental influences, and associated genetic traits underlying nutrition and obesity-related health problems.

Victor Darley-Usmar, Ph.D. received the 2012 Lifetime Achievement Award from the Society for Free Radical Biology in Medicine.

Joanne Murphy-Ullrich, Ph.D. was selected as Co-Chair of the study section for review of Established Investigator Awards for the American Heart Association and she will be Chair in 2014-2015.

Moon Nahm, M.D., spoke at a symposium at the 2012 meeting of the American Society for Microbiology on transplants. An article highlighting this was published in CAP Today. You can find the article at the College of American Pathologists (CAP) website at www.cap.org.

Gregory Davis, M.D. has been elected Vice-President of the National Association of Medical Examiners for 2013 with plans to serve as president in 2014. The society website is www.thename.org. Dr. Davis is currently serving on the Board of Directors of the American Academy of Forensic Sciences (www.aafs.org).
Trainee Teaching Award Announcement

We are pleased to announce the institution of a new, annual teaching award for trainees in the UAB Department of Pathology: the Outstanding Teaching Award for Multidisciplinary and Medical Student Education. Pathologists have a long tradition of being the teachers in medicine, and it remains one of our most important roles. Therefore, this award will be given to the resident or fellow who demonstrates the greatest commitment to the multidisciplinary teaching of fellow residents and trainees, in Pathology and other clinical disciplines in medicine, and to UAB Medical Students. The institution of this award was inspired by the life, work, and philosophy of Benjamin Solomon Carson, Sr., MD, a pre-eminent pediatric neurosurgeon who rose from dire poverty to become an accomplished physician and educator, and who has been director of pediatric neurosurgery at Johns Hopkins School of Medicine for over 25 years. Dr. Carson is one of a few dozen “Living Legends” recognized by the Library of Congress, and a recipient of the highest recognitions in the U.S., including the Presidential Medal of Freedom. Dr. Carson reminds us that if one values one’s education and inspiration received from mentors during the process, then one steps up to provide it to others, through example, teaching, and, in particular, scholarship awards.

A significant component of winning this award will include validation of the trainee’s efforts in the education and inspiration of UAB Medical Students to learn pathology and to appreciate its fundamental and ongoing role as a cornerstone of medical practice and research. Thus, nominations must include contributions from, if not originated by, UAB Medical Students, but nominations and letters of support may also come from other trainees in Pathology and clinical practice disciplines. Nomination packets should include a brief cover letter and two letters of support. A third letter of support may be elicited from a Pathology Department faculty. Eligibility will not be dependent upon year of training. The award will include a cash prize of $250.00, and the first winner will be announced at the Residents’ and Fellows’ Farewell Reception in May 2013. The award selection committee will consist of Dr. Ona Faye-Petersen, Dr. C. Bruce Alexander, and chief residents from Pathology, and the presidents from the first and second year UAB Medical Student classes. Nominations, including scanned, signed letters of support, should be sent, via electronic mail, to Dr. Faye-Petersen (onafp@uab.edu), by April 5, 2013.

Where Are They Now?

Dr. Scott Isbell obtained his Ph.D. degree in Molecular and Cellular Pathology from UAB in 2007, after obtaining his BS degree in Biology (with honors) from UAB in 2002. During his Ph.D. studies in the UAB Pathology Graduate Program, Dr. Isbell was guided and instructed in Dr. Rakesh Patel’s laboratory where his research focused on elucidating the biological mechanisms and therapeutic implications of nitrite conversion to nitric oxide. In 2004, he received the Young Investigator’s Award from the Society for Free Radical Biology and Medicine. From 2006-2007, he was Presiding Officer of the Molecular and Cellular Pathology Graduate Program and served on the MCP Graduate Program Recruitment Committee. In 2007, Dr. Isbell received a travel award for the Second International Role of Nitrite in Physiology, Pathophysiology, and Therapeutics Meeting, and was selected to represent UAB at the Howard Hughes Medical Institute Fellows Meeting. In addition, in 2007, he was given the Samuel B Barker Award for Excellence in Graduate studies (selected as the top doctoral student among all UAB graduate programs).

After obtaining his Ph.D., Dr. Isbell was a Postdoctoral Fellow in Clinical Chemistry and Laboratory Medicine at Washington University School of Medicine in St. Louis, MO, from 2008-2010. In 2009-10, he served as Chief Clinical Chemistry Fellow at that institution. In 2010, he received the Paul E. Stanford Young Investigator Award from the Cont’d...
A Moon Buggy technology was adapted to transport blood samples to the laboratory at body temperature.

Cryoglobulin assay is a simple assay but is very difficult for clinical laboratories because the blood samples must not cool below body temperature before reaching the laboratory. In most cases, blood samples are transported in a thermos bottle containing warm water. However, the warm water cools rapidly and samples often arrive in the laboratory with an acceptably low temperature. In some cases, the water temperature is too hot and the blood sample becomes cooked. These transport difficulties prevented standardization of the cryoglobulin assay and limited its reliable use.

To overcome this problem, Dr. Moon Nahm collaborated with Dr. William Benjamin in Pathology and Dr. Winn Chatham in the Clinical Immunology/Rheumatology Division of the Medicine Department to invent a device called Cryocab. He recalled that the Apollo Moon Buggy engine temperature was maintained with a small amount of wax that melts at a certain temperature. He put such a wax in the Cryocab to maintain the blood samples at 38 °C during the blood transport. With the use of Cryocab, almost all samples for cryoglobulin now arrive at the clinical laboratory at 38 °C. Their paper describing the device was recently published (Clin. Vac. Immunol 19:1555, 2012) with enthusiastic comments from the reviewers. As this device can be useful for many other applications, the University has applied for a patent and all the inventors donated the intellectual property to the University.

Moon Buggy Technology Utilized in Blood Transport System

He has given a number of invited presentations and lectures on point-of-care testing and blood glucose monitoring in the hospital, including conferences in Mexico City and Cape Town, South Africa. Most recently, coming full circle, he presented a talk co-sponsored by the UAB Department of Pathology titled “Career Opportunities for Ph.D. Trainees in Laboratory Medicine.”

Dr. Isbell has many fond memories of his colleagues and friends in the Pathology graduate program, and especially the guidance of his mentor, Dr. Rakesh Patel. He resides in Chicago, IL.
Molecular & Cellular Pathology Retreat

The Division of Molecular & Cellular Pathology held their first faculty retreat on August 24th at The UAB Alumni House. MCP faculty gave a five-minute presentation about their research followed by a two minute Q&A session. Jonas Almeida, PhD, Director of the Division of Informatics gave an overview of how informatics can contribute to our research efforts. During the afternoon faculty separated into small discussion groups to brainstorm new ideas.

TTP Research:

On October 10, 2012, Dr. Evan Sadler spoke at the UAB Medicine Grand Rounds on "ADAMTS13 and Thrombotic Microangiopathy." Dr. Sadler is Professor of Medicine and Chief of the Division of Hematology, Department of Medicine at Washington University School of Medicine, St. Louis, Missouri. In addition, he is Professor of Biochemistry and Molecular Biophysics at the same institution. Dr. Sadler is world renowned and has been a Howard Hughes Medical Institute Investigator for more than 15 years. In 2011, he was President of the American Society of Hematology (ASH). He has received several awards for his lifelong dedication to the fields of hemostasis and thrombosis, and, in particular, von Willebrand disease and thrombotic microangiopathies like thrombotic thrombocytopenic purpura (TTP). He is a highly sought speaker with a long record of presentations in the United States and many other countries. We were very fortunate Dr. Sadler accepted our invitation to speak at UAB. His presentation was sponsored by the family and friends of a UAB patient who succumbed to TTP in 2011. Mrs. Crowder’s family was very thankful for the care she received from our apheresis service and asked that donations in her honor be sent to our department following her untimely death. Present during Grand Rounds were Mrs. Crowder’s father, husband, son and brother. Following the lecture, all were invited to have lunch with Dr. Sadler along with Dr. Seth Landefeld (UAB Chair of Medicine), Ms. Virginia Loftin (UAB School of Medicine) and Dr. Marisa B. Marques (UAB Transfusion Services Medical Director). All present were honored to count on Dr. Sadler’s expertise and saddened by the memory of a loved one who died from TTP. As a center of reference for the treatment of this interesting and still puzzling condition, our department hopes to continue to pursue an improved outcome for those affected by TTP.
UED Lab HIV Study:

On August 9, 2011, the UED and UED Lab implemented a “24/7” HIV screening and linkage-to-care initiative funded by the CDC and Alabama Department of Health. UED patients ages 19-65 are eligible for this free screening service and are given the option to opt out. As of July 1, 2012, out of the 18,500 patients that have been tested only 13% have opted out. With that, the UED Lab staff has helped identify 26 new HIV+ cases and re-diagnosed 36 HIV+ which were successfully linked to treatment and counseling services. Program successes reflect the positive collaboration between UED Clinicians and UED Lab personnel, including three MLTs hired for the study.

— This collaboration was cited in a recent article in Science magazine.

Spotlight on Administration—Morgan Burke:

Morgan Burke is an Office Associate I in the Division of Laboratory Medicine. She joined Pathology in February of 2008. Even though she was new to the UAB system, she quickly learned her role and has been a great asset to the division. She provides support to Drs. Adamski and Marques in the Transfusion Medicine Section as well as other divisional duties such as organizing the weekly Laboratory Medicine Seminar and Noon Report series. She coordinates the Blood Banking & Transfusion Medicine Fellowship. Last year, she assisted Dr. Marques in organizing the American Society for Apheresis Regional Meeting that was hosted in Birmingham at UAB Highlands. Morgan also supports Dr. Marques in her role as the Section Head of Coagulation, Medical Director of Highlands Blood Bank and Co-Director of the Blood Utilization and Management Committee. Her faculty often describe her contribution as invaluable to their area.

Morgan was born and raised in Homewood, AL. She attended Belmont University in Nashville, TN where, in 2006, she received a Bachelor Degree of Business Administration with a Music Business emphasis. While in college, she interned at the Nashville Songwriters Association International; and for the past 7 years, she has interned at the Bonnaroo Music and Arts Festival where she is responsible for organizing and cataloging the video and audio recordings for the entire festival. After graduating, Morgan moved back to Birmingham to be close to her family. In 2009, she married her husband, Brett. They live in Bluff Park with their three cats, Arlo, Ziggy, and Gonzo. In their free time, they enjoy going to concerts, traveling, and bargain hunting for antiques and vintage furniture.
Pathology resident Dr. Yaolin Zhou’s study on endocarditis recognized at ASCP and in the medical news:

Dr. Yaolin Zhou, a second-year pathology resident at UAB, recently presented an update on infective endocarditis at the American Society for Clinical Pathology (ASCP) 2012 Annual Meeting in Boston.

After performing an autopsy on a woman whose MRSA mechanical valve endocarditis was not diagnosed during her five day hospitalization, Dr. Zhou became interested in the clinical characteristics of endocarditis patients and the timing of their diagnoses. She hoped to better understand and bring attention to the diagnostic process, in order to help clinicians recognize and treat endocarditis in a timely manner.

Dr. Zhou and her co-investigators, Dr. Stephanie Reilly, Dr. Matthew Cain, Dr. Silvio Litovsky, and Pathology Informatics graduate student Sean Wilkinson reviewed over three thousand autopsy reports and analyzed the data. The 46 autopsy cases of endocarditis performed over a 12-year period confirmed some previously recognized trends in the epidemiology of infective endocarditis and also highlighted new findings.

The most disturbing finding was that despite hospitalization, one third of these patients (n = 15; 32.6%) were not diagnosed until autopsy. Of the seven right-sided only cases, six were not diagnosed until after death. This was attributed to non-classic presenting symptoms, including the type of heart murmur, lack of systemic vascular emboli, and a likely predominance of respiratory symptoms. Although classically right-sided endocarditis is associated intravenous drug use, only one of the seven patients was a known drug abuser.

For her work, she was recognized as a best resident poster award competition finalist. It also caught the attention of Medscape Medical News, which published an article featuring her study (Infective Endocarditis Often Missed in At-Risk Patients. Medscape. Nov 08, 2012. Available at: http://www.medscape.com/viewarticle/774112).

Following the initial study, Dr. Zhou collected additional data to further clarify her findings. Her newest abstract was recently accepted at the United States and Canadian Academy of Pathology (USCAP) 2013 Annual Meeting. In the expanded 22-year study, the investi-
From the Chief Residents:

We want to thank the residents and faculty for helping to get the year off to a good start. Our first years seem to have settled in and are doing a great job. We also want to wish good luck to the 3rd and 4th year residents who are currently applying for fellowships!

We have already started recruiting for next year’s resident class and will continue to interview applicants through mid-January. Thank you to everyone who is helping out with interviews and lunches to welcome the applicants and promote our program!

Our residents have been and continue to be involved in many diverse research projects and are representing UAB on a national level. In addition to the projects listed below, approximately 20 abstracts were submitted by residents or fellows for the 2013 USCAP meeting. The many research opportunities and the support for resident research really help make UAB a great place to train!

Amy Treece and Johnny Ross
Chief Residents, 2012-2013

CAP 2012 Annual Meeting
The College of American Pathologists (CAP) meeting took place in San Diego from September 9th to 12th. Chris Kragel represented UAB at the CAP Residents Forum to discuss issues faced as residents and in practice. The following posters were presented:

Ovarian Adenosarcoma Arising in Endometriosis: a Case Report.

Recent Publications


Deal T, Mishra V, Duong B, Andea A. Pitfall cases in Dermatopathology: When things are not what they seem. (accepted for publication Expert Reviews in Dermatology, December 2012 issue)


Adams Foundation Grants
Taylor Deal and Amy Treece have been awarded Adams Foundation Grants during the past quarter.

Pathology Trainee Research Day
This is the first year that the residents and fellows have been involved in the Pathology Trainee Research Day. Jessie Xu was selected for an oral presentation and discussed her work with Dr. Brandwein-Gensler entitled, “African Americans with oropharyngeal carcinoma: decreased...
transcriptionally active high-risk HPV contributes to poorer survival.” Taylor Deal, Zhiyong Ren, Amy Treece, Yaolin Zhou, Jason Brazelton, Alex Hanna, Johnny Ross, Dara Wakefield, and Sam Borak also presented posters. Jessie Xu and Amy Treece received Awards for Recognition of Outstanding Research.

From the Chief Residents Cont’d...

transcriptionally active high-risk HPV contributes to poorer survival.” Taylor Deal, Zhiyong Ren, Amy Treece, Yaolin Zhou, Jason Brazelton, Alex Hanna, Johnny Ross, Dara Wakefield, and Sam Borak also presented posters. Jessie Xu and Amy Treece received Awards for Recognition of Outstanding Research.

transcriptionally active high-risk HPV contributes to poorer survival.” Taylor Deal, Zhiyong Ren, Amy Treece, Yaolin Zhou, Jason Brazelton, Alex Hanna, Johnny Ross, Dara Wakefield, and Sam Borak also presented posters. Jessie Xu and Amy Treece received Awards for Recognition of Outstanding Research.
Pathology Trainee Research Day – Dara Wakefield with her poster. (Special thanks to Dara for being the unofficial PTRD photographer!)

Residents and fellows at a Halloween party hosted by Kari Hooper. Pictured: Brandi McCleskey, Amy Treece, Jessica Tracht, Taylor Deal, Amberly Nunez, Kari Hooper, and Rebecca McIntosh.

From the Chief Residents Cont’d...

A group of the residents went camping and rafting on the Ocoee River in September. First year residents Brandi McCleskey and Jessica Tracht are seen here braving the white water! Also on the trip were Jason Wicker, Xiaoyan Cui, Evan Alston, Amy Treece, and previous chief resident Emily Gorman.
From the Graduate Students:

Accolades/Awards:

Jack Heath — Won first place (oral presentation) in the GBS retreat on September 22nd entitled "Increased O-GlcNAc modification induces vascular calcification by activation of Akt.

Won Second Place (poster presentation) at the 13th Annual Trainee Poster Session during the 23rd Annual Vascular Biology and Hypertension Symposium. "Increased O-GlcNAc Modification Induces Vascular Calcification by Activation of Akt"


Kurt Zimmerman — Was selected for an oral presentation and received a travel award from the American Society for Matrix Biology to attend and present his research at the American Society for Matrix Biology-Society for Glycoscience joint meeting in San Diego November 11-14.

Uduak Udoh — PBMM graduate student in Dr. Shannon Bailey’s Leb presented a poster: "Chronic alcohol consumption disrupts the diurnal rhythms of glycogen metabolism genes and glycogen levels at the inaugural GBS Student Research Retreat on September 22nd and was awarded 3rd Place out of 34 graduate students who presented during Poster Session I.

Mark Stewart — Was awarded best presentation at the Gordon Research Seminar (Gordon Conference on Proteoglycans). Andover, New Hampshire, July 2012. Title of presentation: "Shed syndecan-1 translocates to the nucleus of myeloma cells"

Was selected by the American Society for Biochemistry and Molecular Biology as one of 15 science trainees nationwide to attend Hill Day in Washington, DC (September 2012). This is an event in which trainees interact with members of Congress and their staff and encourage their support of biomedical research.

Camilla Thompson — A graduate student in Dr. Ralph Sanderson’s lab in the Cell, Molecular and Developmental Biology Theme was selected to give an oral presentation at the conference on Exosomes and Microvesicles 2012 in Orlando, Florida (September 2012). Title of her presentation: "Secretion, composition and biological activity of tumor cell-derived exosomes are regulated by heparanase"

Qinglan (Helen) Liu — Received a UAB ORTC (Diabetes Research Training Center) travel award.

Qinglan (Helen) Liu — Received a UAB ORTC (Diabetes Research Training Center) travel award.

Kim Dunham — Received a Pathology Department Travel Award as well as a Centre for Free Radical Biology Travel Award. Both awards are for upcoming travel to the Society for Free Radical Biology & Medicine Annual Meeting in San Diego. The title of her abstract is "The Role of Mitochondrial Genetic Background on Mitochondrial Bioenergetics and Energy Balance".

Publications/Presentations:


Melissa Sammy — attended the Howard Hughes Medical Institute Med-Grad Peer Cluster Meeting at Vanderbilt University, Nashville, Tennessee from May 31st - June 1st and presented a poster entitled "Liver mitochondrial function is altered by dietary induced insulin resistance in C57BL/6J mice.

Cont’d...
From the Graduate Students Cont’d:


Erin McCoy – presented her poster: “Interleukin (IL)-11, a cytokine produced by breast cancer, augments osteoclastogenesis by increasing the pool of osteoclast progenitor cells” at the ASBMR (American Society for Bone and Mineral Research) October 12-15th in Minneapolis, Minnesota.

8th Annual PTRD—October 26, 2012

Oral Presentation Winners
1. Vishnu Ramani, PhD, Postdoc - Ralph Sanderson, PhD, Mentor. 
2. Jie Xu, M.D., Resident - Margaret Brandwein-Gensler Mentor. 
3. MCP and GBS Graduate Students: Niroop Kaza - Kevin Roth, MD, PhD, Mentor, Ryan Stapley - Rakesh Patel, PhD, Mentor, Nathan Bowers - Zdenek Hel, PhD, Mentor & Melissa Sammy - Scott Ballinger, PhD, mentor.

Post Presentation Winners
Xiaosen Ouyang, Ph.D., Postdoc - Jianhua Zhang, PhD, Mentor. 
Amanda Treece, MD, Resident - Ona Faye-Petersen MD, mentor 
Allison Brady, GBS Graduate Student - Moon Nahm, MD, Mentor.

Betty Pritchett Spencer Award
Kyle Feeley – Scott Ballinger, PhD, mentor.

Dr. Selvarangan Ponnazhagan - Faculty Leadership Award
Matthew Vallejo - Graduate Student Service Award

The Graduate Student Service Award goes to the MCP student who has shown the most leadership and dedication to service in the program. The Faculty Leadership Award goes to the faculty member who has shown the most dedication and mentorship to MCP students.

Special Seminar by alumnus, Doug DiGirolamo, PhD, Assistant Professor, John Hopkins School of Medicine, Department of Orthopaedic Surgery.
Pathology Grants Awarded:

MARGARET BRANDWEIN-GENSLER
UAB/CCC
Indoleamine 2, 3-Dioxygenase (IDO) Inhibition for HPS-Mediated Cancers in HIV+ Individuals
$100,000 08/01/12-07/31/13

SHUKO HARADA
UAB/CCC/FDGP
Molecular Profiling of Breast Ductal Carcinoma In Situ (DCIS)
$8,500 08/01/12-07/31/13

WILLIAM GRIZZLE
NIH/University of South Alabama
Phosphodiestrase 5: A Novel Target and Inhibitor for Breast Cancer Chemoprevention
$87,651 08/16/12-07/31/17

YI-PING LI
NIH
Transcriptional Regulation of Osteoclast Lineage Commitment and Differentiation
$22,500 10/01/12-09/30/13

ROBIN LORENZ
UAB/CCC
Influences in Colorectal Cancer: Role of Xenobiotic Pumps and Sensors
$99,957 09/01/12-08/31/13

MOON NAHM
NIH
Pneumococcal Capsule and Host Innate Immunity
$366,250 08/01/12-07/31/13

LALITA SHEVDE-SAMANT
UAB/CMBD
Reprogramming of Hedgehog Activity of Breast Cancer Cells in Bone
$22,500 10/01/12-09/30/13

KEN WAITES
Cempra Pharmaceuticals, Inc.
Detection of Microplasma Pneumonia by Culture and PCR in a Phase 3 Oral CABP Trial Comparing Solithromycin vs. Mosifloxacin
$196,720 09/01/12-06/30/14

CASEY WEAVER
NIH/Oregon Health & Science University
Primate Model of Mid-Gestation Ureaplasma In Utero Infection: Prevention of Neurologic Sequelae
$135,247 08/01/12-07/31/13

JIANHUA ZHANG
VA-IPA
Transcriptional Regulation of Osteoclast Lineage Commitment and Differentiation
$352,338 09/30/12-03/31/16

If anyone has any news items, accolades, etc. to be put in the quarterly newsletter, please send it to the Path In Focus e-mail address at: pathinfocus@uab.edu.

Thank you.

Angie Schmeckebier
Dear UAB Department of Pathology Friends and Colleagues:

The UAB Department of Pathology is recognized nationally for excellence in biomedical research, undergraduate and graduate medical education, and diagnostic pathology. This rise to prominence has been accomplished through the hard work and dedication of numerous Department of Pathology faculty and trainees who have made UAB a phenomenal environment for pathology education and clinical practice. Several decades ago, the former Departments of Anatomic Pathology and Clinical Pathology of the University of Alabama School of Medicine merged into a single Department of Pathology of the UAB Health System. More than 250 residents have received their graduate training in Pathology at UAB and have gone on to populate the state, region and the nation. In fact, the vast majority of Pathologists in the state of Alabama have received some or all of their training here at UAB. This program of excellence in graduate medical education has been appropriately balanced by a world-class graduate program that has similarly trained generations of scientists who fill academia, industry and government service. Our department has been bolstered in recent years by an ever increasing number of post-doctoral fellows, clinical fellows and junior faculty members who have achieved academic, research, and/or clinical excellence, and ascended to leadership positions at UAB or other institutions.

Please consider making a gift to the Department of Pathology at UAB to support our missions of clinical practice, teaching, research and service. Any amount would be most gratefully received and would be fully deductible*. One could direct it to a particular area of need, to fund current and future endowed professorships or create new awards, prizes or similar recognition opportunities to honor yourself, a family member, a favorite professor, etc.

We would be pleased to assist you and your professional advisors in including the UAB Department of Pathology in your estate plan or in exploring other giving strategies. A simple tear off sheet is found below.

* One should always check with their tax advisor.

Thank you for your serious consideration of this request.

Please fill out each of the 3 Sections:

A1—Enclosed, please find my contribution to the UAB Department of Pathology in the amount of:

___ $50
___ $100
___ $500
___ $1000
___ Other: ________________

Please make all checks payable to the UAB Department of Pathology and return them to Ms. Lynne Roden, Departmental Administrator, 500 22nd Street South; Suite JNWB 404, Birmingham, AL 35294-0500.

Cont’d...
A2—Please contact me to discuss further:

Name: _________________________________________
Address: _______________________________________
Telephone Number: ______________________________
E-mail Address: _________________________________

*Please indicate your preferred means of communication.

B—I wish to direct this gift to the Department towards:

___ Where the need is the greatest
___ Teaching
___ Research
___ Named Chairs or Professorships
___ Awards for teaching/research/clinical excellence
___ Naming opportunities (Rooms, collections, equipment, etc.)

C—Person(s) and complete address to be acknowledged for tax purposes:

________________________________________________________________
________________________________________________________________
________________________________________________________________
________________________________________________________________

Do you want this gift to be anonymous? Yes ___ No ___
Do you want to honor a particular person or event?
Specifics: _______________________________________________________

D—If you prefer to donate via credit card, please call the UAB Development office at (205) 975-5659.