

## Message from the Chair

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I am pleased to announce the recruitment of two new faculty members to the UAB Department of Pathology. Dr. Yi-Ping Li (Forsyth Institute, Harvard School of Dentistry; see faculty profile in this issue) joined our department September 1<sup>st</sup> as a Professor in the Division of Molecular and Cellular Pathology. Dr. Li is an internationally-recognized scientific investigator and has been appointed the inaugural Jay M. McDonald Professor in Bone Pathobiology. Dr. Jonas Almeida (The University of Texas MD Anderson Cancer Center) will join the Department of Pathology in January, 2011 as Professor and Director of the Division of Informatics. Dr.

Almeida is a leader in Bioinformatics and Health Informatics who has made major contributions to developing the computational and mathematical tools needed for identifying biomarkers and molecular targets for drug discovery. I welcome both of these accomplished individuals to UAB and the Department of Pathology.

The Molecular and Cellular Pathology graduate program was recently ranked in the top 15% of programs in its field by the National Research Council. This ranking was determined through a data based assessment of research doctorate programs in the United States. In addition, our program ranked third out of 78 programs for average number of publications per year per faculty member. This

is well deserved recognition of the outstanding faculty and students we have in the Department of Pathology.

Research funding in the Department of Pathology has shown significant growth over the last year, in part due to our successful efforts to obtain ARRA grant funding. Our NIH grant portfolio now exceeds \$17 million and total departmental grant support is approximately \$27 million. These figures are at or near record highs for the Department of Pathology and I commend our faculty, staff and students for their hard work.

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

### Pathology In Focus Editorial Committee

Editor-in-Chief:

C. Bruce Alexander, M.D.

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Dept. of Pathology Website:  
[www.path.uab.edu](http://www.path.uab.edu)

Newsletter E-Mail:  
[pathinfofocus@uab.edu](mailto:pathinfofocus@uab.edu)

## Faculty Profile: Jill Adamski, M.D.



Jill Adamski, M.D., Ph.D., is the newest faculty member in the Division of Laboratory Medicine. In the summer, she joined the Division as an Assistant Professor (tenure earning). She is a member of the Transfusion Medicine section, and she is actively involved in all aspects of the Transfusion Medicine Services at

UAB Hospital, UAB Highlands Hospital and the Birmingham Veterans Affairs Medical Center.

Jill completed her M.D., Ph.D. in the elite Medical Scientist Training Program at UAB. Her Ph.D. work, involving the regulation of major histocompatibility antigen (MHC) class II gene expression, was completed in the laboratory of Professor Etty (Tika) Benveniste, Chair of Cell Biology. Jill was also active in UAB student research activities, and she was elected President of

the Tinsley Harrison Research Society.

While completing her M.D., she was awarded the William Boyd Medal, UAB's highest award for academic achievement in Pathology. This award is sponsored by the Alabama Association of Pathologists.

She completed her residency in Clinical Pathology and a fellowship in Transfusion Medicine at the Hospital of the University of Pennsylvania, one of America's leading

## Faculty Profile: Jill Adamski, M.D. cont'd.

training programs. She is boarded in Clinical Pathology and Transfusion Medicine. During her residency, she was active in residency training oversight at University of Pennsylvania, having been a member of the Graduate Medical Education Committee, Treasurer of the House Staff Executive Committee, and an Evaluator for the ACGME Internal Review Committee at the Hospital of the University of Penn-

sylvania. She was also recognized for teaching of medical students and residents at the University of Pennsylvania-School of Medicine.

Jill has quickly gained the respect of her clinical colleagues, our residents, technologists, and UAB physicians. Once acclimatized to her new role, she will focus on clinical scholarship and medical education. Her training and experience are

ideally suited to building a productive academic career.

Jill is a native of Wyoming, and she received her B.S. degree from the University of Wyoming. Although a Westerner by birth, she is a converted Southerner, and we are glad to have her south of the Mason-Dixon Line. She and her husband, Greg Winters, live in Homewood.

## Faculty Profile: Yi-Ping Li, Ph.D.



The Division of Molecular and Cellular Pathology was most fortunate to recently recruit, Yi-Ping Li, Ph.D., Jay M. McDonald, M.D. Endowed Professor of Bone Biology and Senior Vice Director for the Center for Metabolic Bone Disease.

Dr. Li completed his undergraduate education at Zhejiang University, P.R.C. in 1979 and graduate training (Ph.D. in Molecular Genetics) in 1988, at the Shanghai Institute of Biochemistry. During that time he embraced the challenges of academic life with two academic appointments including an Assistant Professorship at the Shanghai Institute of Biochemistry. Between 1989 and 1990, Dr. Li was a Post-Doctoral Fellow in Molecular Biology at the Center for Biomedical Research, Rockefeller University, NY. He completed a second post-doctoral experience at the Forsyth Institute, Harvard University in 1993. Concomitantly, he was a

Staff Associate in the Department of Immunology at the same institution. For the last 20 years, Dr. Li has been a major contributor to the Harvard system. He advanced through the ranks, moving between the Departments of Cytokine Biology at the Forsyth and the Department of Developmental Biology at the Harvard School of Dental Medicine to, in 2007, being named a tenured Senior Member.

Dr. Li is perhaps best known for work he did with his mentor, Dr. P. Stashenko on the characterization of the osteoclast proton pump subunit ATP6i and on defining the importance of the protease cathepsin K in osteoclast function. He has continued his work in osteoclast biology focusing on its gene regulation and differentiation signaling pathways and on other subunits of the osteoclast proton pump. In order to carry out this work, his lab has created a large series of transgenic mice and other species. Additional studies performed in his laboratory have offered key insights into the molecular basis of bone formation and the importance of the gene

CNBP which regulates osteocalcin expression and is important in body part [head] formation in multiple animal models.

Dr. Li has continued to bolster the academic quality of the scholarly activities of his trainees. The careers trainees follow after leaving a researcher's laboratory is an important measure of the success of a mentor. Dr. Li's trainees have pursued academic careers at SUNY Buffalo, Medical College of Georgia, Boston University, UCSF, University of Florida and Harvard as well as returned to China and Japan, joining faculties there. He has been successful in building a world-class extramurally funded, peer-reviewed research program. It is evident that he provides high quality teaching to graduate students, post-doctoral fellows, and to his colleagues both within and outside his home institution. "We are extremely fortunate to have recruited him to UAB where I am confident he will further enhance an already highly academically productive career," stated Victor Darley-Usmar, Vice Chair of Research.

## Where are They Now?

### From the Pathology Residency Program



**Yara Park, M.D.**

Dr. Yara Park received her M.D. degree from the UAB School of Medicine in 2004. While in medical school, she completed a Post-Sophomore Fellowship in Pathology and also was inducted into Alpha Omega Alpha Honor Society. Dr. Park finished her residency training at UAB in June of 2007. In 2007-08, she completed a Transfusion Medicine Fellowship at the University of North Carolina, Chapel Hill. Dr. Park's favorite memories from her residency days

at UAB are attending Dr. Huang's Blood Bank lectures and going to the shooting range during her Forensics rotation.

Currently, Dr. Park is an Assistant Professor of Pathology at the University of North Carolina at Chapel Hill, where she is Medical Director of Therapeutic Apheresis, Director of the Hematopoietic Progenitor Cell Laboratory, and Associate Director of Transfusion Medicine at the McLendon Clinical Laboratories.

In 2008, Dr. Park was awarded "Best Abstract in Rheumatology" by the American Society for Apheresis. In addition to apheresis, her interests include HIV-associated thrombotic microan-

giopathy, therapeutic plasma exchange, and thrombotic thrombocytopenic purpura.

Dr. Park is a member of the American Society for Apheresis, where she is active on many committees. She is also a member of the American Society for Clinical Pathology, the College of American Pathologists, and the American Association of Blood Banks. Dr. Park lives in Chapel Hill, North Carolina, with her husband, Harry, and their two sons, two-year-old James and baby Andrew.

## Endowed Professorship in Bone Pathobiology Established:



Dr. Jay McDonald

The University of Alabama System Board of Trustees established the Jay M. McDonald, M.D. Endowed Professorship in Bone Pathology in the UAB Department of Pathology at its meeting on September 17, 2010. The endowment will provide for the recruitment and retention of a renowned faculty member with expertise in bone pathobiology who can contribute to and further the

department's efforts. The endowment is named in honor of McDonald, who served as department chair from 1990 to 2008.

The University of Alabama System Board of Trustees appointed Yi-Ping Li, Ph.D. to the Jay M. McDonald Endowed Professorship in Bone Pathology in the UAB Department of Pathology at its meeting on



September 17, 2010. Li received his doctorate in molecular genetics from the Shanghai Institute of Biochemistry at The Academy of Sciences in China. His research interests center on cellular and molecular mechanisms of bone resorption and formation, which has important implications for understanding and treating osteoporosis and other metabolic bone diseases.

—These stories were reprinted from the Media Relations website at UAB.

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The Jay M. McDonald, M.D. Endowed Professorship in Bone Pathology was recently established by the University of Alabama Board of Trustees

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## Farewell Dr. Shu T. Huang...

**Farewell Dr. Shu T. Huang...***By Marisa Marques, M.D.*

When Dr. Shu T. Huang arrived at UAB, I was in my first year of medical school, IBM introduced the 64,000-bit memory chip, and Louise Brown, the first test-tube baby, was born in England. At that time, Dr. Huang was also making history. He played a major role in persuading President Jimmy Carter to sign a bill giving American workers the option of retiring at age seventy rather than the traditional mandatory retirement age of sixty-five. Indeed, the bill was signed on April 6, 1978, just 5 days after he started working at UAB. And now, more than 3 decades later, Dr. Huang is retiring from UAB when he turns 70 on November 17.

For over 32 years, Dr. Huang has served the UAB community and worked diligently to provide high quality care to thousands of our patients.

He directed the Transfusion Service for 25 years and during this time he instituted numerous policies to ensure that every transfusion we delivered was safe and appropriate for our hospital patients. He modernized the Blood Bank practices by introducing the exclusive use of single-donor platelets, automation, universal leukoreduction, etc.

On December 19, 1980 (on the day my husband and I had our first date!), the first therapeutic apheresis procedure was performed at UAB under Dr. Huang's supervision. Dr. Huang satisfied his passion for patient care and his curiosity for machines while performing apheresis. He truly enjoys programming the instrument and changing operational settings to customize the procedure for each patient. Under his guidance the UAB Apheresis Service soon became recognized as a national leader for therapeutic apheresis. We are now a center of

reference for other apheresis practices, and physicians throughout the Southeast continually send their patients to UAB for apheresis treatment. Dr. Huang's clinical skills and impeccable bedside manners are certainly recognized by his patients who truly feel privileged to be cared for by such a "giant".

Dr. Huang has taught generations of pathologists and clinicians about the art and science of Transfusion Medicine. As a tribute to his role in education, the Pathology Residents' Award for Excellence in Laboratory Medicine Education has been named in his honor. Each rotating resident and fellow on the Transfusion Medicine service has felt the influence and positive impact of Dr. Huang's lessons on their future careers. And none of us will ever forget the surprised facial expressions he displayed whenever he discovered something amiss on the Transfusion Medicine service! We learned more than facts from Dr. Huang, through his example we were also taught compassion, professionalism, and respect for everyone.

I am so grateful that I had an opportunity to learn from and work with Dr. Huang for the past 16 years. His contributions to the UAB community and to the lives of his patients and colleagues are innumerable. We thank him from the bottom of our hearts. We are better people, better physicians and a better medical institution because of you, Dr. Huang!



## Accolades:

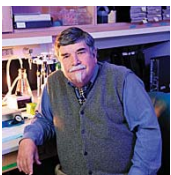


C. Bruce Alexander, M.D. was elected as the President Elect of the American Society of Clinical Pathology (ASCP).

speaker at the 8th Annual Conference of the Australian Biospecimens Network Association (ABNA) which will be held in Brisbane, Australia on December 2, 2010. He will speak on "Factors That Affect the Quality and Usefulness of Tissues in Biomedical Research".

search Conference on Thrombospondins and other Matricular Proteins for the 2013 meeting.

Dr. Murphy-Ullrich was also appointed to the JBC editorial board beginning July 1, 2010.



William E. Grizzle, M.D., Ph.D., a longtime member of the editorial board of *Clinical Cancer*

*Research*, a journal of the American Association for Cancer Research (AACR), has accepted an invitation to serve as a Senior Editor.

Dr. Grizzle (past president of the International Society of Biological and Environmental Repositories - ISBER), will be the plenary keynote



Jay M. McDonald, M.D., was awarded the 2010 Outstanding Lifetime Achievement Award in Clinical Chemistry and Laboratory

Medicine from the American Association for Clinical Chemistry.



Ralph Sander-son, Ph.D. was awarded (jointly with Dr. Israel Vlodavsky in Haifa, Israel) the Neufeld

Memorial Research Award given by the United States-Israel Binational Science Foundation. This award is given annually to the most outstanding and original Binational Science Foundation Supported project in the health sciences.



Joanne Murphy-Ullrich, Ph.D. was elected as the Co-

Chair of the FASEB Summer Re-

## Medical Director Evaluations:

### Dr. Marisa B. Marques:



vices, for her truly outstanding evaluation during FY10. Dr. Marques scored a perfect 100 in every category of the Hospital Medical Director's evaluation and won an award for one of her process improvement projects. She was the top rated Hospital Medical Director for FY10.

the Blood Bank/Transfusion Services, for being one of the four medical directors who had the most outstanding unit-based/area process improvement projects during FY10.

### Medical Director Evaluations – FY10 High Achievers

Congratulations to **Marisa Marques, MD**, Medical Director of the Blood Bank/Transfusion Ser-

### Award Winner for Process Improvement

Congratulations to **Marisa Marques, MD**, Medical Director of



## Pathology Book Review:



Dr. Margaret Brandwein-Gensler published her first single-authored text-book, "Head and

Neck: The Cambridge Illustrated Surgical Pathology Series". This book is intended to be a practical visual guide for surgical pathologists and residents. The following review, written by Dr Tim Helliwell, has been published in The Bulletin of The Royal College of Pathologists; 2010; 152: 208.

### Head and Neck: The Cambridge Illustrated Surgical Pathology Series

Margaret Brandwein-Gensler;  
Cambridge University Press,  
2010 £95 (\$159), 630 pp  
ISBN 978 0 521 87999 6

This book provides a practical guide to the diagnostic histopathology of the head and neck. As befits a publication in this series, the aim is to provide a balance between adequately informative text and an abundance of figures that will assist the surgical pathologist in arriving at the correct 'diagnostic section' of the book, refining their differential diagnosis and avoiding the more obvious pitfalls in arriving at a precise diagnosis for a particular specimen. The book undoubtedly succeeds in this aim and is a tribute to the experience of the author.

The book is organized in a traditional manner, which chapters

covering inflammatory, benign and malignant diseases of the glands, jaws and bones. There is an excellent and informative mixture of clinical photographs and imaging studies, as well as macroscopic, histological and cytological illustrations of all common and most of the uncommon entities that might be encountered by head and neck surgeons and hence find their way to the laboratory.

Minor criticisms of what is a remarkably practical book are variations in colour balance between figures (which do not interfere with the diagnostic appreciation of the subject matter) and the tendency, in some places, for the text to be dislocated from the accompanying figures, particularly where several figures illustrate a specific entity. The bibliography for each chapter is restricted to key references, which may be difficult to identify as they are not cited in the text.

The authoritative approach to diagnosis will be of value to both trainees and more experienced pathologists, although some readers may wish to consult more expansive texts to discover more detailed information on the conditions described. The book compares favourably with other recently published texts on head and neck pathology and fits in well between the more succinct volumes by Cardesa et al (*Pathology of the Head and Neck*, Springer-Verlag, 2006) and Thompson (*Head and Neck Pathology*, Elsevier,

2006), and the less well-illustrated but more heavily referenced text edited by Gnepp (*Diagnostic Surgical Pathology of the Head and Neck*, Saunders, 2009), which have been reviewed in previous *Bulletins*. Each of these books deserves a place on the shelves of a laboratory in order to benefit from the vast experience of the contributing authors. Personal preference will determine whether, in everyday life, one opts for the more pictorial or more text-based assistance on offer.

Dr. Tim Helliwell

Consultant Histopathologist  
Div. of Pathology, Univ. of Liverpool

## From the Chief Residents:

### From the Chief Residents

Recruiting season for next year's resident class is underway. Interviews began in late October and will run through December.

Thanks to all the residents who volunteered to take the applicants to breakfast and lunch. Please help us over the next few months in making the applicants feel welcome during their visit to UAB.

**Darrell Sanders and Marian Kraemer**  
Chief Residents, 2010-2011

### Adams Grant

Residents remain very active in research at UAB, thanks to the funding provided by the Adams Grant. Listed below are resident recipients from this year.

**Qian Dai** with faculty mentor Dr. Ren

"Diagnostic utility of NPMc+ in acute myeloid leukemia"

**Amberly Nunez** with faculty mentor Dr. D. Jhala

"FISH analysis of EUS-FNAB specimens to aid in the diagnosis of seep-seated Lymphoma"

**Shuting Bai** with faculty mentor Dr. N. Jhala

"Characterization of the function of regulatory T-cells and mast cells in lymphocytic colitis and collagenous colitis"

**John Ross** with faculty mentor Dr. Hameed

Goal: To evaluate the indications and the diagnostic utility of the CK5/14/p63/CK7/18 antibody cocktail as used at UAB since it

became available (April 2009). Additionally, to determine the benefit, if any, of this antibody cocktail compared to using p63 alone.

**Thuy Nguyen** with faculty mentor Dr. Wei  
"Characterization of breast cancer bone metastasis"

**Rong Li** with faculty mentor Dr. DeVilliers

Goal: Investigate the mechanisms of the Hedgehog pathway proteins in adamantinomatous cranio-pharyngiomas (ACPs). The long term goal is to apply a biological therapeutic approach by targeting the Hedgehog pathway.

**Ginny Dailey** with faculty mentor Dr. Brandwein-Gensler  
"Mathematical modeling to classify tumor pattern of invasion: A feasibility study"

### Mock Laboratory Inspection

During October, residents participated in a mock inspection of the UAB laboratories. Residents were paired with a laboratory technologist to inspect the labs and then presented their findings at the summation conference on November 1<sup>st</sup>. This mock inspection was held prior to the actual unannounced CAP inspection, which will occur sometime between November and February.

### Farewell

The residents wished **Jose Lima** farewell at a surprise party on October 27<sup>th</sup>. Jose is leaving UAB to become medical director of the American Red Cross Blood Services, Southeast Division-Southern

Region in Douglasville, GA. Best of luck Jose!

### Committees

**Amy Treece** attended the ASCP meeting October 27-31 in San Francisco as the ASCP resident representative. **Thuy Nguyen** attended the Residents' Forum at the CAP meeting September 26-29 in Chicago, IL.

### Congratulations to...

...the following former residents who passed their boards: **Jeremy Henderson** passed hematopathology boards, **Diane Peterson** passed forensics boards, and **Shaoying Li** passed AP/CP boards.

### Resident Socials

The residents continue to meet every other month for a resident social. The first social was a BBQ at **John Ross'** house in July and the second social was at Habaneros Mexican Restaurant in September



Cookie cake from our BBQ resident social.



Residents after Mock Lab Self-Inspection Summation

## From the Graduate Students:

### Awards/Accolades:

Angelina Londono Joshi was selected to the Associate Member Council for the AACR. She also received a Predoctoral Traineeship Award from DOD Breast Cancer Research Program.

Angela Gullard was awarded a Young Investigator Travel Award for the 10th International Conference on the Chemistry and Biology of Mineralized Tissues, to be held Nov. 7-12, 2010, in Scottsdale, Arizona. Her abstract entitled "Dental Alterations Associated with Camurati-Engelmann Disease" was selected for an oral presentation at this meeting.

Junghyun Kim received 3rd Place. The best poster presentation award, 21th annual vascular Biology and Hypertension Symposium, 9/14/2010.

Leah Cook has been accepted into the Cancer Prevention and Control Training Program in August. A T32 fellowship that will supply Leah's stipend, fund, and travel money.

Erin McCoy received a Predoctoral Traineeship Award from DOD Breast Cancer Research Program. She also was awarded a Path Travel Grant to present "Potential Role of CD68 in breast cancer bone metastasis" at ASBMR (American Society for Bone and Mineral Research) in Toronto Oct 15-19th.

Tara Edmonds was selected to attend the Fifth Annual NIH National Graduate Student Research

Festival.

Ashlee N. Higdon received travel awards from the Center for Free Radical Biology and Department of Pathology. Both awards are to present at the Society for Free Radical Biology and Medicine (SFRBM) in Orlando, FL in November of this year. Her abstract is entitled "Bioenergetic Dysfunction in Endothelial Cells Precedes Cell Death due to Hemin: Implications for Hemolytic Anemias".

Joseph Daft attended the Microbes and Mucosal Immunity (MMI) conference and the Gastrointestinal Response to Injury (GIRI) conference. Topics discussed at the conferences included: bacterial-epithelial interaction, regulators and effectors of gut inflammation, and microbial and host mediators of repair and disease. On September 29, he presented a poster entitled, "Intestinal barrier function and susceptibility to diabetes in the NOD mouse." This conference strengthened his general knowledge of gut physiology and provided him with many ideas for new approaches to his current research.

### Publications/Presentations:

Angela Gullard was selected for an oral presentation at the 2010 International Conference on the Chemistry and Biology of Mineralized Tissues (ICCBMT), to be held in November in Carefree, Arizona. Her abstract was entitled "Dental Alterations Associated with Camurati-Engelmann Disease" For this same meeting, she

also received a Young Investigator Travel Award.

In October, Angela represented UAB School of Dentistry in the 2010 American Dental Association/ Dentistry Student Clinician Research Program, at the ADA Annual Session in Orlando, FL. Her poster was entitled "Dental Alterations Associated with Camurati-Engelmann Disease."

Junghyun Kim— Bolisetty S, Traylor AM, Kim J, Joseph R, Ricart K, Landar A, Agarwal A.: Heme oxygenase-1 inhibits renal tubular macroautophagy in acute kidney injury. *J Am Soc Nephrol*. 2010 Oct;21(10):1702-12. Epub 2010 Aug 12.

Jason Waid Ashley—Jason W Ashley, Erin M McCoy, Daniel A Clements, Zhenqi Shi, Taosheng Chen, Xu Feng. Development of Cell-Based High-Throughput Assays for the Identification of Inhibitors of Receptor Activator of Nuclear Factor-Kappa B Signaling. *Assay and Drug Development Technologies*. In Press.

Jason presented this paper at the "Osteoporosis in Rheumatic Diseases" working group at the ASBMR 2010 Annual Meeting, held October 15-19, 2010, in Toronto, Ontario, Canada.

Tara Edmonds—Publication: Tara G. Edmonds, Haitao Ding, Xing Yuan, Qing Wei, Kendra S. Smith, Joan A. Conway, Lindsay Wiecsorek, Bruce Brown, Victoria Polonis, John T. West, David C. Montefiori, John C. Kappes and Christina Och-



## From the Graduate Students cont'd...

senbauer. "Replication competent molecular clones of HIV-1 expressing *Renilla* luciferase facilitate the analysis of antibody inhibition in PBMC". *Virology* 2010. In press.

Tara also has been invited to give an oral presentation entitled "Comparative analysis of transmitted/founder virus infectivity in macrophages derived from blood and vaginal tissue" at the CHAVI 6th Annual Retreat.

Jonathan Hensel—Jonathan A. Hensel, Diptiman Chanda, Sanjay Kumar, Anandi Sawant, William E. Grizzle, Gene P. Siegal and Selvarangan Ponnazhagan. LL-37 as a therapeutic target for late stage prostate cancer. *Prostate*. In Press.

Colin Reily—Reily C, Chaco B, Srivastava A, Johnson MS, Ulasova E, Agarwal A, Zinn K, Murphy MP, Kalyanaraman B, Darley-Usmar V. "Prevention of diabetic nephropathy in *Ins2+/-*-AkitaJ mice by the mitochondria-targeted therapy Mito Q." *Biochem J* 2010 Sept 8.

Scott Tanner—"The Role of Postnatal Acquisition of the Intestinal Microbiome in the Early Development of Immune Function" *Journal of Pediatric Gastroenterology and Nutrition*, Volume 51, Issue 3

Scott is also presenting a poster entitled "Altered intestinal homing molecule expression prevents effective regulatory T cell trafficking in the FVB.mdr1a-/- model of colitis" at Immunology 2010, Baltimore, MD; May 7-11, 2010.

### General News:

Pathology Graduate Student Research Day:

Poster Presentation Awards

1<sup>st</sup> Erin McCoy

2<sup>nd</sup> Michael Alberti

3<sup>rd</sup> Joseph Daft

Oral Presentation Award

1<sup>st</sup> Jason Ashley

Guest Speaker: Previous UAB Graduate and Center for Metabolic Bone Disease Student, Valerie Meyers, PhD, DABT. Dr. Meyers is employed at National Aeronautics and Space Administration, Johnson Space Center, Houston, TX as a Scientist.

### Graduate Program Director:

Rakesh Patel, Ph.D.

### Graduate Program Support:

Nicole Newton

934-2445



## Spotlight on Administration: Janice Bowlen



Ms. Janice Bowlen is an OAI in the Department of Pathology, Division of Anatomic Pathology.

She provides support for six faculty members with a wide range of duties, from ordering supplies to helping prepare grants.

Janice began her career at UAB in 1986 in the Hospital Business Office. Next, she joined the Department of Physician Relations where she was the 'database person' for the department along with providing support for the R.N.s who were liaisons between UAB

Hospital and the referring physicians outside UAB, a significant source of the patient base at the Hospital.

She had the opportunity to work for the Division of Molecular and Cellular Pathology for one year, where she learned some of the unique facets of the laboratory world. "I was first exposed to grants back then, when they were 'mounds of paperwork'. I had told myself I would never do grants again."

After joining Anatomic Pathology, she was introduced to the new electronic grant world, and has come to truly enjoy being a part of the process. "It is very rewarding when a faculty member you've worked with on a

grant receives funding!" Being a support person is also very rewarding for Janice. "I believe that we should grow to the fullest in who we truly are. I am very capable of taking the lead when needed, but I am most comfortable in being a team player and supporting the individuals who make Anatomic Pathology an outstanding place".

Janice has three children, two grown sons and a daughter still in college, who are her 'pride and joy'. She inherited an older home in the city and delights in making it her own. She lives with her dog and a menagerie of kitties.

## Pathology Grant Awards

The following grants were recently awarded to pathology faculty:

### LEONA COUNCIL

UAB Minority Health & Health Disparities Research Center  
*Chronic HCV Liver Disease and Hepatocellular Carcinoma in African Americans*

\$60,000 10/01/2010-09/30/11

### WILLIAM GRIZZLE

DOO  
*Biomarkers in the Detection of Prostate Cancer in African Americans*

\$183,125 09/01/10-08/31/11

### WILLIAM GRIZZLE

NIH  
*UAB/UMN SPQRE in Pancreatic Cancer (Core B—Tissue Core)*

\$183,622 07/01/10-06/30/11

### HIROMI KUBAGAWA

NIH/NIAID (ARRA)  
*Studies and Structure of an Fc Receptor for IgM*

\$349,231 08/01/10-07/31/11

### HIROMI KUBAGAWA

NIH/NIAID (ARRA Admin Suppl)  
*Studies of Paired Immunoglobulin-Like Receptors*

\$201,173 08/09/10-05/31/11

### ROBINNA LORENZ

NIH  
*Medical Scientist Training Program*

\$41,209 07/01/10-06/30/15

### JOSEPH MESSINA

VA  
*Trauma and Hemorrhage-Induced Skeletal Muscle Insulin Resistance*

\$261,129 08/01/10-07/31/11

### MOON NAHM

NIH/NIAID  
*Bacterial Respiratory Pathogens Reference Laboratory Support*

\$1,062,781 06/30/10-12/31/11

### KEVIN ROTH

NIH/NINDS (ARRA)  
*Alabama Neuroscience Blueprint Core Center*

\$1,044,000 09/01/10-08/31/11

### RALPH SANDERSON

US-Israeli Binational Science Foundation  
*Novel Heparanase Inhibitors for Myeloma Treatment: Basic Aspects and Clinical Significance*

\$25,000 10/01/10-09/30/11

### CASEY WEAVER

NIH/NIDDK  
*Innate and Adaptive Microbial Immunity in BID (PPG Project 3)*

\$320,485 08/01/10-7/31/15

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](mailto:pathinfocus@uab.edu).

Thank you.

## Pathology Grant Awards Cont'd:

### DANNY WELCH

Susan G. Komen Foundation

*Regulation of Metastasis by Mitochondrial DNA*

\$250,000 07/01/10-06/30/11

### JIANHUA ZHANG

VA

*VA-IPA Xiaosen Ouyang*

\$60,815 08/02/10-07/31/11

### JIANHUA ZHANG

VA

*Novel Mechanism of Neuroprotection Against Neurotoxins*

\$200,000 08/02/10-07/31/11

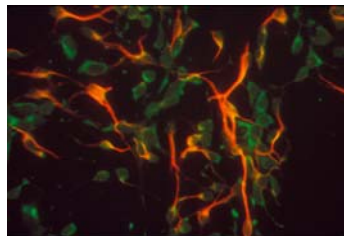
## A Call for Images:

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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](mailto:pathinfocus@uab.edu).

Thank you.

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The Department is looking for pathology images for use on the UAB Pathology website. These can be images of lab personnel, graduate students, faculty awards presentations, or tissue staining. The

images will be rotated into a banner at the top of the website, and will change periodically. These images should be of high quality and in jpeg format. Please send the images to Angie Schmeckebier at [alsqigi@uab.edu](mailto:alsqigi@uab.edu). If you have any questions, please feel free to call her at 934-4558.