

Message from the Chair:



Our department is large and diverse but one characteristic that we should all share regardless of division-

al affiliation is an appreciation for excellent science, whether it be basic, translational and/or clinical in nature. One way to be exposed to excellent science on a regular basis is to attend the weekly Molecular and Cellular Pathology Seminar Series held on Tuesday's from noon to 1:00 PM in either the Finley Conference Center in Kaul 230 or in Room 101 of the Wallace Tumor Institute (check the weekly schedule for seminar locations). This series focuses on the molecular mechanisms of disease pathogenesis and features departmental, institutional and external invited speakers. Dr. Selvarangan Ponnazhagan (Pons) has served as

the organizer of this seminar for over ten years and in my opinion, has made this series the best organized and most scientifically exciting seminar series on campus. Although sponsored by the Molecular and Cellular Pathology Division, faculty from all Divisions in our Department should make an effort to attend and to encourage graduate students, residents, fellows and research staff to also attend. One hour of CME credit is available for physicians for each seminar attended.

One strength of our discipline is its ability to extend basic science discoveries into meaningful clinical advances in disease classification and treatment. To accomplish this translational goal, faculty in both our clinical and basic research oriented divisions need to know each other, converse, and conduct collaborative re-

search in areas of mutual interest. I have observed such faculty collaborations emerge from joint attendance at the Molecular and Cellular Pathology Seminar Series and I hope that it becomes more routine. I appreciate that everyone is busy and it can be a challenge to carve an hour out of your Tuesday to attend a seminar that may not be directly related to your clinical or research interests. However, as a regular attendee of the seminar series for over ten years, I have benefited tremendously from my exposure to the broad array of scientific topics, experimental techniques and research strategies presented by the speakers. I thank those of you who have routinely attended this year's series and encourage everyone to make an effort to attend future seminars.

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

Inside this issue:

Faculty Profile—Wei	2
Kubagawa to Retire	2-3
Accolades	3
Faculty Profile—Dye	4
New Endowed Lecture	5
New Pathology Faculty	5
From the Chief Residents	6-7
From the Graduate Students	8-9
Staff Spotlight	10
Pathology Publications/Presentations	10
Pathology Grants Awarded	11
Funds Solicitation	12-13

Pathology In Focus Editorial Team

Editor-in-Chief:

C. Bruce Alexander, M.D.

Committee:

R. Pat Bucy, M.D., Ph.D.

Rakesh Patel, Ph.D.

Walter C. Bell, M.D.

William Benjamin, M.D.

Majd Zayzafoon, M.D., Ph.D.

Angie Schmeckebier

Dept. of Pathology Website:

www.uab.edu/medicine/pathology

Newsletter E-Mail:

pathinfofocus@uab.edu

Faculty Profile: Shi Wei, M.D., Ph.D.



Dr. Wei obtained his M.D. from China Medical University (Shenyang, China), followed by

his first residency training as a pediatrician in Beijing. He then attended Okayama University School of Medicine in Japan to pursue a career in research and academics. He received his Ph.D. there under the supervision of Dr. Yoshiki Seino. This

work focused on the mechanisms of pediatric metabolic bone diseases.

In 1998, he joined Dr. Steven Teitelbaum's Laboratory at Washington University School of Medicine, St. Louis, as a post-doctoral fellow to study the molecular mechanism of osteoclastogenesis and inflammatory bone loss. His expertise in the area of bone biology has been demonstrated by more than 20 peer-reviewed manuscripts, including those published in *J Clin Invest*, *J Immunol* and *J Biol*

Chem. In 2004, he began his second residency, training in Anatomic and Clinical Pathology at UAB, followed by a surgical pathology fellowship. During his residency, he received the Arthur Purdy Stout Society of Surgical Pathologists Stipend Award, and perused additional study of Soft Tissue Pathology with Dr. Sharon Weiss at Emory University. He also received the Roger Denio Baker Award, which is given annually to the most outstanding trainee in Anatomical Pathology. He obtained

Cont'd...

Faculty Profile: Shi Wei, M.D., Ph.D. Cont'd..

additional training in Breast Pathology at the Mount Sinai Hospital in New York and the Beth Israel Deaconess Medical Center, Harvard Medical School. Dr. Wei is board certified in Anatomic and Clinical Pathology. He joined the faculty at UAB in July, 2009 as an Assistant Professor and is currently a tenured Associate Professor. Dr. Wei is actively engaged on the diagnostic surgical pathology service and has special clinical interests in breast, genitourinary and musculoskeletal pathology. Despite a busy clinical service, Dr. Wei's major research interests include discovery and evaluation

of biomarkers in breast cancer and other malignancies, and tumor bone metastasis. At UAB, Dr. Wei has published more than 40 manuscripts in these areas in some of the leading peer-reviewed journals, including *JAMA*, *Hum Pathol*, and *Clin Breast Cancer*. He also edited two books in bone pathology and is currently editing two books in breast pathology. In addition, he has authored 5 monograph chapters on bone pathology and molecular pathology.

Dr. Wei enjoys resident education and is the recipient of the Leonard H. Robinson Award for

Excellence in Resident Education in Anatomic Pathology in 2011-2012 and 2013-2014 academic years. Dr. Wei also serves as the Medical Director of the Immunohistochemistry Laboratory of UAB Hospital, and co-directs the Histomorphometry & Molecular Analysis Core at UAB.

Outside of work, Dr. Wei cherishes his time with his family and enjoys traveling, TV dramas, southern culture and outdoor activities. His wife Mei also works at UAB. They have two children, Johnny is attending Vanderbilt University School of Medicine and Erica is a junior high-schooler.

Dr. Hiromi Kubagawa to Retire...



Dr. Hiromi Kubagawa, MD. will be retiring in January 2015 after a 38-year career at

UAB. After finishing five years of pathology training under the late Prof. Yoshihiro Hamashima in Japan, he moved to the USA to pursue his overseas research training in hematopoietic cell differentiation and joined the laboratory of Prof. Max Cooper as a research associate in October, 1976.

His initial project was to determine the extent of clonal involvement in multiple myeloma

using antibodies specific for individual myeloma proteins, called anti-idiotypic antibodies. He and his colleagues then extended this analysis to other B cell malignancies (acute and chronic lymphocytic leukemia, Waldenström's macroglobulinemia, follicular lymphoma), thereby establishing that there was expansion of both pre- and post-neoplastic clones. During this study, they also found peripheral blood monocytes expressing a receptor for IgA, which turned out to be another important part of his career; namely, the first definitive demonstration of the cellular distribution and biochemical nature of the IgA Fc receptor (FcαR). After spending one year at the laboratory of

Prof. Martin Weigert in Fox Chase Cancer Center in Philadelphia in 1986-87, his research activities were greatly improved by inclusion of molecular biological approaches. These were first employed in the analysis of immunoglobulin (Ig) gene configuration and expression in human precursor B cells transformed by Epstein-Barr virus. Ig light chain expression could occur before Ig heavy chain gene rearrangements, contrary to the central dogma at that time of the order of Ig gene rearrangement: heavy - then light-chains. Next, while searching for a mouse FcαR gene, his group serendipitously discovered paired Ig-like receptors of activating (PIR-A) and inhibitory (PIR-B) types expressed by B lymphocytes and

Cont'd...

Dr. Hiromi Kubagawa to Retire Con'td...

and myeloid cells on the basis of their limited homology to human Fc α R. [Subsequently, it was shown that mice, unlike humans, do not have an Fc α R gene.] Finally, his group identified the long-elusive IgM Fc receptor (Fc μ R) gene in 2009 and defined its biochemical nature, cellular distribution and function in both humans and mice. Although his laboratory closed in September, 2014, he continued to explore other opportunities. Dr. Kubagawa will be moving to Berlin in January of 2015 as senior guest scientist at the Deutsches Rheuma-Forschungszentrum (DRFZ) and will continue his research for next three years under Dr. Andreas Radbruch, scientific director of the institute. He will explore the role of Fc μ R in autoimmune disorders along with the experts at the DRFZ and plans to live

alone in Berlin. This is indeed exciting but he considers this will be a big challenge; "he has to: learn German, handle checks or credit card expenses through banks, live alone and keep good health in Berlin, a cold city especially in winter compared to Birmingham, Philadelphia, Tokyo or Kyoto". Apart from these concerns, however, this will definitely provide him an excellent opportunity to become acquainted with many German people and to learn their life style/customs, the German culture, music and art, in addition to learning science from them. Particularly, he can enjoy the performance of the Berlin Philharmonic Orchestra and German food. His wife Yoshiki will periodically visit Berlin. In Berlin, unlike here where he drove a car daily to work, he will have to walk to the lab and this

should turn out to be very good for his health. He is now contemplating on how his research activity will end, just like the last musical note of a symphony!

Dr. Kubagawa is expressing gratitude and being fortunate in conducting the above research projects and greatly appreciates his respected mentors and valuable colleagues/friends for their guidance, help, support and friendship. He really appreciates the Pathology department staff for supporting research activity at UAB and looks forward to the further development and national excellence of the Pathology Department under Prof. Kevin Roth.

Accolades:



Dr. C. Bruce Alexander was reappointed to the National Resident

Matching Program (NRMP) Board for another 4 year term.

Dr. Vishnu C. Ramani received the John R. Durant Award for Excellence in Cancer Research—Junior Faculty Catego-

ry—2nd Place at the 17th Annual Research Retreat and Research Competition from the UAB Comprehensive Cancer Center.



Dr. Jianhua Zhang was elected to the Council for the Society for Free Radical Biology and

Medicine (SFRBM).



Dr. Lalita Shevde-Samant has been invited to serve on the 2015

AACR Annual Meeting Program Committee to contribute towards developing a multidisciplinary program for the annual international meeting in Philadelphia in April 2015.

Faculty Profile: Daniel Dye, M.D.

Dr. Daniel W. Dye joined the UAB Department of Pathology, Division of Forensics this past August. Dr. Dye hails from the land-locked state of Arkansas where he received his medical degree in 2003 from the University of Arkansas for Medical Sciences (UAMS). Dr. Dye also received his AP/CP training at UAMS and stayed an additional year to complete a Surgical Pathology Fellowship in 2008. At that point, his life, his transcript, and his overall appearance seemed rather inbred. Therefore, in the summer of 2008 Dr. Dye came to Birmingham, Alabama, to work as the Forensic Pathology Fellow at the Jefferson County Coroner/Medical Examiner Office. That one year was truly a game changer. Dr. Dye met such personalities as Dr. Andy Robinson and Dr. Bruce Alexander. In addition, he developed a love of Zydeco, trail runs at Oak Mountain, and Hot and Hot Fish Club. At the end of his tour of duty in Birmingham, he returned to Little Rock, Arkansas, as an Associate Medical Examiner at the Arkansas State Crime Laboratory. He served at the State Crime Lab for the next five years and worked to start a Forensic Pathology Fellowship Program at the State Crime Lab with the help of UAMS. During that time, he served as an Instructor in the UAMS Department of Pathology and was promoted to Assistant Professor. Though his appointments were "part-time" positions, he longed to return to a tenure track position in an academic medical school.

An aside is appropriate at this juncture. During those five

years in Arkansas, Dr. Dye and his wife Candice, a very intelligent and attractive Pediatrician, procreated...twice! The first child is Annabelle, named for Dr. Dye's grandmother and matriarch of the Dye family. Annabelle somehow inherited her great grandmother's charisma as she is the life of every party she's ever attended, and with the help of her band of 3 year old cronies, has managed to all but take over the South Wing at Our Lady of Sorrows Daycare in Homewood. The second child is Caroline. Caroline is a kinder gentler soul, whose ability to roll with the punches (most of which come from Annabelle) has influenced us to fast track her canonization when the proper time arrives. In other words, Annabelle is her father's child: A small human who never stops talking, thinking, wanting to "Go Fast" in daddy's truck, or just RUN. All of this takes place as Caroline sits and watches, with very little amusement, and sometimes boredom that puts her to sleep. After much discussion, and concern for what a third child might be like, the Doctors Dye elected to call it quits on procreation, and so the die was cast: Dan's life will forever be ruled by women.

Even though Dr. Dye and his girls were very happy in Arkansas, the rolling hills of Central Alabama and the thought of rivers that flow primarily to the West intrigued him. So in 2013, when he learned of Dr. Gregory G. Davis assuming the role of Chief of the Forensic Division at UAB, the possibility of returning to Birmingham had to be pursued. Unfortunately, Dr. Davis' rise to Chief

was hastened by Dr. Brissie's untimely death in 2013. Nevertheless, Dr. Davis' vision for the office included a hyperactive boy from Arkansas, who enjoys performing autopsies, being Director of a Forensic Pathology Fellowship program, publishing research, drinking craft brewed beers, running, listening to great music, catching fish and releasing them into hot grease, and working for Jefferson County Alabama and UAB.



Dan Dye running the Sylamore 25K

New Endowed Lectureship...



On the afternoon of Wednesday, December 10, 2014, the UAB faculty, house-

staff, graduate students and post-doctoral fellows will have the opportunity to honor the memory of Dr. Jay Listinsky when Dr. Linda Hsieh-Wilson, Professor of Chemistry at the California Institute of Technology and a Howard Hughes Medical Institute Investigator presents the Inaugural John Jay Listinsky Endowed Lecture in Glycobiology in the Department of Pathology. The title of

her lecture is Carbohydrate Signaling in Neurobiology and Cancer.

Dr. Listinsky, an Adjunct Associate Professor of Pathology at UAB at the time of his untimely death in 2012 originally trained as a diagnostic radiologist but had a decades long interest in fucosylated molecules and their overlapping physiologic properties. He collaborated with investigators in the Division of Anatomic Pathology for many years which generated a number of novel manuscripts which added important data to the knowledge base of glycobiology. To further this work, his family, friends and colleagues, spearheaded by his wife Cathy,

a distinguished Pathologist in her own right and former member of the Department, endowed this lectureship for future generations. The lecture is scheduled for 2 P.M. and is open to the public and as per Dr. Listinsky's request - donuts will be served.

New Pathology Faculty This Year...

We have recruited a number of new faculty to the Department of Pathology this year. They are listed below with their specialty. Let's welcome them to the Department!

Molecular & Cellular Pathology

Dr. Craig Maynard—study of innate, adaptive and regulatory immune responses to intestinal microbiota

Dr. Vishnu Ramani—molecular mechanisms underlying the pathophysiology of cancer development.

Anatomic Pathology

Dr. Rong Guo—molecular/surgery pathology

Dr. Todd Stevens—surgical pathology/renal pathology

Dr. Frida Rosenblum—Cytopathology/Renal pathology

Dr. Esther Suswam— identifying and validating molecular markers of cancer risk, progression and outcomes

From the Chief Residents:

From the Chief Residents

Congratulations to our residents for having such productive and successful meeting attendance both nationally and locally! We continue to uphold the UAB tradition of academic excellence. Fall recruitment has begun and we hope to bring in yet another year of great residents!

Jason Brazelton and Matt Cain
Chief Residents, 2014-2015

Congratulations!

National Meetings, Presentations, and Awards

College of American Pathologists

September 7-10, 2014 in Chicago, IL

Dr. Abha Soni presented a poster presentation titled *"Follicular Center Cell Lymphoma Arising in Warthin's Tumor: A case report"* with faculty mentor Dr. Peker.

Dr. Matt Cain presented a poster presentation titled *"Initial Presentation of HIV/AIDS: Rectal Mass"* with Dr. Dara Wakefield and faculty mentor Dr. Reddy.

American Society for Clinical Pathology

October 10-12, 2014 in Tampa, FL

Dr. Yaolin Zhou presented three poster presentations: *"Ultrastructural Study of Hybrid Oncocytic/Chromophobe Tumor in Birt-Hogg-Dube Syndrome"* with faculty mentor Dr. Shen, *"Multifocal Epithelioid*

Hemangioma of the Penis" with faculty mentors Drs. McKay and Shen, and *"Metastatic Oligodendroglioma in a Patient with No Surgical Treatment"* with faculty mentor Dr. Reddy.

Dr. Xiaoyan Cui presented a poster presentation titled *"Carcinoma in Situ involving sclerosing adenosis: seeking the salient histologic characteristics to prevent overdiagnosis"* with faculty mentor Dr. Wei.

Dr. Ruby Ma presented two poster presentations: *"Reduction of E-cadherin and Aberrant Expression of β -catenin are Associated with Metastasis in Signet-Ring Cell Carcinoma (SRCC) of Various Organ Systems"* with Dr. Zhiyong Ren and faculty mentors Drs. Conner, Siegal, and Wei, and *"Solitary, Adult-onset, Intraosseous Myofibroma of the Finger: Report of a Case"* with faculty mentors Drs. Siegal and Wei.

Dr. Abha Soni presented two poster presentations: *"Extramedullary blast crisis in chronic myelogenous leukemia. A case series of unusual clinicopathological features"* with Dr. Taylor Deal and faculty mentor Dr. Peker, and *"Esophageal Adenosquamous Carcinoma and VACTERL Association: A Case Report"* with faculty mentor Dr. Reilly.

Association for Molecular Pathology

November 12-15, 2014 in National Harbor, MD

Dr. Yaolin Zhou will present a poster presentation titled *"Validation of Cytochrome*

P450 (CYP) 2C10 Genotype Testing for Antiplatelet Therapy" with faculty mentor Dr. Harada.

American Society of Dermopathology

November 6-9, 2014 in Chicago, IL

Dr. Vishwas Parekh presented an oral presentation titled *"Therapy-related leukemia cutis is associated with poorer clinical outcome"* with Dr. Taylor Deal and faculty mentors Drs. McKay and Peker. Dr. Parekh also presented three additional poster presentations.

Dr. Abha Soni presented an oral presentation titled *"Incidental Finding of Scurvy in the setting of leukocytoclastic vasculitis"* with Dr. Charlie Knapp and faculty mentor Dr. McKay, and a poster presentation titled *"Zosteriform Palisading Encapsulated Neuroma: A second report of a rare tumor with discussion of nomenclature"* with Dr. Alex Wang and faculty mentor Dr. McKay.

Recent Publications

Dr. Vishwas Parekh published *"Clinicopathological and molecular features of myeloid sarcoma as initial presentation of therapy-related myeloid neoplasms: A single institution experience"* in the International Journal of Hematology with Pathology faculty mentors Drs. Peker, Harada, and Reddy.

Dr. Vishwas Parekh published *"L-2-Hydroxyglutarate: An Epigenetic Modifier and Putative*

Cont'd....

Residency Program Director:

C. Bruce Alexander, M.D.

Residency Program Support:

Karen Lewis
934-4060

From the Chief Residents Cont'd....

Oncometabolite in Renal Cancer" in the Journal of Cancer Discovery with faculty mentor Dr. Wei.

Dr. Xiaoyan Cui recently had a manuscript titled "*Composite Encapsulated Papillary Carcinoma and Solid Papillary Carcinoma*" accepted for publication in Pathology International with faculty mentor Dr. Wei.

UAB Pathology Trainee Research Day
October 10, 2014

Dr. Xiaoyan Cui received the Outstanding Research Presentation Award for her oral presentation titled "*High FANCD2 is protective for patients with oropharyngeal carcinomas*" with faculty mentor Dr. Brandwein-Gensler.

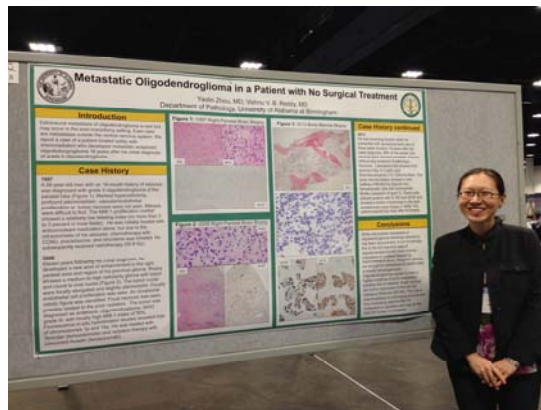
Dr. Brandi McCleskey presented "*GATA-3 has prognostic value in advanced breast cancer*" with faculty mentors Drs. Siegal and Wei.

Dr. Alex Feldman presented a poster titled "*PEIR-VM: A Universal, Open Standards, Web 2.0 Whole Slide Imaging Repository*" with faculty mentor Dr. Park.

Dr. Abha Soni presented a poster titled "*Breast cancer subtypes predispose the site of distant metastases*" with Dr. Zhiyong Ren and faculty mentors Drs. Siegal and Wei.

Additional Recognition

Dr. Yaolin Zhou was one of eight UAB residents selected as a 2014-2015 UAB Chief Quality Resident.



Resident **Yaolin Zhou** presenting one of her three poster presentations at the American Society for



Residents **Briana Gibson, Katie Tumminello, Abha Soni, Joseph Drwiega and his wife Rehka, Jason Wicker (fellow), Jessica Tracht, and Gabe Koenig** gather to celebrate Halloween.

From the Graduate Students...

Graduate Program Director:

Rakesh Patel, Ph.D.

Graduate Program Support:

Cynthia Brown
934-2848
cinbrown@uab.edu

Accolades/Awards:

Melissa Sammy— received the Center for Free Radical Biology Travel Award, the Department of Pathology Travel Award and the Society for Free Radical Biology and Medicine Travel award and was selected for an oral presentation at the 2014 21st Annual Meeting of the Society for Free Radical Biology and Medicine for her work titled *"Mitochondrial DNA Contributes to the Development of Age Related Insulin Resistance in C57BL/6J and C3H/HeN mice"*.

Kim Dunham—received the Center for Free Radical Biology and the Department of Pathology Travel Awards and will be presenting her poster titled *"Influence of the Mitochondrial Genome on Cardiac Function and Metabolism"* at the 21st Annual Meeting of the Society for Free Radical Biology and Medicine.

Tim Trotter—in Pathobiology & Molecular Medicine received a Department of Pathology Travel Award to present at the 56th Annual Meeting of the American Society for Bone and Mineral Research Society. His post-

er is titled *"Heparanase promotes myeloma bone metastasis and elicits a bone resident cell-like phenotype in multiple myeloma cells"*. Mentor: Dr. Yang Yang.

Publications/Presentations:

Robert Bone—Bone RN, Gai Y, MMagrioti V, Kokotou MG, Ali T, Lei X, Tse HM, Kokotos G, Ramanadham S. Inhibition of Ca^{2+} -Independent Phospholipase A2 (iPLA₂β) Ameliorates Islet Infiltration and Incidence of Diabetes in NOD Mice. Diabetes. 2014 Sep 11. pii: DB_140097 [Epub ahead of print]. PMID: 25213337. Robert's publication was also highlighted in the September 16th issue of Pancreatic Cell News.

General News:

The following students in Dr. Zdenek Hel's laboratory successfully defended their Ph.D. thesis and obtained Outstanding Immunology Student Awards:

Katherine G. Michel
Nathan L. Bowers

Congratulations!

The Annual Pathology Trainee Research Day was October 10, 2014, Edge of Chaos. Alumni Speaker Scott J. Dylla, PhD Chief Scientific Officer, VP of Cancer Biology Stem CentRx, Inc., South San Francisco, CA

Presentation Awards:

Oral Presenters:

Jalessa N. Wright
Matthew Ryan Smith
Xiaoyan Cui
Anandi Sawant
Joe Daft
Mike Nelson

Poster Presenters:

Student Category:
Saranya Ravi
Timothy Trotter

Postdoc/Resident Category:
Joo-Yeun Oh
Joel Jules

Betty Pritchett Spencer Award

Joo Hyoung Lee, Ph.D.
Most outstanding cancer related research conducted by a trainee in the Department of Pathology.



Presenter, Jo Daft



Alumni Speaker Dr. Scott Dylla



Dr. Robert Pritchett, Joo Hyoung Lee, and Dr. Kevin Roth

From the Graduate Students Cont'd...



Dr. Kevin Roth and Jalessa Wright



Dr. Kevin Roth and Anandi Sawant



Dr. Doug Hurst and Xiaosen Ouyang



Dr. Kevin Roth and Matthew Ryan Smith



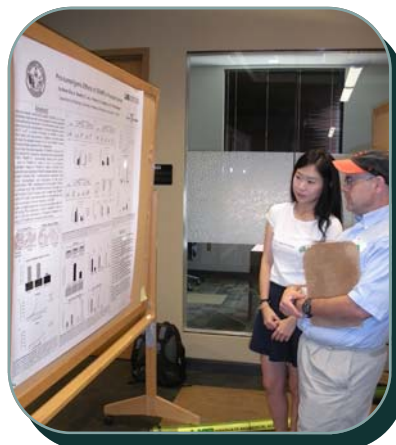
Dr. Kevin Roth and Mike Nelson



Presenter, Xiaoyan Cui



Dr. Kevin Roth and Joo-Yeun Oh



Dr. John Shacka and Ha-Ram Cha



Dr. Kevin Roth and Saranya Ravi

Staff Spotlight: Kerry Heaton



Kerry Heaton is an *Information System Specialist I* in Pathology's IT section.

He joined Pathology in April 2005. In his role as an ISS1 he provides computer support to faculty and staff from the front desk to the field. He also rotates being on-call after hours for PathIS with others in his section.

Before coming to UAB, Kerry owned and managed his own businesses for over 10 years so he understands how important it is to provide good customer service. He handled all aspect of the business (i.e., sales, purchasing, payroll, finance, HR and IT). He has been a mem-

ber of the Civil Air Patrol (CAP) since 1986 and has held various management titles through the years in both the Alabama Wing and for the Southeast Region. Several of these positions required giving seminars and he found the teaching experience very rewarding. Kerry also volunteered in the CAP's Search and Rescue division whereas he has received several commendations and a life-saving award. Being a member of the Civil Air Patrol afforded him the opportunity to pursue his passion of being a pilot in which he succeeded in earning commercial multi-engine instrument rating. Many years ago before the Clay community became incorporated, he was a *Clay Special Deputy* managed under Sherriff Mel Bailey who was with the *Jefferson County Sherriff Department*. Kerry has

enjoyed his involvement with community service through the years and is grateful for the many friendships that formed through the various connections. Kerry gets enjoyment out of helping others and this is why he enjoys working at UAB.

Kerry and his wife Gina have been married for 34 years. They live in Clay with their son Kory who is attending UAB majoring in Computer Science. In Kerry's spare time he enjoys riding his Harley, Kung-Fu, watching Sci-Fi shows and Auburn games, and getting together with family and friends every Sunday after church for a good meal and fellowship.

Pathology Publications/Presentations:

Dr. Lalita Shevde-Samant has been invited to deliver a talk on our research at The 2014 Hedgehog Meeting on Hedgehog Signaling in Development and Disease held on August 4th-August 8th, 2014 in Ann Arbor, MI. This meeting featured 30 invited speakers from around the world (10 different countries).

As the Co-Director of the UAB Cancer Biology Theme, Dr. Shevde-Samant represented UAB at the CABTRAC meeting in Colorado. This Cancer Biology Training Consortium facilitates the exchange of ideas

between individuals and institutions dedicated to the mission of training the next generation of cancer researchers.

Dr. Mei Li's (Dr. Yang's laboratory) abstract "*Myeloma Cell-Derived Runx2 Promotes Myeloma Progression and Bone-Homing*" was selected for an oral presentation in the 56th Annual Meeting of the American Society of Hematology.

Dr. Qianying Pan (Dr. Yang's Laboratory) received an ASH Abstract Achievement Award for her Abstract that was submitted to the 56th Annual

Meeting of the American Society of Hematology. The title of her abstract is "*Heparanase Promotes Myeloma Metastasis By Inducing EMT-like Features in Both Myeloma Cells and Endothelial Cells*".

Pathology Grants Awarded:

VICTOR DARLEY-USMAR

Seahorse Bioscience

"Research Program to Develop a Bioenergetic Cryo-Preserved Blood Procedure"

\$88,200 9/15/14—9/14/15

WILLIAM GRIZZLE

SAIC-Frederick

"Tissue Source Site (TSS) in Support of the NCI Clinical Assay Development Program:

10/09/14—3/31/15

AIMEE LANDAR

DOD

"Bioenergetics of Stromal Cells as a Predictor of Aggressive Prostate Cancer"

\$110,150 9/01/14—8/31/15

UPENDER MANNE

NIH

"Morehouse School of Medicine/Tuskegee Univ/UAB Ca Ctr Partnership"

\$155,159 9/01/14—8/31/15

UPENDER MANNE

NIH

"Admin Supp for U54 Grantees to Support Acquisition of Biological Samples"

\$50,000 9/01/14—8/31/15

UPENDER MANNE

NIH

"Admin Supp to Support Assessment of Community Outreach Activities of the CNPC & CPACHE Programs"

\$100,000 9/01/14—8/31/15

UPENDER MANNE

NIH

"The Alabama State University / UAB Comprehensive Cancer Center Partnership"

\$767,344 9/23/14—8/31/18

MOON NAHM

Merck and Co., Inc.

"Development and Qualification of UAB MOPA Cassette E"

\$250,000 7/15/14—7/14/15

LALITA SHEVDE-SAMANT

DOD

"Breast tumor-tissue derived Hedgehog morphogens immunomodulate the polarization of breast cancer associated macrophages"

\$514,500 9/30/14—9/29/17

NAMAKKAL SOORAPPAN

NIH

"Reductive Stress Induces Proteotoxic Cardiac Disease"

\$1,469,849 7/01/14-6/30/16

ADAM WENDE

NIH

"Mechanisms of Glucose Mediated Cardiac Mitochondrial Dysfunction"

\$144,059 8/01/14—7/31/15

YANG YANG

UAB/CMBD

"The Role of Myeloma Cell-Derived Runx2 in Myeloma Metastasis to Bone"

\$30,000 8/01/14—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: pathinfofocus@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.