



# PATHOLOGY NEWS

Dear Colleagues:

As the holiday seasons approach, Thanksgiving and Christmas, and despite the failings of our economy, we still have much to be thankful for. I continue to be proud of the work everyone so diligently does here on a daily basis. This is evident in the fact that we are one of the most successful Pathology Departments in the country. We continue to be one of the leaders in the nation, securing grants and receiving high numbers of applications for our programs. In order to attract the best candidates, I know our programs must run efficiently and this is reflective in the diligent work provided by our managing staff.

Whatever your role is in the Department of Pathology —faculty, staff or student—please know that I am grateful for the work you do. We have all persevered during these tough times which our economy is experiencing and we can only hope that in time things will get better.

I hope everyone enjoys the holiday season and I am anticipating a good year in 2009!

Sincerely yours,

George K. Michalopoulos, M.D., Ph.D.  
Professor and Chairman  
Department of Pathology



As we express our gratitude, we must never forget that the highest appreciation is not to utter words, but to live by them.

~John Fitzgerald Kennedy



Special Points of Interest

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## ADMINISTRATIVE OFFICE UPDATE

### A Note from Payroll

I would like to remind everyone that the payroll deadlines for each month are very early in the month. The paperwork is due one week prior to deadline in the Dean's office for processing. If we miss this deadline we are charged a service fee to process for the check. If this happens, I will be asking you to supply an account number to cover this expense. Otherwise, this employee will not receive a paycheck until the following month.

#### REMINDERS

SUPERVISORS OF WORK STUDY/STUDENT WORKERS: All timesheets for your students are due into my office on the 10<sup>th</sup> of each month. Students will project the hours they will work up to the 15<sup>th</sup> of each month. Adjustments will be made the following pay period. IT IS YOUR RESPONSIBILITY TO SEE THAT THEIR HOURS ARE TURNED IN ON TIME! If a student does not turn in their hours on time, they will not be paid until the following month! Payroll submission has been delayed several times while I attempt to "track down" their timesheets.

NOVEMBER/DECEMBER timesheets: An e-mail was sent out to all students and their supervisors reminding them that the December timesheets are due to me no later than November 20<sup>th</sup>. Due to the Thanksgiving Holiday, the University pay day for November will be Wednesday, November 26, 2008. The December University pay day will be Friday, December 12, 2008. However, keep in mind that as in the past, the checks are dated for December 31, 2008. Only the students will have live checks that day.

#### VISA UPDATE:

Nicole Paterline will handle all staff and faculty visa issues for the department. Her telephone number is 648-1230 and her e-mail is: paterlinena@upmc.edu. Please contact her directly if you have any questions or need to have your current visa extended. You must contact her 4 months prior to the expiration of your J-1 visa and 6 months prior to your H-1B expiration.

### Holiday Office Coverage

Please note the administrative offices will be open over the holiday breaks, November 28 (day after Thanksgiving) December 24 and December 26-31 with minimal staffing.

The University is closed November 27,

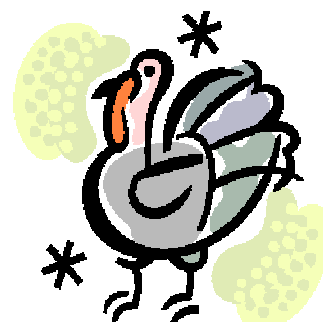
December 25 and January 1.

The University will be closed on Monday, January 19, 2008 in observance of Martin Luther King Day.



Thanksgiving  
Day comes, by  
statute, once a  
year; to the  
honest man it  
comes as  
frequently as  
the heart of  
gratitude will  
allow.

~Edward  
Sandford  
Martin



### A few reasons to visit the Payroll Office:

To get your pay stub – Even though you may have direct deposit, your stub provides proof of income and provides a list of your deductions. These are available on the last working day each month in Room S-417 BSTWR between the hours of 1-4:00 p.m.

Change in name or address – If you change your name due to marriage or divorce, you must change it with Social Security first. Bring your updated card to the Payroll Office. Forms are available if you should change your address.

Foreign Faculty/Staff/Students - You should come by my office if:

- You have received your Permanent Resident “green” card
- You have recently received your authorization to work cards
- Your current visa has been extended. Please bring copies of the approval notice or new IAP-66

Resignation - Faculty should submit a *resignation* letter to Dr. Michalopoulos and Division Director. Staff should give a copy to your supervisor, which should include your final date of employment. This should be done within 24 hours after you have informed your Supervisor in order to process your paperwork. Be sure to include your forwarding address in order for your W-2 form to be forwarded to the correct address.

To Hire New Employees - Faculty wishing to hire staff positions should initiate this process through the Payroll Office. This includes foreign recruits also.

Medical Leaves - If you are going on leave or have just returned from a leave (personal or FMLA) you must let me know in order to get your paperwork in order.

Tracking of Vacation/PH/Sick Time - For staff, turning in your time sheet each month is mandatory for accurate vacation and sick time records. Timesheets are currently being sent via e-mail for all employees. If you are not receiving these, please contact me immediately to verify your e-mail address.

To Change your W-4 - This will make tax time go more smoothly, and is often necessary if your status changes (e.g. marriage, divorce, children). You may also need to change your deductions or have additional funds withheld.

Direct Deposit - Direct deposit is a convenience, however, difficulties arise caused by the following:

You have closed your account without canceling your direct deposit with the University. If this happens, the bank may refuse the deposit and it could take 1-2 weeks before the University can issue your check.

You have terminated your employment without cancellation of your direct deposit

Please keep in mind that the payroll deadlines are very early in the month and the sooner you tell me about new hires and changes, the better.

I can be reached at 648-1038 if you have any questions/concerns. Please call my office first to schedule an appointment before “stopping by.” This will ensure that I’ll be available to discuss your issues/concerns.

Carolyn Nolte, Payroll Coordinator

## SUMMER UNDERGRADUATE RESEARCH PROGRAM (SURP) UPDATE

Once again the Pathology arm of the Summer Undergraduate Research Program (SURP) is starting to recruit faculty willing to host college undergraduates in their laboratories for a 10-week scientific research experience this coming summer. SURP is a highly competitive outreach program, specifically designed to recruit high quality students into applying for graduate degrees through the University of Pittsburgh School of Medicine (UPSOM) programs such as the Interdisciplinary Biomedical Graduate Program and the Medical School. As the reputation of our program has grown, we have begun to attract high quality students from Universities such as Cornell and MIT, with the average GPA approximately 3.8.

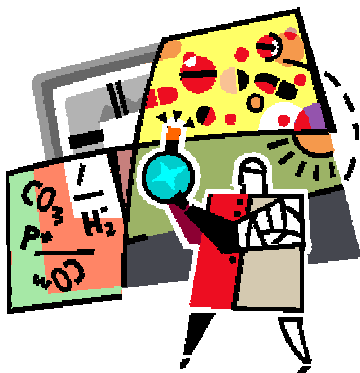
The specifics of the program are as follows:

The cost to the individual investigator is \$3,500.00. In some cases, there may be supplemental funding from UPSOM. Please contact me at 412-648-9690 or [wmars@pitt.edu](mailto:wmars@pitt.edu) if you are interested in learning more about these funding opportunities. The program will run from May 26-July 31. Students are expected to have a specific project that they work on full time. They are also expected to attend supplemental programming 1-2 hours a week. At the end of the experience they must write an abstract and do a 10-minute power point presentation of their work. Student housing and travel will generously be provided by UPSOM.

The success of this program relies on quality mentors well as quality students. Part of our past success has been due to participation of interested faculty such as you. In addition, we have implemented several techniques designed to attract the highest quality students to our program such as a shared online application process. I would venture that many of you who have participated as SURP mentors in the past can attest to the quality of the students that we are attracting.

If you have any questions or are willing to be a mentor this year, please contact me at 412-648-9690, or via e-mail at [wmars@pitt.edu](mailto:wmars@pitt.edu). The application process has already begun.

Thanks so much!



**Wendy M. Mars, Ph.D.**  
**Director, Pathology SURP and**  
**CMP Graduate Program**

Get over the idea that only children should spend their time in study. Be a student so long as you still have something to learn, and this will mean all your life. ~Henry L. Doherty

# CELLULAR AND MOLECULAR PATHOLOGY PROGRAM UPDATE

I am happy to report that our program is continuing to thrive. During the course of the past year, seven students graduated; however, this fall we added six new students (three from IBGP and three from MSTP), giving us a current total of 34, second largest of the six Interdisciplinary affiliates. Five faculty members are also new to CMP this year, either as newly inducted graduate faculty (Lisa Robinson, Jian Yu) or as secondary appointments to the CMP program (Steve Badylak, Yuan Chang, David Hackam). This brings our faculty total to 64!

A meeting of the CMP faculty was held November 5, 2008. At the meeting Paul Wood, MS, assistant director of the Genomics and Proteomics Core Laboratories (GPCL; <http://www.genetics.pitt.edu/>) gave an overview of services the core currently offers. Following the presentation, a discussion was held regarding University policies on maternity leave and vacation/sick time. Minutes from the meeting will be sent to all CMP faculty and are available to all upon request.

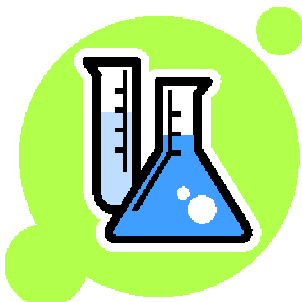
Good things continue to happen with our outstanding CMP students. At the recent Biomedical Graduate Student Association (BGSA) symposium, Lauren Drowley (mentor, Johnny Huard) was selected as one of the 4 student speakers from approximately 200 attendees, whereas, Michelle Manni (mentor, Tim Oury) was voted the most well-rounded student. Michelle's poster presentation was also selected as the overall winner for the CMP section. Finally, hearty congratulations are in order for first year student Amin Afrazi (mentor, David Hackam) who submitted an abstract to the Academic Surgical Congress. His work has been selected from a pool of over 800 and he will give a 30-minute talk in their upcoming plenary session!

Remember...if you are interested in having issues brought before the CMP steering committee, please share them with either our CMP administrator, Shari Tipton ([tiptonsl@upmc.edu](mailto:tiptonsl@upmc.edu)), or with me ([wmars@pitt.edu](mailto:wmars@pitt.edu)). Also, if you are aware of any outstanding faculty members who are not currently members of CMP but who would be eligible and have a possible interest in joining our program, let us know.

Thanks so much!

**Wendy M. Mars, Ph.D.**  
**Director**

**Pathology SURP and CMP Graduate Program**



You can teach a student a lesson for a day; but if you can teach him to learn by creating curiosity, he will continue the learning process as long as he lives. ~Clay P. Bedford

## HIGHLIGHTS

### **Ewa C.S. Ellis, Ph.D., Adjunct Assistant Professor of Pathology in the Department of Pathology**

Has been awarded a Swedish Grant (VINNOVA), *Researcher qualification for female doctoral researchers through international collaboration between centers of excellence in research and innovation*. Project title is "Cell transplantation for liver disease" which takes Dr. Ellis back to Sweden to establish a lab and also to develop a long term collaboration between Dr. Strom and the Karolinska Institute, Department for Clinical Science, Intervention and Technology, Unit for Transplantation. The grant is 2,350,000 Swedish crowns (\$394,000) and runs over three years.

**Amin Afrazi's** abstract was accepted out of 800 submissions for a plenary session at the upcoming SUS Plenary Session at the 4th Annual Academic Surgical. Abstract Title: Heat Shock Protein 70 (HSP70) Serves as an Endogenous. Authors: A. Afrazi<sup>1</sup>, S. C. Gribar<sup>1</sup>, W. M. Richardson<sup>1</sup>, T. Prindle, Jr.<sup>1</sup>, M.F. Brancal, C. Sodhil, E.b. Chang<sup>2</sup>, D.J. Hackam. 1. University of Pittsburgh, Department of Surgery, Children's Hospital of Pittsburgh, Pittsburgh PA and 2. University of Chicago, Department of Medicine, Chicago, IL.

### **Kathryn M. Gonyea, (CMP Graduate Student)**

Received a travel award from the Society for Basic Urologic Research Annual Fall Meeting.

The travel award is for \$500 and she will be presenting a poster titled: "Identification of a Novel Retrovirus and global Genome Hypomethylation in Benign Prostatic Hyperplasia"



Graduate Students in **Tim Oury's** lab....

- **Laura Niehouse:** Received a Clinical and Translational Pre-doctoral Fellowship (CTSI; T32)
- **Michelle Manni:** Currently has an American Heart Association pre-doctoral research grant. She received the Young Investigator Award Free Radical Biology and Medicine Meeting. Received the University of Pittsburgh Graduate and Professional Student Association Most Well-Rounded Student
- **Judson Englert:** Received National Institute of Environmental Health NRSA F30 pre-doctoral research grant.

**Heather Bragg** recently joined the Department. Heather formerly worked for WPIC where she gained experience in both pre and post award. She is currently earning her Master's degree in Law Studies at the University of Pittsburgh. Heather will work with all faculty whose last name falls within A-M of the alphabet and temporarily will be processing all MTAs for the department.



**Michael Thompson** (third year M.D., Ph.D. student) and **Laura Raducha-Grace** (third year medical student) were married on September 27, 2008.

CONGRATULATIONS!

# HIGHLIGHTS

## Fiona Craig, M.D.

Along with co-director Albert D. Donnenberg, Ph.D. has organized a course “*Six Topics in Practical Flow Cytometry.*” The course will cover six topics as follows:

**November 10, 2008**, Albert D. Donnenberg, Ph.D., (Hillman Cancer Center) “Designing a Flow Cytometry Experiment”

**January 14, 2009**, Fiona E. Craig, M.D., “Reliably Recognizing Phenotypic Abnormalities”

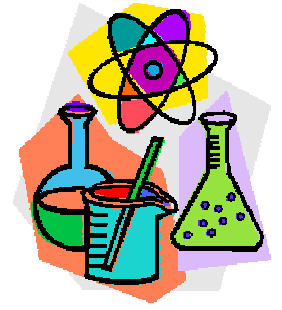
**March 10, 2009**, Brent Wood, M.D., Ph.D. (University of Washington), “Multiparameter Evaluation of Bone Marrow Specimens”

**May 12, 2009**, J. Philip McCoy, Jr., Ph.D. (National Institutes of Health) “Rare Event Detection: Detecting Circulating Endothelial Cells and Endothelial Progenitor Cells.”

**July 14, 2009**, James W. Jacobberger, Ph.D. (Case Western Reserve) “Cytometry of Cell Proliferation”

**September 8, 2009**, V. Vincent Shankey, Ph.D. (Beckman Coulter, Inc.) “Lipopolysaccharide Activation of Signal Transduction Pathways in Human Monocytes.”

*CME credits available for participants. Held a noon (lunch provided) at the BST South Wing and Hillman Cancer Center (depending on date), free and open to University community. For more information, call 412.623.7780. A complete flyer is accessible at <http://path.upmc.edu/showcase/schedules/seminars/Flow.pdf> or on Dept webpage by clicking on the seminars at right hand side, the series is listed.*



## Paul Monga, M.D.

- Newly appointed as Director of the Division of Experimental Pathology (formerly known as Division of Cellular and Molecular Pathology CMP).
- Member, editorial board, Hepatology beginning January 2009.

- Member, Basic Research Committee at the American Association of Study of Liver Diseases
- Elected to organize the FASEB Summer Research Conference at Snowmass, CO on Liver Growth, Development & Disease in 2010

## Tim Oury, M.D., Ph.D.

- Recipient of the 2008 William E. Brown Outstanding Medical Scientist Training Program Mentor Award
- Elected Council Member in the Society for Free Radical Biology and Medicine

## Charles Rinaldo, Ph.D. and William Pasculle, Sc.D.

Have been asked to serve as a reference laboratory for a pilot project for the CDC, to develop and distribute molecular proficiency testing panels for respiratory virus testing in public health laboratories. The function of the reference lab would be to verify the specific reactivity of the samples and to ensure that the virus concentrations are at an appropriate level.

## PRESENTATIONS

**George K. Michalopoulos, M.D., Ph.D.**

“Training in Anatomic Pathology: Realities, opportunities and threats across time and countries,” International Association of Pathology, Athens, Greece, October 12-17, 2008.

Chaired Session, AASLD meeting, San Francisco, CA, November 2, 2008.

**Paul Monga, M.D.**

“Liver Regeneration” lecture in course entitled “Frontiers in Human ES Cells, Woods Hole, Cape Cod, MA June, 2008.

“Wnt Signaling in Liver: novel Roles, novel Opportunities” FASEB, Summer Research Conference, Snowmass, CO, August, 2008.

“Which way the WNT blows: Stem cells in liver development and cancer” XXIX National Congress, Italian Society of Pathology, University of Calabria, Italy, September, 2008.

“b-Catenin signaling balances proliferation & differentiation in liver growth & development” University of Cagliari, Cagliari, Italy, September, 2008.

“Liver Stem Cells in Development and Cancer: You WNT some, you lose some.” Science 2008. University of Pittsburgh, SOM. September, 2008.

Has been invited to give a talk at the 8th International Conference of Anticancer Research, 17-22 October 2008, Kos, Greece.

Has been invited to lecture on ‘Hepatic Carcinogenesis and Role of Wnt/beta-catenin signaling’ at the Egyptian Forum for Liver Diseases (EFLD) as part of International Liver Congress on November 26-28, 2008 to be held in Cairo, Egypt.

Has been invited to give a talk at the 2nd World Cancer Congress in a session entitled “The Gateway to Future Medicine” will be held during June 22-25, 2009, Beijing, China.



Faculty can update personal page on Department's website

Our Department's website contains an individual profile on all faculty members. In order to keep the profile updated we are asking you to go to a direct link at: <http://www.pathology.pitt.edu/update-request/update.htm> or go to the Department's Web site at: <http://path.upmc.edu/> then, click on “Personnel” link at the right hand side. On the next page, under the link of “Faculty” you will see a light gray colored link named “Update Request.” You can enter the web site, either way and then fill out the form and submit the info. If you have any questions regarding the use of this link, contact Fang He at [hcf@upmc.edu](mailto:hcf@upmc.edu).

Thank you.

## PRESENTATIONS

### ***Amal Kanbour-Shakir, M.D.***

Kanbour-Shakir A, Onisko A, Austin MR: High risk HPV test results preceding over 500 cases of biopsy proven high grade squamous dysplasia (CIN 2/3). The 56<sup>th</sup> Annual Meeting of the American Society of Cytopathology, Orlando, Florida, November 7-11, 2008.

Elishaev E, Kanbour A and Kanbour-Shakir A: Characterization of lower uterine segment cells on Thin Preparation and cell block. XXVII<sup>th</sup> International Congress of the International Academy of Pathology, Athen, Greece, October 12-17, 2008.

Onuma K, Kanbour-Shakir A, Modery J, Daya D, Kanbour A: Extrauterine Adenocarcinomas Detected on Cervical Pap Smears: Cytomorphologic Features in Conventional and Liquid-Based Smears, Modern Pathology, The 97<sup>th</sup> Annual Meeting of US and Canadian Academy of Pathology, Denver, CO, March 1-7, 2008.


### ***Parmjeet Randhawa, M.D.***

BK Virus (BKV) Large T-Antigen (LTA) ATPase Domain is a Promising Target for Drug Discovery. The XXII International Congress of Transplantation Society, Sydney Australia, August 10-14, 2008.

Clinical Correlates of BK Virus Capsid Antibody Subclass Measurements in Kidney Transplant Recipients. The XXII International Congress of Transplantation Society, Sydney Australia, August 10-14, 2008.

BK Virus Nephropathy: Why do we need a pathologist for clinical management. XXII International meeting of the Transplantation Society Meeting. Sydney, Australia, August 10-14, World Transplant Congress, 2008.

### Christmas Day at Pitt



Pitt's Oakland Campus will host a Third Annual Salvation Army Christmas Day dinner for the homeless and needy. Over 400 individuals are expected to be served this year. The Pitt Volunteer Office will prepare gift bags and hats and gloves for those who attend. If you would like to donate a new hat and glove set for this event, please drop it off at 710 Alumni Hall by December 5. Alternatively, you may drop off at S-410 BST and we will be sure that it is delivered to Alumni Hall. For more information regarding this event, contact Gwen Watkins at 412.624.7702 or Chris Szalkuski at 412.648.1040.

Thank you for any consideration you give this request.



PATHOLOGY  
RESEARCH SEMINAR  
SERIES

**Annual A. Julio Martinez  
Memorial Lecture**

“One Decade of Glioma Genomics  
Research: What Have  
We Learned”

**Gregory N. Fuller, M.D.**

Professor and Chief

Section of Neuropathology

Department of Pathology

M.D. Anderson Cancer Center

Houston, TX

**Wednesday, December 3, 2008**

noon

Lecture Room 3 Scaife Hall

“Tales of Two Kinases: Pink1 and  
LRRK2 for Parkinson’s Disease”

**Chenjian Li, Ph.D.**

Assistant Professor of Neurology

Department of Neurology

and Neurosciences

University of Pittsburgh

**Wednesday, December 17, 2008**

noon

1105AB Conference Center

“The Bethesda System for Report-  
ing Thyroid Cytopathology: To-  
wards a Uniform Terminology  
with Management Guidelines”

**Syed Z. Ali, M.D.**

Associate Professor of Pathology

Director, Division of

Cytopathology

The Johns Hopkins Hospital

Baltimore, MD

**Wednesday, January 7, 2009**

noon

1104 UPMC Conference Center

Scaife Hall

PUBLICATIONS

Luminal B tumors are not HER2 positive. Letter to the Editor. Rohit Bhargava and David J Dabbs. *Breast Cancer Research*. 2008;10:404.

Estrogen and Progesterone Receptors in Breast Carcinoma: Quantitation is Therapeutically Important. Rohit Bhargava, M.D., Mamatha Chivukula, M.D., Sushil Beriwal, David J. Dabbs, M.D. *Adv Anat Pathol*. 2008 Sep;15(5):304-305.

Diagnostic, Theranostic and Genomic Immunohistochemistry: Standardization Issues. Mamatha Chivukula, M.D., Rohit Bhargava, M.D., David J. Dabbs, M.D. *Adv Anat Pathol*. 2008 Sep;15(5):302-304.

Mammaglobin Expression In The Female Genital Tract: Immunohistochemical Analysis in Benign and Neoplastic Endocervix and Endometrium. Kazuya Onuma, David J Dabbs, Rohit Bhargava. *Int J of Gynecol Pathol*. 2008;27:418-425.

WT-1 immunoreactivity in breast carcinoma: Selective expression in pure and mixed mucinous subtypes. Akosua B Domfeh, AnnaMarie L Carley, Joan M Striebel, Rouzan G Karabakhtsian, Anca V Florea, Kim McManus, Sushil Beriwal and Rohit Bhargava. *Mod Pathol*. 2008;21:1217-1223.

Histopathologic Variables Predict Oncotype DX™ Recurrence Score. Melina B. Flanagan, MD, MSPH, David J. Dabbs, MD, Adam Brufsky, MD, PhD, Sushil Beriwal, MD, Rohit Bhargava, MD. *Mod Pathol*. 2008;21:1255-1261.

Cieply B, Zeng G, Singh T-P, Geller DA, Monga SP. Unique phenotype of hepatocellular cancers with exon-3 mutations in beta-catenin gene. *HEPATOLOGY* (In Press).

Shi, Y-H., W.-X. Ding, J. Zhou, J.-Y. He, Y. Xu; A. Gambotto, H. Rabinowich, J. Fan and X.-M. Yin. Expression of X-linked inhibition-of-apoptosis protein in hepatocellular carcinoma promotes metastasis and predicts tumor recurrence. *Hepatology*, 48:497-507, 2008.

Ni, H-M., X. Chen, W-X. Ding, M. Schuchmann and X-M. Yin. Differential roles of JNK in ConA/GalN and ConA-induced liver injury in mice. *Am. J. Pathology*, 173:962-972, 2008.

**PATHOLOGY  
RESEARCH SEMINAR  
SERIES**

“Immunologic and Proteomic  
Blood-Based Biomarkers for Lung  
Cancer Detection and Prognosis”

**William Bigbee, Ph.D.**

Professor of Pathology  
Department of Pathology  
University of Pittsburgh

**Wednesday, January 14, 2009**

noon

1104 Conference Center  
Scaife Hall

“Thymomas: Controversies and  
Diagnostic Pitfalls”

**Cesar Moran, M.D.**

Professor of Pathology  
Department of Pathology  
Pathology and Lab Medicine  
University of Texas

**Wednesday, January 21, 2009**

noon

1105AB Conference Center  
Scaife Hall

“Molecular Regulation of Gastro-  
intestinal Development”

**Ramesh A. Shivdasani, M.D., Ph.D.**

Associate Professor of Medicine  
Dana-Farber Cancer Institute  
Boston, MA

**Wednesday, February 4, 2009**

Noon

1104 Conference Center  
Scaife Hall

Kayler L, Kiss L, Sharma V, Mohanka R, Zeevi A, Girnita A, Shapiro R, Randhawa PS. Acute renal allograft rejection: Diagnostic significance of focal peritubular capillary C4D. *Transplantation*. 85: 813-820, 2008.

Luo C, Bueno M, Kant J, Randhawa P. Biologic Diversity of Polyomavirus BK Genomic Sequences: Implications for Molecular Diagnostic Laboratories. *J Med Virol*, 80: 1850-1857, 2008.

Shuda M, Feng H, Kwun H, Rosen ST, Gjoerup O, Moore PS, Chang Y. T-antigen mutations are a tumor-specific signature for Merkel cell polyomavirus. *Proc Natl Acad Sci, USA*. 2008 *in press*.

Odoux C, Fohrer H, Hoppo T, Guzik L, Stolz DB, Lewis DW, Gollin SM, Gamblin TC, Geller DA, Lagasse E. A stochastic model for cancer stem cell origin in metastatic colon cancer. *Cancer Res*. 2008 Sep 1;68(17):6932-41.

Monaco, SE, Dabbs, DJ, Kanbour-Shakir A: Pleomorphic Lobular Carcinoma in Pleural Fluid: Diagnostic Pitfall for Atypical Mesothelial Cells. *Diagnostic Cytopathology*, 36: 657-661, 2008.

Fader AN, Edwards RP, Cost M, Kanbour-Shakir A, Kelley JL, Schwartz B, Sukumvanich P, Comerci J, Sumkin J, Elishaev E, Rohan LC: Sentinel Lymph Node Biopsy in Early-stage Cervical Cancer: Utility of Intraoperative Versus Postoperative Assessment, *Gynecologic Oncology*, 111: 13-17, 2008.

Gur, A S, Unal B, Edington H, Kanbour-Shakir A, Soran A: Pseudoangiomatous Stromal Hyperplasia (PASH) of the Breast: Intraductal Appearance. *J of Obstet and Gynecol*, (In press), 2008.

Englert JM, Ramsgaard L, Valnickova Z, Enghild JJ, Oury TD (2008) Large scale isolation and purification of soluble RAGE from lung tissue. *Protein Expr. Purif.* 61: 99-101. PMID: 18558495

Kliment CR, Clemens K, Oury TD. (2008) North American erionite-associated mesothelioma with pleural plaques and pulmonary fibrosis. A case report. *Int. J. Clin. Exper. Path.* In Press.



**Thanksgiving**



Thursday, November 27,

**PATHOLOGY  
RESEARCH SEMINAR  
SERIES**

"Identification of New Therapeutic Targets  
in Acute Leukemia"

**Jay Hess, M.D., Ph.D.**

Professor and Chairman  
Department of Pathology  
University of Michigan  
Ann Arbor, MI

**Wednesday, February 11, 2009**

noon

1105AB Conference Center  
Scaife Hall

"Mechanisms that Initiate Hypoxia  
and Biologic Progression in  
Glioblastoma"

**Daniel J. Brat, M.D., Ph.D.**

Professor of Pathology  
Department of Pathology and  
Laboratory Medicine  
Emory University  
Atlanta, GA

**Wednesday, February 18, 2009**

noon

1105AB Conference Center  
Scaife Hall

"Spatiotemporal Dynamics of  
Signaling Pathways That Govern  
Cell Migration"

**Jason M. Haugh, Ph.D.**

Associate Professor of Chemical and  
Biomolecular Engineering  
Department of Chemical and  
Biomolecular Engineering  
North Carolina State University  
Raleigh, NC

**Wednesday, February 25, 2009**

noon

1105 AB Conference Center  
Scaife Hall

Kliment, CR, Tobolewski, JM, Manni, ML, Tan, RJ, Enghild, JJ, Oury, TD. (2008) Extracellular superoxide dismutase protects against matrix degradation of heparan sulfate in the lung. *Antioxid Redox Signa.* 10: 261-68. PMC2289772.

Gao F, Kinnula VL, Myllärniemi M, Oury TD. (2008) Extracellular superoxide dismutase in pulmonary fibrosis. *Antioxid Redox Signa.* 10: 343-54. PMC2290736

Myllärniemi M, Lindholm P, Ryyänänen MJ, Kliment CR, Salmenkivi K, Keski-Oja J, Kinnula VL, Oury TD, Koli K. (2008) Gremlin-mediated decrease in BMP signaling promotes pulmonary fibrosis - reversal by BMP-7. *Am. J. Resp. Crit. Care Med.* 177: 321-29.

Carraway MS, Suliman HB, Kliment C, Oury TD, Welty-Wolf KE, Piantadosi CA. (2008) Mitochondrial biogenesis in the pulmonary vasculature during inhalational lung injury and fibrosis. *Antioxid Redox Signa.* 10: 269-276.

Lu Z, Xu X, Hu X, Zhu G, Zhang P, van Deel ED, French JP, Fassett JT, Oury TD, Bache RJ, Chen Y: (2008) Extracellular superoxide dismutase deficiency exacerbates pressure overload-induced left ventricular hypertrophy and dysfunction, *Hypertension*, 51:19-25. PMID: PMC2429959.

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**PATHOLOGY  
RESEARCH SEMINAR  
SERIES**

“Molecular Control of Endothelial  
Cell-Pericyte Tube Coassembly”

**George E. Davis, M.D., Ph.D.**

Margaret Proctor Mulligan Professor of  
Medical Research

Department of Medical Pharmacology  
and Physiology

School of Medicine

University of Missouri

Columbia, MO

**Wednesday, March 4, 2009**

noon

1104 UPMC Conference Center

Scaife Hall

“New Roles for the uPA/Plasminogen  
system in Vascular Pathology”

**David A. Dichek, M.D.**

Professor of Medicine

University of Washington

Seattle, WA

**Wednesday, March 18, 2009**

noon

1105AB Conference Center

Scaife Hall

**Maud L. Menten Annual Lecture**

**Carlo M. Croce, M.D.**

The John W. Wolfe Chair

Human Cancer Genetics Program

Ohio State University

**Wednesday, March 25, 2009**

1105ABC Conference Center

Scaife Hall

Clinical Importance of HER2 Immunohistologic heterogeneous  
Expression in Core-needle Biopsies vs. Resection Specimens for  
Equivocal (Immunohistochemical score 2+) Cases.

Chivukula M, Bhargava R, Brufsky A, D Dabbs *Mod Pathol.*

2008;21(4):363-368. ©2008 Nature Publishing Group

***Rated TOP 5 of September's most read full-text journal articles by  
Pathologists***

Dear Faculty,

I recently met with a representative of the Office of Research, Health Sciences  
(OORHS) to discuss the services offered for SOM research faculty.

The staff in the OORHS includes individuals with advanced scientific and labo-  
ratory research training and years of grant review expertise. They offer services  
to investigators within the six Schools of the Health Sciences to assist with the  
development of competitive extramural grant applications.

The support services provided include:

- Scientific and editorial review of grant applications
- Assistance in planning and developing multi-part,  
multi-investigator grant applications
- Identification of potential collaborators
- Access to a database of successful federal grant applications
- One-on-one introductions to research resources, services, and  
facilities available at the University.

You may visit the OORHS office at 401 Scaife Hall or their website  
(<http://www.oorhs.pitt.edu/>) for comprehensive links to information about these  
resources, as well as links for contact information, research services, research  
resources, funding opportunities, and information about federal and University  
research policies.

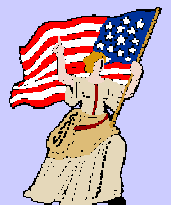


Mary Louise Benedetti, MHR/IR

In the beginning of a change, the patriot is  
a scarce man, and brave, and hated and  
scorned. When his cause succeeds, the timid  
join him, for then it costs nothing  
to be a patriot.

~Mark Twain, *Not e book*, 1935

**Veterans Day, November 11, 2008**



# PITT STEPS—IT—UP

"Pitt Steps it Up" Overview

Tie your walking shoes as "Pitt Steps it Up." This 6-week pedometer based challenge was for faculty and staff at six University of Pittsburgh locations (Main, Titusville, Bradford, Mechanicsburg, Johnstown, and Greensburg) looking to increase their physical activity levels this fall. Participants had the opportunity to earn points by stepping their way to the six locations using a virtual trail while achieving a healthier and active lifestyle!

"Pitt Steps it Up" Structure

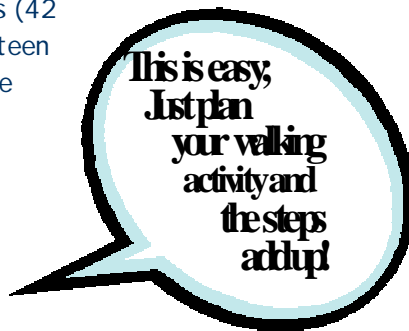
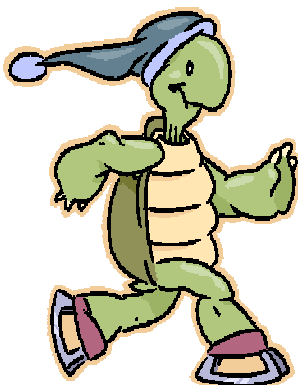
The challenge was set up in two divisions, individual and team. The individual division was for participants who were interested in increasing their physical activity levels at their own pace. While, the team division was for participants who would like an extra "push" from team members to achieve their physical activity goals. Teams were made up of 3-5 members and could include spouses and domestic partners. Pedometers were mailed one week prior to the challenge beginning.

For our Department many choose to participate at the individual level. Linda Askren, Nicole Paterline and Judy Nes-tico signed up as individuals. Some choose the team approach. The team "Turkies" included Linda Kraly, Aaron Bell, Lola Thompson and Chris (team captain) and Skip Szalkuski. At the present time, "Turkies" is doing well and have been at the top of the list for averaging one of the highest number of steps.

Lottery tickets" for prizes will be awarded at the end of the 6-weeks based on individual and team point totals. The lottery tickets will be used for the individual and team drawings at each of the six University of Pittsburgh locations.

For each day a participant logged their steps for a team, one point was awarded towards their team total. If the participant achieved the weekly step goal, five points was awarded towards their team's total. Example: If a team of five logged their steps for the entire week and met the weekly goal, the team earned sixty points for that week. The total points will then be averaged by the number of team members participating. Example: 60 points/5 team members = twelve point average. If a team of three earns thirty six points, that total would be divided by three and they would also have a 12 point average. Therefore, the maximum amount of points a team can earn in the Challenge over 6 weeks is seventy-two.

The good news...everyone has the opportunity to win even if you never achieve a weekly step goal, but you log your steps in each day over the 6-weeks (42 points), you can still earn up to fifteen lottery tickets. More on this in the next Newsletter....



Week	Weekly Step Goal	Daily Step Goal
1	45,000	6,500
2	50,000	7,200
3	55,000	7,900
4	60,000	8,600
5	65,000	9,300
6	70,000	10,000



The Scariest costume?



A dynamic duo!



The Master of Ceremonies!



The Satisfied Guests!



The entire group of pumpkins!