



## AWARDS and ACCOMPLISHMENTS

### Zou Receives NIH Grant for Vascular Research



Ming H. Zou, M.D., Ph.D.

Ming H. Zou, M.D., Ph.D., Assistant Professor, the University of Tennessee Graduate School of Medicine (UTGSM), [Department of Surgery](#), has been awarded over \$1.5 million dollars from the [National Institutes of Health \(NIH\)](#) to fund his research

in mechanisms of vascular complications in diabetes. Dr. Zou is Director of the Vascular Research Laboratory at UTGSM. [MORE>>](#)

### Kabalka Proposal Funded by DOE



George Kabalka, Ph.D.

"New Radiotracers for Targeting Mutated Raf Protein for the Early Detection of Lung Cancer" is the title of a grant recently funded by the [U.S. Department of Energy \(DOE\)](#).

George Kabalka, Ph.D., Principal Investigator and Hildegard Schuller, Ph.D., Co-Principal Investigator, were awarded \$758,688 for the period of September 2004 through August 2007. Kabalka is the Robert H. Cole Professor of Neuroscience in the UTGSM [Department of Radiology](#).

### October is National Medical Librarians Month



October marks the 8th Annual National Medical Librarians Month (NMLM). NMLM was created to observe the contributions and services of health sciences libraries! The theme for this year's celebration is "Come Borrow Our Power Tools." Informational sessions on



## FROM THE DEAN'S OFFICE

### Graduate School Appointments

Mr. Bill Rice, Chancellor, [University of Tennessee Health Sciences Center](#), announced two new appointments for current UTGSM administrators. James J. Neutens, Ph.D. has been named Executive Associate Dean. Eddie Moore, M.D., has been appointed Associate Dean for Graduate Medical Education now functioning within the Dean's Office.

### Dean's Office & UTRA Hosts Residents Picnic



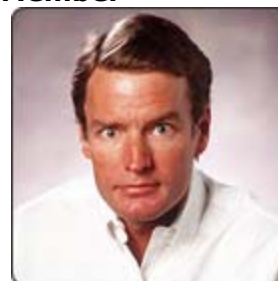
The [University of Tennessee Residents Alliance \(UTRA\)](#) hosted the 1st Annual Residents Picnic on August 22 2004, at The Cove in Concord Park. Over 75 residents and their families enjoyed an afternoon of food, fun and family outdoor activities. The picnic was sponsored by the

UTGSM and the UTRA. These groups are working together to promote a family-friendly atmosphere within the UTGSM residency community. The next family event will be a visit to the [Oakes Farm Pumpkin Patch](#) on October 16 from 3:00-6:00 p.m. For more information please contact [Sarah Simmons](#).



## FACULTY SPOTLIGHT

### Pathology Department Welcomes New Faculty Member



Mahlon D. Johnson, M.D., Ph.D.

The UTGSM recently announced the appointment of Mahlon D. Johnson, M.D., Ph.D., as Professor in the [Department of Pathology](#). Dr. Johnson graduated from the [UT Health Science Center](#) with a medical degree in 1981 and completed a Ph.D.

in Pharmacology/Neuroscience in 1984. He also completed a residency in Anatomic Pathology at Vanderbilt University Medical Center along with two fellowships: Neuropathology and Cell Biology. In addition to his many recent [medical publications](#), Dr. Johnson is also the author of *Working on a*

Electronic Journals, PDA's, and "Do You Know Your NetID?" will be held in [Preston Medical Library](#) throughout the month of October. The library will also hold an Open House on Friday, Oct. 29 beginning at 2:00 p.m. with a Tennessee Tailgate Party! Remember to [@sk your medical librarian](#) if you have any questions.



## DEVELOPMENT



### Torch Campaign Ends October 8

The Torch Campaign is winding down. October 8 is the deadline to return your pledge cards to your Torch Bearers! Sandy Oelschlegel, Director, Preston Medical Library and UTGSM Torch

Campaign Captain says, "I appreciate the excellent support UTGSM employees have shown for Graduate School of Medicine Gift Funds, Medical Center Gift Funds, and the United Way." Please contact [Sandy](#) if you have any questions regarding the Torch!



## FACULTY & STAFF PUBLICATIONS

The following list of publications reflects only journal articles indexed in PubMed (MEDLINE). If you are interested in obtaining a copy of an article listed, please contact [Preston Medical Library](#).

### [Gillis RC, Daley BJ, Enderson BL, Karlstad MD.](#)

Inhibition of 5-lipoxygenase induces cell death in anti-inflammatory fatty acid-treated HL-60 cells.

**JPEN J Parenter Enteral Nutr. 2004 Sep-Oct;28(5):308-14.**

PMID: 15449569

### [Kabalka GW, Wu ZZ, Yao ML, Natarajan N.](#)

The syntheses and in vivo biodistribution of novel boronated unnatural amino acids.

**Appl Radiat Isot. 2004 Nov;61(5):1111-5.**

PMID: 15308201

### [Denton S, Miluesnic D.](#)

Response to Letter From Dr. Omalu.

**Am J Forensic Med Pathol. 2004 Sep;25(3):270-271.**

PMID: 15322475

### [Ushuplich V, Mileusnic D, Johnson M.](#)

Pathologic quiz case. Progressive fatal encephalopathy in an immunosuppressed patient with a history of discoid lupus erythematosus. Subacute Granulomatous Meningoencephalitis (*Acanthamoeba culbertsoni*).

**Arch Pathol Lab Med. 2004; 128(9):e109-11.**

*Miracle*. His book has been translated into 11 languages and published by 14 foreign publishers.

### Zite Receives Recognition for Research

Nikki B. Zite, M.D., Assistant Professor, [Department of Obstetrics and Gynecology](#), was recently awarded the "Young Investigator Award for 2004" by the [Association of Reproductive Health Professionals](#).

Dr. Zite's research project was entitled "Barriers to Obtaining a Desired Post-Partum Tubal Ligation." She presented the paper at the Reproductive Health 2004 conference in Washington, D.C.

### Townsend Named to Who's Who in Health Imaging

David Townsend, Ph.D., Professor of Medicine and Radiology and Director of the [Cancer Imaging and Tracer Development Program](#), has been selected by ["Health Imaging and IT Magazine"](#) as someone you need to know! In the July 2004 article entitled: "Who's Who? 100 Names You Need to Know," Dr. Townsend was recognized for his outstanding contributions to the fields of nuclear medicine and positron emission tomography.

### Smith Named XTERRA Team Ambassador



Audie Smith, M.D.

Audie Smith, M.D., Assistant Professor of [Anesthesiology](#) UTGSM, has been selected as an [XTERRA Team Ambassador](#). The XTERRA Team Ambassadors are a select group of amateur athletes from across the US

[XTERRA](#) is the fastest-growing multi-sport event in the world. The typical

XTERRA race is comprised of a 1.5K Swim, 30K Mountain Bike and an 11K Trail Run. Currently, Dr. Smith ranks second in points competition in the Southeast Region in his age division

PMID: 15335263

[Thomason MG, Longton RF, Gregor J, Smith GT, Hutson RK.](#)

Simulation of emission tomography using grid middleware for distributed computing.

**Comput Methods Programs Biomed. 2004 Sep;75(3):251-8.**

PMID: 15265623

[Wallace LS, Lennon ES.](#)

American academy of family physicians patient education materials: can patients read them?

**Fam Med. 2004 Sep;36(7):571-4.**

PMID: 15343418

[Thie JA.](#)

Understanding the standardized uptake value, its methods, and implications for usage.

**J Nucl Med. 2004 Sep;45(9):1431-4.**

PMID: 15347707

[Carlson ER, Monteleone K.](#)

An analysis of inadvertent perforations of mucosa and skin concurrent with mandibular reconstruction.

**J Oral Maxillofac Surg. 2004 Sep;62(9):1103-7.** PMID: 15346361

[Kabalka GW, Venkataiah B, Dong G.](#)

Pd-catalyzed cross-coupling of Baylis-Hillman acetate adducts with bis(pinacolato)diboron: an efficient route to functionalized allyl borates.

**J Org Chem. 2004 Aug 20;69(17):5807-9.**

PMID: 15307766

[Kim ED.](#)

The use of baseline clinical measures to predict those at risk for progression of benign prostatic hyperplasia.

**Curr Urol Rep. 2004 Aug;5(4):267-73.**

PMID: 15260926

[Zou MH, Kirkpatrick SS, Davis BJ, Nelson JS, Wiles IV WG, Schlettner U, Neumann D, Brownlee M, Freeman MB, Goldman MH.](#)

Activation of the AMP-activated protein kinase by the anti-diabetic drug metformin in vivo: Role of mitochondrial reactive nitrogen species.

**J Biol Chem. 2004 Jul 19 [Epub ahead of print]**

PMID: 15265871

[Vo NJ, Gash J, Browning J, Hutson RK.](#)

Pelvic imaging in the stable trauma patient: is the AP pelvic radiograph necessary when abdominopelvic CT shows no acute injury?

**Emerg Radiol. 2004 Apr;10(5):246-9. Epub**

## Recent Faculty Appointments

**Oscar H. Grandas, M.D.**

Assistant Professor, Department of Surgery

**Steven E. Roskos, M.D.**

Assistant Professor, Department of Family Medicine

**Lou M. Smith, M.D.**

Associate Professor, Department of Surgery

**Matthew B. Vance, M.D.**

Instructor, Department of Anesthesiology

**Nikki B. Zite, M.D.**

Assistant Professor, Department of Obstetrics & Gynecology

## Invited Lectures/Presentations

**Drs. David Townsend, Jeffrey Yap and Jonathan Carney** from the [Cancer Imaging and Tracer Development Program](#) have been selected to present papers at the [Institute of Electrical and Electronics Engineers \(IEEE\) Nuclear Science Symposium \(NSS\) and Medical Imaging Conference](#) in Rome, Italy, October 16-22, 2004.

The [Department of Surgery](#) will be represented by faculty members, **Drs. Brian J. Daley and Blaine L. Anderson**, at the [38th Annual Meeting of the Association for Academic Surgery](#) in Houston, Texas, November 11-13, 2004. Their presentation will be entitled, "Enteral Nutrition with Stearidonic Acid Increases Incorporation of Anti-Inflammatory N-3 Fatty Acids in Liver Phospholipids in the Rat" was authored by Phipps JE, Daley BJ, Anderson BL, Whelan J, and Karlstad MD.

**Dr. George Kabalka**, UTGSM [Department of Radiology](#), was an invited guest speaker at the [American Chemical Society, 228th National Meeting](#) in Philadelphia, PA in August 2004. His talk was entitled: "Organic Synthesis in Ionic Liquids Utilizing Organometallic Reagents." Kabalka also spoke at the [5th International Symposium on Radiohalogens](#) in Whistler, British Columbia, Canada on "Development of Facile No-Carrier-Added Radioiodination Procedures."

**2004 Mar 19.**

PMID: 15290469

[Zou MH, Cohen R, Ullrich V.](#)

Peroxynitrite and Vascular Endothelial Dysfunction in Diabetes Mellitus.

**Endothelium. 2004;11(2):89-97.**

PMID: 15370068

### Other Faculty Publications:

#### Carlson ER

Odontogenic cysts and tumors.

In: Miloro M (ed): Peterson's Principles of Oral and Maxillofacial Surgery, 2nd ed., B.C. Decker, pgs. 575-596.

#### Carlson ER, August M, and Ruggiero S

Locally aggressive benign processes of the oral and maxillofacial region.

Selected Readings in Oral and Maxillofacial Surgery. 2004; 12(3):1-51.



## TEACHING TOOLS

### Teaching by the Seat of Your Pants?

by James J. Neutens, Ph.D.

What guidelines do you follow when teaching students or residents? Do you just go by the "seat of your pants" and figure that's good enough? According to Malcolm Knowles, adults learn differently than children and he established a few rules to keep in mind for teaching adults. His theory of andragogy emphasizes that adults are self-directed and expect to take the responsibility for decisions. Our teaching, he argues, must take this into account.

He makes these basic assumptions about adult learners:

- (1) Adults need to know why they need to learn something (rather than learning it because you said so!),
- (2) Adults need to learn experientially (we accumulate experiences that are brought to the learning table and over time we develop a reservoir of experiences –think of how you learn from case-to-case)
- (3) Adults approach learning as problem-solving (we switch from subject learning to approaches that hold greater meaning and fit into the general scheme of life, i.e. problem-centeredness)
- (4) Adults learn best when the topic is of immediate value (our perspectives change as we mature from one of postponed application of knowledge to immediacy of application)



## DEPARTMENT NEWS

### New Initiatives at UTGSM Support Clinical Research



[Clinical research](#) is gaining strength at the University of Tennessee Graduate School of Medicine (UTGSM) through the development of several new initiatives. By creating new staff positions, providing on-going education for research staff and increasing

research compliance efforts, UTGSM is bolstering the role of high-quality faculty and resident research as one of its the three basic missions. [MORE>>](#)



## RESIDENTS IN THE NEWS

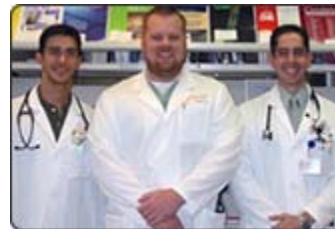
### Ob/Gyn Resident speaks at State Meeting



Jessica D. Lemmons, M.D., Resident, [Department of Obstetrics and Gynecology](#) recently presented the paper "Delayed Interval Delivery in the Second Trimester: Is Cervical Cerclage Necessary?" at the [Tennessee Section of American](#)

[College of Obstetrics and Gynecology](#) annual meeting in Nashville on Sept. 10, 2004.

### Medicine Residents Attend Meetings



The [Department of Medicine](#) has two residents attending the [Tennessee Chapter Meeting of the American College of Physicians](#). Eduardo Mendez, M.D.

will give an oral presentation and James D. Chaney D.O. will be presenting a poster at the conference in Nashville, Oct. 8-9, 2004. Representing the department at the [Society of Hospital Medicine's](#) Southern Regional Meeting will be Dr. Chaney and Felipe Medeiros, M.D. They will present a poster at the meeting in Orlando, FL, November 12-13, 2004

(5) Adults' motivation to learn is more internal than external (with maturity our motivation for learning is more self-directed and internal rather learning because we are told to learn it).

Pragmatically, andragogy means that our teaching should focus more on the process and less on the content. We need to consider teaching methods that put us in a position of facilitator or resource rather than lecturer. These methods could include case studies, problem based learning, role playing, simulations, and the like. Medical education has a built-in advantage over non-clinical education in that the experiential component is already in place and generally speaking so is the problem and its immediacy. So when you walk into the exam room or the surgery suite, you are already well ahead of most learning environments. Use this to your advantage by making what you teach relevant and the experience positive through appropriate feedback.



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and James Neutens, PhD  
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### Oral Surgery Resident Speaks at AAOMS Meeting



Mykle A. Jacobs, DDS, Chief Resident, [Department of Oral and Maxillofacial Surgery](#), will present an abstract entitled "Effects of Platelet-Rich Plasma on the Healing of Autogenous Bone Grafted Mandibular Defects in Dogs" at the 86th Annual Meeting of the [American Association of Oral and Maxillofacial Surgery \(AAOMS\)](#) on October 4, 2004 in San Francisco, CA.

### Surgery Resident Wins ACS COT Award



The [American College of Surgeons](#) (ACS) Committee on Trauma (COT) awarded second place in the 2004 Residents Trauma Paper Competition to Ali F. Mallat, M.D., Resident, [Department of Surgery](#), for his paper entitled "Management of Blunt Liver Injury: Safety Profile of Nonoperative Management."

### Graduating Anesthesia Residents

Jerry Epps, M.D., Chairman, [Department of Anesthesia](#), is pleased to announce that all six graduating anesthesiology residents passed their American Board of Anesthesiology written board examinations on their first attempt.

If you have news or an event to announce via this newsletter and/or the GSM Web site, please [submit your story](#).

