Visitors to Erlanger Medical Center were given an opportunity to see thirty examples of the research efforts of residents and medical students from the UT-COM Chattanooga Unit. Selected posters were on display in the Medical Mall Atrium during the 24th Annual Research Week, held May 8-12. The authors presented Walking Poster Rounds at the end of the week to three visiting judges, Leonard “Rusty” Johnson, PhD (Vice-Chancellor for Research for the UT Health Science Center at Memphis), Earl Ford, MD (Associate Dean for Science and the Center for Chronic Disease Prevention and Health Promotion at the Center for Disease Control in Atlanta), and Michael Biderman, PhD (Professor, Department of Psychology, UT at Chattanooga).

In addition, six oral research presentations were given at the Hunter Museum of American Art on the evening of May 12th. Awards were announced following the dinner that was also held at the Hunter (see awards list, pp 2-3). Dr. Colleen Schmitt was recognized for her nine years of service as Director of Research. Special thanks goes to Erlanger and Mr. James Brexler, CEO, for funding the awards and dinner. Dr. Ron Blankenbaker and Ms. Pamela Scott, Director of Graduate Medical Education, were also acknowledged for their support of this program. And Mr. John Stroud was thanked for the many hours he contributed in the design and printing of the posters.

Congratulations to all the residents and faculty who participated in the research projects and in the presentation of scholarly cases.
24th Annual Research Week Awards

1st Place Oral Research Presentation:
The Robert C. Coddington, MD, Award for Research Excellence ($600)
William Jason Parker, MD (3rd Year Resident, Pediatrics)
Laura Asbury, MD (1st Year Resident Pediatrics)
“Prevalence of Staphylococcus Aureus Nasal Colonization in Multi-Specialty Resident Physicians at a Medium-Sized Teaching Facility”

2nd Place Oral Presentation ($550)
Terry Arrington, MD (2nd Year Resident, Orthopaedic Surgery)
“A Prospective Study to Evaluate Simple Guidelines for Reducing Blood Transfusion in Total Joint Replacement Patients”

3rd Place Oral Research Presentation ($500)
Mark Andrew (Andy) Wilson, MD (1st Year Resident, Transitional Year)
“Virtual Arthroscopy: Can 3-D MRI Improve Upon the Diagnostic Accuracy of Arthroscopy for Focal Cartilage Defects in the Knee--A Pilot Study”

4th Place Oral Research Presentation ($450)
Elizabeth Simpson, DO (Chief Resident, Internal Medicine)
“Accuracy of Advertisements in Rheumatology Journals”

5th Place Oral Research Presentation ($400)
Eric Arambulo, MD (3rd Year Resident, Pediatrics)
Janet Lawley, MD (3rd Year Resident, Pediatrics)
Adam Horne, MD (1st Year Resident, Pediatrics)
“The Impact of Gestational Age on Common Erythrocyte Parameters in Premature Infants”

6th Place Oral Research Presentation ($350)
Jason Oaks, MD (1st Year Resident, Transitional Year)
Jacob Noe, MD (1st Year Resident, Transitional Year)
“The Use of Magnified Ultrasound Images in the Diagnosis of Pediatric Urolithiasis”

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1st Place Research Poster ($350)
Curtis Koontz, MD (5th Year Resident, Surgery)
“Glucocorticoid Rescue for Late Phase Acute Respiratory Distress Syndrome in Trauma/Surgical Critical Care Patients”

2nd Place Research Poster ($300)
Alina Sholar, MD (Chief Resident, Plastic Surgery)
“The Specialized Wound-Care Center: A Seven-Year Experience at a Tertiary Care Hospital”
24th Annual Research Week Awards--continued

3rd Place Research Poster ($250)
Supriya Mannepalli, MD (2nd Year Resident, Internal Medicine)
Tripura Mantha-Bala, MD (3rd Year Resident, Internal Medicine)
“Determinants of Ordering Serum Prolactin in Patients with Seizures”

4th Place Research Poster ($200)
Sue Gouge, DO (3rd Year Resident, Family Medicine)
Rozmond Lewis, MD (2nd Year Resident, Family Medicine)
“A Simple Intervention to Improve Cardiovascular Risk Factors in Type 2 Diabetes Mellitus”

1st Place Case Poster ($200)
Aaron Kendrick, DO (Fourth Year Resident, Surgery)
“Salvage of an Infected Breast Tissue Expander with an Implant Sizer and Negative Pressure Wound Management”

2nd Place Case Poster ($175)
Alina Sholar, MD (Chief Resident, Plastic Surgery)
“The Medical and Surgical Treatment of an Unusual Case of Primary Cutaneous Craniofacial Mucormycosis”

3rd Place Case Poster ($150)
Eric Arambulo, MD (3rd Year Resident, Pediatrics)
“Potential Role of Insulin Glargine in the Management of Neonatal Diabetes”

4th Place Case Poster ($125)
Mark Murray, MD (1st Year Resident, Pediatrics)
“Pulmonary Inflammatory Pseudo-Tumor: An Interesting Case of Asthma”

5th Place Case Poster ($100)
Jasmine Shah, MD (3rd Year Resident, Internal Medicine)
“Not the Usual Community-Acquired Pneumonia: Mastering All the ACGME Competencies Through One Case”

Congratulations

C. David Adair, MD has been elected President of the Southeastern Ob/Gyn Society for 2006-2007.

In addition, Dr. Adair assumed the position of Chairman of the Tennessee Section of ACOG (American College of Obstetricians and Gynecologists) in 2006.
Welcome New Faculty

Lisa Staton, MD joined the Department of Internal Medicine in March 2006. Dr. Staton is a general internist and a graduate of the Brody School of Medicine at East Carolina University. After graduation she joined the faculty there and was the Director of the Resident Clinic, Vice-Chair of the Dept. of Internal Medicine for Diversity, Associate Program Director of the Internal Medicine Residency Program and Clinic Director of the Medical Education and Resources Clinic. She presently serves as a consultant on a National Heart Lung and Blood Institute grant on Improving Cultural Competency at the University of Alabama. She has received a number of awards, including the Internal Medicine Resident of the Year Award, the Jim Metzger Young Investigators Research Award and membership in the East Carolina University Leadership Academy. She presently serves as Director of University Medical Associates and chairs the Department Research and Diversity Committees in addition to her patient care, teaching, and research duties.

Regional Obstetrical Consultants will be welcoming Drs. Chris Briery and Carlos Torres as of July 1, 2006.

Chris Briery, MD grew up all over the south, from Texas to Florida, but calls Newellton, LA his hometown. He attended college at Louisiana Tech University in Ruston and medical school at LSU Health Science Center in Shreveport. Dr. Briery remained in Shreveport for his Internship and Residency in Obstetrics and Gynecology, followed by a 3-year fellowship in Maternal-Fetal Medicine at the University of Mississippi Medical Center in Jackson. He is married to Holly and has two daughters, Sarah and Catherine.

Carlos Torres, MD is a native of Lima, Peru. He attended The University of Tennessee at Knoxville where he graduated Magna Cum Laude with a Bachelor Degree in Biology. His medical training was at the UT School of Medicine in Memphis where he received his Medical Doctorate degree and graduated with honors. Dr. Torres completed his residency in 2003 in Obstetrics and Gynecology at the UT-COM Chattanooga Unit. He then attended Emory University School of Medicine in Atlanta, GA and has completed his fellowship in Maternal Fetal Medicine as of June 2006. Dr. Torres is an Associate Professor with the Department of Obstetrics and Gynecology at The University of Tennessee, Chattanooga Unit. He is a member of the American College of Obstetrics and Gynecology, Society of Maternal Fetal Medicine, and the American Medical Association. Dr. Torres is multi-lingual and has used his skills to organize and participate in health fairs and outreach programs for the Hispanic community in Hamilton County, TN and Fulton County, GA.

The Department of Pediatrics has several new physicians to introduce.

Steven E. Herold, MD joins the UT College of Medicine-Chattanooga Unit as Assistant Professor. He is currently a Pediatric Cardiologist in the Department of Pediatrics at T.C. Thompson Children’s Hospital. Dr. Herold attended the University of Georgia where he graduated Magna Cum Laude with a degree in Biology. He obtained his medical degree, completed his residency in Pediatrics, and also his Five Year ACGME Accreditation Granted

At its April 12-13, 2006 meeting, the Institutional Review Committee of the Accreditation Council for Graduate Medical Education (ACGME) granted the UT College of Medicine-Chattanooga Unit full accreditation, recommending continued accreditation for five years.

Congratulations to all who devoted many hours and much energy to this accreditation.

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Congratulations to all who devoted many hours and much energy to this accreditation.
**Laurie B. Jones, MD** joined the UT College of Medicine-Chattanooga Unit in January 2006 as Assistant Professor. She is currently a General Pediatrician with University Pediatrics at T.C. Thompson Children’s Hospital. She will serve as director of pediatric resident continuity clinics. Dr. Jones attended the Georgia Institute of Technology where she obtained a B.A. in Applied Biology. She obtained her Medical Degree at the Medical College of Georgia in Augusta. She completed her residency in Pediatrics and was also chief resident at the University of Alabama at Birmingham in June 2002. Dr. Jones joins us from St. Joseph’s Hospital and Medical Center in Phoenix, AZ.

**Darwin M. Koller, MD** became a member of the UT College of Medicine-Chattanooga Unit in December 2005 as Assistant Professor. He is currently a Pediatric Emergency Department Physician at T.C. Thompson Children’s Hospital. Dr. Koller attended Virginia Tech in Blacksburg, Virginia where he completed a B.S. in Biology and a B.A. in Chemistry. He obtained his Medical Degree at Eastern Virginia Medical School in Norfolk, Virginia and obtained a Masters of Science in Public Health Program at the University of Louisville, Department of Biomedical and Health Sciences. He completed his residency in Pediatrics at the University of Connecticut School of Medicine, Connecticut Children’s Medical Center. Most recently, he completed his fellowship in the Division of Pediatric Emergency Medicine at the University of Louisville School of Medicine, Kosair Children’s Hospital.

**Marielisa Rincon, MD** joins the UT College of Medicine-Chattanooga Unit at the rank of Assistant Professor. She is currently a Pediatric Endocrinologist in the Department of Pediatrics at T.C. Thompson Children’s Hospital. Dr. Rincon obtained her Doctor of Medicine at the University of Zulia in Maracaibo, Venezuela. She completed her Pediatric residency and fellowship in Pediatric Endocrinology at Bronx-Lebanon Hospital Center, Albert Einstein College of Medicine in Bronx, New York.

**Mihail Subtirelu, MD** joins the UT College of Medicine-Chattanooga Unit as Assistant Professor. He is currently a Pediatric Nephrologist with the Department of Pediatrics at T.C. Thompson Children’s Hospital. Dr. Subtirelu obtained his Doctor of Medicine at the Faculty of General Medicine, Institute of Medicine and Pharmacy in Bucharest, Romania. His Rotating Internship was completed in October 1989 at Colentina Clinical Hospital, Institute of Medicine and Pharmacy in Bucharest, Romania. He completed his Pediatric Residency at Bronx-Lebanon Hospital Center, Albert Einstein College of Medicine in Bronx, New York. Most recently, he completed his Pediatric Nephrology Fellowship in the Department of Pediatrics-Division of Nephrology at Children’s Hospital at Montefiore, Albert Einstein College of Medicine.

**Dee Jay Miranda, MD** is finishing his residency in Pediatrics and will remain one additional year as a faculty member at the rank of Instructor, effective 7/1/06.

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**In memorium**

Faculty, staff, and residents were saddened this month at the passing of Deb Fike. She had served as the UT Orthopaedic Surgery Resident Coordinator for over ten years. Many of us were touched by her kindness and humor and will miss her. Memorial contributions may be made to the Ovarian Cancer Research Fund, 14 Pennsylvania Plaza, Suite 1400, New York, NY 10122 or online at www.ocrf.org.
**Promotions Announced**

Seven faculty members received promotions effective July 1, 2006. Faculty are nominated for promotion for the continuing commitment to academic excellence. Nominees are recommended by their department chairs and are reviewed by the committees on Academic Appointments and Promotions, both locally and in Memphis. The Chattanooga Unit thanks the following individuals for their achievements.

- Ray Enzenauer, MD  
  Professor, Internal Medicine
- John Standridge, MD  
  Professor, Family Medicine
- Steven Adams, MD  
  Associate Professor, Family Medicine
- Robert Zylstra, EdD  
  Associate Professor, Family Medicine
- Amy Canavan, MD  
  Affiliated Assistant Professor, Pediatrics
- William T (Todd) Cockerham, MD  
  Assistant Professor, Surgery
- Linda Pate, MD  
  Assistant Professor, Surgery

**Publications and Presentations**

Adair CD. Course Coordinator and Faculty: ACOG Tennessee Section Annual Meeting. October 10-12, 2006. Nashville TN.


Weatherby B, Rudd J, Ervin TB, Norris BL, Stafford PR. The effect of resident work hour regulations on orthopaedic surgical education. “Hot Topic” presented at the 2006 AAOS Meeting in Chicago, 3/06. Dr. Weatherby’s paper was also reviewed in the 4/06 issue of Orthopaedics Today and in an AAOS publication.

**Did you know that 53 new physicians are starting their residencies here in Chattanooga as of July 1st?**

**UT System Research Officers Meet in Chattanooga**

David Milhorn, Vice-President for Research of the University of Tennessee System, met with chief research officers from all the UT campuses on May 23 at the UTC Engineering Building. The agenda included discussion of human subjects, animal care and use, ORNL activities, state activities, radiation safety, biosafety, financial compliance, and an update on the Research Foundation. The goal of this group is to identify best practices throughout the state and create a network to share those resources.
Note to PI

Change Can Be Hazardous to Your Study

As part of our institutional effort to protect human subjects, the IRB, in cooperation with the Office of Human Subject Protections, can request for-cause or random review of approved research. Over forty reviews have been completed in the past 30 months. The UT College of Medicine in Chattanooga can take pride in the research that is done here, both through sponsored and independent trials. However, three primary areas of improvement have been identified: adequate consent procedures, accurate data collection, and proper billing.

Problems with research compliance are most commonly found when there is a change in study coordinators. Principal investigators are often busy with clinical responsibilities and assume that the transition is smooth, that a new coordinator has been trained by the departing nurse. This is not always the case, and it is the responsibility of the principal investigator to insure adequate training. Many new coordinators are unaware of requirements unique to research and struggle with time management.

When calculating the cost and time of running a clinical trial, it is important to include adequate resources to cover non-patient care tasks of a study coordinator. These may include:

<table>
<thead>
<tr>
<th>Task</th>
<th>Explanation</th>
<th>Time</th>
<th>Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRFs</td>
<td>Fill out case report forms</td>
<td>1.50</td>
<td>hours per day</td>
</tr>
<tr>
<td>Phone, mail, faxes</td>
<td>Communication with sponsor</td>
<td>0.25</td>
<td>hours per day</td>
</tr>
<tr>
<td>Labs</td>
<td>Prepare and ship lab specimens</td>
<td>1.00</td>
<td>hours per week</td>
</tr>
<tr>
<td>Protocol review</td>
<td>Review or staff meetings</td>
<td>1.00</td>
<td>hours per week</td>
</tr>
<tr>
<td>CRA visits</td>
<td>Sponsor/monitor visits</td>
<td>2.00</td>
<td>hours per week</td>
</tr>
<tr>
<td>Recruitment</td>
<td>Answer calls from ads</td>
<td>2.00</td>
<td>hours per week</td>
</tr>
<tr>
<td>Adverse events</td>
<td>Process events and paperwork</td>
<td>0.50</td>
<td>hours per week</td>
</tr>
<tr>
<td>Amendments</td>
<td>Interpret/implement protocol amendments</td>
<td>0.25</td>
<td>hours per week</td>
</tr>
<tr>
<td>New protocols</td>
<td>Read and comment on new protocols</td>
<td>0.25</td>
<td>hours per week</td>
</tr>
<tr>
<td>Site qualifications</td>
<td>Market site to sponsors, CROs</td>
<td>2.00</td>
<td>hours per month</td>
</tr>
<tr>
<td>Study initiation</td>
<td>Study initiation meetings</td>
<td>2.00</td>
<td>hours per month</td>
</tr>
<tr>
<td>Study close-out</td>
<td>Study close-out meetings</td>
<td>2.00</td>
<td>hours per month</td>
</tr>
<tr>
<td>Informed consent</td>
<td>Double clinic time needed for consents</td>
<td>1.00</td>
<td>appts per week</td>
</tr>
<tr>
<td>Screening</td>
<td>Non-study clinic visits</td>
<td>2.00</td>
<td>appts per day*</td>
</tr>
</tbody>
</table>

Remember we have training resources available. Among these are the CITI Online Tutorial (which is required of all investigators and key personnel as of 6/30/06, www.citiprogram.org). The Research Coordinators’ Forum is held the 2nd Tuesday of every month (except July and August). There are two training symposia annually, the Nuts and Bolts seminar in September, and the Research Compliance Conference held in February. In addition, Sylvia Friedl, Research Compliance Officer (sylvia.friedl@erlanger.org), and Stacey Hendricks, IRB Administrator (stacey.hendricks@erlanger.org), are available for training and consultation.

*Excerpt from The Research Roundtable, May 2002. Contact S. Friedl for complete article.
The 21st Annual Family Medicine Update was held June 14-17 at The Chattanoogan Hotel and Conference Center. Over 50 physicians participated in this 25-hour Continuing Medical Education course. Program Director John Standridge, MD, Associate Professor of Family Medicine, stated, “This was our best course ever.”

The feedback we received from the participants was excellent, especially in regard to our efforts to emphasize active learning through hands-on experiences such as the ACLS workshop.” We were all very pleased this year’s conference and have already begun planning for 2007.”

SAVE THE DATE

RESEARCH NUTS AND BOLTS
Friday, September 29, 2006
The Chattanoogan
8 am - 5 pm

Agenda to include

Ain’t Misbehavin’
Drummond Rennie, MD, FRCP, MACP
Institute for Health Policy Studies
University of California San Francisco
Western Editor JAMA

Community Research and Training
Steven M. Teutsch, MD, MPH
Merck and Co., Inc
CDC

UT Research Foundation Update
Rusty Johnson, PhD
UT HSC Vice-Chancellor for Research

Pharmaceutical Support:
Tainted or Trusted
Point/Counterpoint Panel Discussion
Billy Arant, MD
Norman Desbiens, MD
Steven Teutsch, MD, MPH

"Who’s been fooling around with these x-rays?"
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