

**2011-2012**  
**Summary of Scholarly Activities**  
**Department of Pathology**

**I. PUBLISHED JOURNAL ARTICLES, BOOK CHAPTERS, AND PATENTS**

Das S, Tucker JA, Khullar S, Samant RS, Shevde LA. Hedgehog signaling in tumor cells facilitates osteoblast-enhanced osteolytic metastases. *PLoS One*. 2012; 7(3): e34374. Available from: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3315536/pdf/pone.0034374.pdf>

Li W, Holdeman K, Laurini JA, Bierman PJ, Vose JM, Bociek RG, Armitage JO. Sarcoidosis mimicking recurrent lymphoma. *Am J Hematol*. 2012 Jul;87(7):711-2.

McCoy A, Finan MA, Boudreaux FT, Tucker JA, Lazarchick JJ, Donnell RM, Rocconi RP. The incidence and clinical significance of lymph node micrometastases determined by immunohistochemical staining in stage I-lymph node negative endometrial cancer. *Histol Histopathol*. 2012 Feb;27(2):181-5.

Morrow KA, Das S, Metge BJ, Ye K, Mulekar J, Tucker JA, Samant RS, Shevde LA. Loss of tumor suppressor Merlin in advanced breast cancer is due to post-translational regulation. *J Biol Chem*. 2011 Nov 18;286(46):40376-85.

Rolig AS, Carter JE, Ottemann KM. Bacterial chemotaxis modulates host cell apoptosis to establish a T-helper cell, type 17 (Th17)-dominant immune response in *Helicobacter pylori* infection. *Proc Natl Acad Sci USA*. 2011 Dec 6;108(49):19749-54.

Titford ME. Formalin fixation (Letter to the editor). *Arch Pathol Lab Med*. 2012 Feb; 136(2):137.

Titford ME. Histotechnologists, the color index and dye purity. *J Histotechnol*. 2012 Jul; 35(2):71-3.

**II. PUBLISHED ABSTRACTS**

Adams R, Kahn AG. A case of angiolymphoid hyperplasia with eosinophilia: a neoplasm or reactive process? *Ann Clin Lab Sci*. 2012 Spring;42(2):216. Abstract no. 38.

Adams R, Sosnowski J. Neural stem cells identified in ovarian mature cystic Teratomas. *Arch Pathol Lab Med*. 2012 Sep;136(9):1132. Poster no. 81.

Azim DA, Polski JM. Interdisciplinary approach in the diagnosis of hematologic malignancies. *Ann Clin Lab Sci*. 2012 Spring;42(2):216. Abstract no. 39.

Cordell CS, Corneal J, Kahn A. Advanced stage medullary carcinoma of the colon. Arch Pathol Lab Med. 2012 Sep;136(9):1008. Poster no. 13.

Cordell CS, Lazarchick JJ. Recurrence of metastatic invasive lobular breast carcinoma to the stomach: a rare case. Arch Pathol Lab Med. 2012 Sep;136(9):1143. Poster no. 28.

Cordell CS, Polski JM. Acute myeloid leukemia with myelodysplasia-related changes: a rare case. Arch Pathol Lab Med. 2012 Sep;136(9):1060. Poster no.15.

Corneal J, Cordell C, Manci E.  $\alpha$ -Fetoprotein-negative papillary yolk sac tumor in an ovarian mixed germ cell tumor. Arch Pathol Lab Med. 2012 Sep;136(9):1153. Poster no. 64.

Corneal J, Geli D, Sosnowski J. Amyloid angiopathy in a 68-year-old man. Arch Pathol Lab Med. 2012 Sep;136(9):1135. Poster no. 93.

Corneal J, Sosnowski J. Body mass index in hospital autopsy cases: younger age at death associated with increased body mass index in the southeast. Arch Pathol Lab Med. 2012 Sep;136(9):1048. Poster no. 65.

Cucoranu I. Molecular diagnosis of infectious diseases. Ann Clin Lab Sci. 2012 Spring;42(2):217. Abstract no. 42.

Cucoranu I. Pathology informatics, bioinformatics and personalized medicine. Ann Clin Spring;42(2):221. Abstract no. 53.

Corneal J, Sosnowski J. Nodular myositis in a 49-year-old man. Arch Pathol Lab Med. 2012 Sep;136(9):1132. Poster no. 80.

Faulkner KK, Bowman BB, Manci E. Diffuse multifocal chorangiomas: A rare entity with an unusual presentation. 2011 ASCP Annual Meeting WASPaLM XXVI World Congress; 2011 October 21; Las Vegas, NV. Abstract no. 75. Available from: [http://www.ascponline.org/ascponline/planner\\_public/abstract\\_popup.php?abstractno=75](http://www.ascponline.org/ascponline/planner_public/abstract_popup.php?abstractno=75)

Kahn AG. Predictive markers in breast carcinoma. Ann Clin Lab Sci. 2012 Spring; 42(2):204. Abstract no. 5.

Kahn AG, Riddick L, Nelson J. The prevalence of hepatitis among the forensic autopsy population of the South Alabama region. Proceedings of the American Academy of Forensic Sciences 2012. 2012 Feb;18:298. Abstract no. G42. Available from: <http://www.aafs.org/sites/default/files/pdf/ProceedingsAtlanta2012.pdf>

Laurini JA, Aoun P, Iqbal J, Chan J, Greiner TC. Investigation of BRAF mutations by pyrosequencing in lymphomas. United States and Canadian Academy of Pathology 101st Annual Meeting; 2012 Mar 17-23; Vancouver, British Columbia, Canada. Abstract no. 1466. Available from: [http://www.abstracts2view.com/uscap12/view.php?nu=USCAP12L\\_1466](http://www.abstracts2view.com/uscap12/view.php?nu=USCAP12L_1466)

Laurini JA, Perry AM, Boilesen E, Bast MA, Nathwani BN, Diebold J, MacLennan KA, Muller-Hermelink HK, Armitage JO, Weisenburger DD. Classification of non-Hodgkin lymphoma in South America: a review of 1028 cases. United States and Canadian Academy of Pathology 101st Annual Meeting; 2012 Mar 17-23; Vancouver, British Columbia, Canada. Abstract no. 1465. Available from: [http://www.abstracts2view.com/uscap12/view.php?nu=USCAP12L\\_1465](http://www.abstracts2view.com/uscap12/view.php?nu=USCAP12L_1465)

Moses KE, O'Brien MM. Metastatic myxoid chondrosarcoma to the lung: a diagnostic dilemma. *Ann Clin Lab Sci*. 2012 Spring;42(2):216. Abstract no. 37.

Morrow KA, Das S, Mulekar MS, Tucker JA, Samant RS, Shevde LA. Post-translational regulation leads to loss of tumor suppressor Merlin in breast cancer. *Ann Clin Lab Sci*. 2012 Spring;42(2):211. Abstract no. 23.

Papadi B, Boudreaux C. Case report of fatal meningoencephalomyelitis due to *Halicephalobus sp*. *Ann Clin Lab Sci*. 2012 Spring;42(2):215. Abstract no. 36.

Perry A, Alvarado-Bernal Y, Laurini J, Smith L, Fu K, Aoun P, Greiner T, Chan W, Bierman P, Bociek G, Armitage J, Vose J, Weisenburger D. Immunostains for C-MYC and BCL2 protein predict survival in patients with diffuse large B-cell lymphoma treated with rituximab. United States and Canadian Academy of Pathology 101st Annual Meeting; 2012 Mar 17-23; Vancouver, British Columbia, Canada. Abstract no. 1514. Available from: [http://www.abstracts2view.com/uscap12/view.php?nu=USCAP12L\\_1514](http://www.abstracts2view.com/uscap12/view.php?nu=USCAP12L_1514)

Polski JM. Personalized medicine in hematopathology. *Ann Clin Lab Sci*. 2012 Spring;42(2):203. Abstract no. 3.

Roncal O, Kahn AG. Breast carcinoma predictive markers: correlation between core biopsy and excision specimens. *Ann Clin Lab Sci*. 2012 Spring;42(2):214. Abstract no. 31.

Rostas JW, Devine D, Mitra A, Samant L, Richards WO, Tucker JA, Samant RS. Understanding regulation of N-myc interactor; a novel regulator of breast malignancy. *Ann Clin Lab Sci*. 2012 Spring;42(2):211. Abstract no. 24.

Tucker JA. Art History: The ongoing utility of electron microscopy. *Ann Clin Lab Sci*. 2012 Spring;42(2):221. Abstract no. 52.

Tucker JA. Gitlitz lecture: challenges of smaller facilities in the changing world of medicine. *Ann Clin Lab Sci*. 2012 Spring;42(2):203. Abstract no. 1.

### III. PUBLISHED BOOKS

### IV. INVITED PRESENTATIONS

Boudreaux CW. Invited speaker. The Bethesda System for reporting thyroid cytopathology: flustered about FLUS. Alabama Association of Pathologists, The Practice of Pathology 2011: Updates and Current Topics; 2011 Oct 9; Orange Beach, AL.

Boudreaux CW, Tucker JA. Invited speakers. Your future hires: changing external requirements in pathology education, part 2. Alabama Association of Pathologists, The Practice of Pathology 2011: Updates and Current Topics; 2011 Oct 8; Orange Beach, AL.

Kahn AG. Invited speaker. Predictive markers in breast carcinoma. Alabama Association of Pathologists, The Practice of Pathology 2011: Updates and Current Topics; 2011 Oct 9; Orange Beach, AL.

Manci EA. Invited speaker. Pediatric pathology update. Alabama Association of Pathologists, The Practice of Pathology 2011: Updates and Current Topics; 2011 Oct 9; Orange Beach, AL.

Polski J. Invited speaker. Flow cytometry beyond blasts or lymphocytes. Alabama Association of Pathologists, The Practice of Pathology 2011: Updates and Current Topics; 2011 Oct 8; Orange Beach, AL.

Sosnowski J. Invited speaker. Brain biopsies from frozen to diagnosis 101. Alabama Association of Pathologists, The Practice of Pathology 2011: Updates and Current Topics; 2011 Oct 8; Orange Beach, AL.

Tucker JA. Invited speaker. Art and electron microscopy. Alabama Association of Pathologists, The Practice of Pathology 2011: Updates and Current Topics; 2011 Oct 8; Orange Beach, AL.

Tucker JA. Invited speaker. Perspectives on a fellowship match. College of American Pathologists Residents Forum, United States and Canadian Academy of Pathology; 2012 Mar 17; Vancouver, British Columbia, Canada.

### V. NATIONAL PROFESSIONAL RECOGNITION

Carole Boudreaux: Reviewer, *Ultrastructural Pathology*.

Gary E. Carnahan: Assessor, American Association of Blood Banks: inspected Florida Blood Services in Pensacola, Florida, and the Robert Wood Johnson School of Medicine in New Jersey; Medical director, LifeSouth Community Blood Bank.

Elliot Carter: Associate Counselor, Southern Medical Association; Board of Censors, Mobile County Medical Society; Board, South Alabama Cares (Mobile Regional AIDS/HIV Council); College of American Pathologists' inspector (team leader): Sacred Heart Hospital, Pensacola, Florida.

Andrea G. Kahn: Member, International Union Against Cancer Global Cancer Control Community.

Elizabeth A. Manci: Board of Directors of the Gulf Coast Regional Chapter of the American Red Cross; Study Group Lead for Post Mortem Work Group at the NHLBI-HRSA Hemoglobinopathies Uniform Medical Language Ontology Development Project; President of the Medical Society of Mobile County; Counselor, Medical Association of the State of Alabama, District One; MASA Delegate to American Medical Association; Director, Centralized Pathology Unit for Sickle Cell Disease with ongoing collaborative studies with Dr. Jacqueline Hibbert, Morehouse School of Medicine in Atlanta, GA.

Jacek Polski: Editorial Board: *Annals of Clinical and Laboratory Science*; Co-Director, Association of Clinical Scientists Annual Meeting.

Michael E. Tittford: Editorial Board: *Journal of Histotechnology*; Member, Health and Safety Committee, National Society of Histotechnology.

J. Allan Tucker: Member, American Medical Association/Specialty Society Resource-Based Relative Value Scale Update Committee (RUC) (Vice Chair, RUC Administrative Committee and member, RUC Professional Liability Insurance Workgroup); Treasurer, American Registry of Pathology; Member, Executive Council, Association of Pathology Chairs and Chair, Graduate Medical Education Committee; Member, Economic Affairs Committee of the College of American Pathologists and Member of the CPT/RUC Workgroup; Member, Graduate Medical Education Committee of the College of American Pathologists; Secretary and Treasurer, History of Pathology Society; Treasurer, International Academy of Pathology; Treasurer, Society for Ultrastructural Pathology; Ambassador, Abstract Review Board Member, Nominating Committee Member, Finance Committee Member and Pathology Section Representative to the American Medical Association, United States and Canadian Academy of Pathology; Member, Veterans Affairs Electron Microscopy Ad Hoc Review Group; Editorial Board: *Annals of Clinical and Laboratory Science*; Associate Editor, *Ultrastructural Pathology*; Editor-in-chief, *Journal of Pathology Research*.

## **VI. BRIEF SUMMARY OF ACTIVITIES AND PROGRESS**

The department saw the departure of Dr. Maggi O'Brien, who was also serving as associate dean for student affairs of the College of Medicine, as she left to pursue her interest in global health and enrolled in a highly competitive masters degree program at the University of California at San Francisco. Dr. Jeff Sosnowski, who had previously been appointed as assistant dean for curriculum integration, moved full time into that role. We were able to recruit Dr. Javier Laurini, an individual who had completed his residency here and subsequently completed prestigious fellowships in surgical pathology at Mayo Clinic and hematopathology at the University of Nebraska. We also were very pleased to be able to recruit Dr. Kelly Roveda. She had been on the faculty here and had served as the program director at one time, but left thirteen years ago to work in a busy and high-level community practice, Gulf Regional Pathologists (the group with whom the department continues to enjoy a collaborative relationship), so she brings not only her previous faculty experience, but many years of practical diagnostic experience, as well as a strong teaching interest to the department. The department is very fortunate to have these two new faculty members.

Three residents completed the program this year. Dr. Ioan Cucoranu is the first resident from the program to pursue an informatics fellowship, and he was accepted at Pittsburgh, arguably the top program in informatics in the country. Dr. Monica Klein will be moving to China and will have the opportunity to be involved in pathology work there before returning to the United States to pursue a fellowship. Dr. Bhavesh Papadi received a distinguished fellowship in cytopathology at the National Institutes of Health. The department enjoyed another highly successful resident recruiting year, with three new residents joining the department: Dr. Maria Del Valle from the University Del Norte in Columbia, South America (who subsequently completed research and diagnostic ophthalmologic work in Houston), Dr. Ioannis Ioannidis from the University of Athens, Greece (who completed a cytopathology residency in Athens prior to this residency), and Dr. Stephen Marbut, a University of South Alabama graduate who was also chosen by his class as the graduation speaker.

Carole Boudreaux, Maggi O'Brien, and Allan Tucker received the Red Sash award from the 2012 medical student class. The pathology course tied for best basic science course, and the electron microscopy course won as best fourth year rotation. The Betsy D. Bennett award for outstanding teaching in the second year small group by a resident went to Dr. Rock Adams and Dr. Kalli Faulkner. The faculty recognition award for excellence in residency teaching was presented to Dr. Andrea Kahn. Ms. Kathy Cannon received the award from the housestaff for outstanding contributions to their educational experience from a staff member. The William A. Gardner, Jr., award for an outstanding pathology performance by a graduating medical student went to Mr. Travis Harris.