

More information on...

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Pathology & Laboratory Medicine
Emory University School of Medicine
Emory University Hospital
Room H183
1364 Clifton Road, NE
Atlanta, GA 30322, USA

renal, neurologic, and hematologic pathology. Throughout the program we emphasize graduated responsibility, with residents and fellows playing an integral role in the supervision of junior residents.

Diagnostic case signouts represent the cornerstone of the anatomic pathology rotations. These are conducted exclusively by faculty interacting directly with residents around multi-headed microscopes in state-of-the-art facilities equipped with digital dictation equipment. An integral part of the program is the core lecture series which, over a three year period, covers all topics in anatomic pathology. Aimed at practical problems, this sequence begins with tissue artifacts and processing, progresses to organ specific pathology, and concludes with laboratory management and administration. Lectures are given by Emory faculty and selected outside guest professors. Teaching conferences include a weekly surgical pathology unknown conference, a daily surgical pathology consensus conference, a weekly gross and autopsy pathology conference, a weekly cytology consensus conference, and a monthly journal club. The departmental Pathobiology Conference allows residents to develop an understanding of the molecular mechanisms underlying various diseases through a critical analysis of a current scientific paper. Each year the Division of Anatomic Pathology also sponsors a CME course entitled *Diagnostic Problems in Anatomic Pathology*, a case-based seminar which attracts pathologists from all over the Southeast.

Our faculty have numerous and diverse research interests ranging from the basic biology of epithelial cell attachments to clinical problems in tumor diagnosis. Many have strong collaborative ties with the Winship Cancer Institute and have developed robust translational research programs and specialized centers of excellence. They are supported by exceptional facilities including a tissue bank located in the Department of Pathology, laser capture and microdissection equipment, and a digital imaging center.

Finally, as a group, we take pride in teaching and particularly in the quality of our interactions with our residents. We encourage them to seek us out to obtain help with a case, solicit career advice, or exchange ideas informally. Residents are our junior colleagues, and their accomplishments are also ours. Our goal is to "train pathologists who will make a difference" whether they chose a career path in academic medicine or in clinical practice.

*Meet our Anatomic Pathology faculty...***Carlos R Abramowsky, MD**

Professor
Pediatric Pathology

Clinical Focus -

My interests are focused on diagnosis of pediatric pathologic disorders affecting children of all ages. I take special interest in fetal and neonatal pathology and placental pathology. Other interests include: immunodeficiencies, gastrointestinal and liver disorders, placental inflammation, transplant pathology.

Research Interests -

Placental mechanisms of defense against infections, Primary Immunodeficiencies. - My research deals with placental responses (cytokines, cellular responses) to infections (HIV, malaria) that may affect the fetus. I also investigate immunodeficiencies, liver diseases, and transplantation.

**Vanesa Bijol, MD**

Assistant Professor
Renal Pathology

Clinical Focus -

My clinical service responsibilities include primarily renal pathology service, as well as autopsy and cardiovascular pathology service at Emory University Hospital. Our Nephropathology and Electron Microscopy Laboratory processes about 1,200 renal biopsies a year providing a service to about two-hundred nephrologists in and outside of Georgia.

Research Interests -

- My current research interest is in endothelial cell injury occurring in sickle cell disease; we study the reversibility of renal parenchymal changes after bone marrow transplantation in a knockout mouse model of sickle cell disease. We have been studying changes in expression of immunohistochemical markers of podocyte differentiation in HIV-associated and idiopathic forms of collapsing glomerulopathy. More recently, I have been working on an internet-based, interactive nephropathology textbook, which is going to be an exciting and powerful teaching tool for medical students, residents, nephrology fellows, nephrologists, and pathologists; this website will be available for use in the near future!

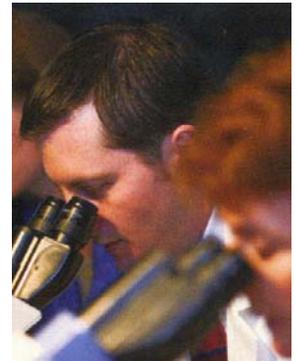
**George G. Birdsong, MD**

Associate Professor
Cytopathology
Surgical Pathology

Clinical Focus -

At Grady Memorial Hospital, I am the Chief of Service for Anatomic Pathology. I am most heavily involved in the busy Cytopathology service, which runs 3 free-standing Fine Needle Aspiration clinics each week in addition to processing a substantial number of atypical Pap tests. I am also working toward optimizing use of the Laboratory Information System, and improving the quality assurance procedures in the department.

Positions in national organizations -
President, American Society of Cytopathology



Member, SNOMED International Standards Board (CAP representative)

Research Interests -

Research Overview - I am interested in all aspects of cytopathology, and particularly quality assurance in gynecologic cytopathology. During my term as a member of the Cytopathology Resource Committee of the College of American Pathologists, I authored or co-authored several studies aimed at defining the diagnostic accuracy of the Pap test, and I have done several presentations to the Clinical Laboratory Improvement Advisory Committee of CDC on behalf of the American Society of Cytopathology.

Daniel J Brat, MD, PhD

Associate Professor
Cancer Biology
Neuropathology

Clinical Focus -

I am one of three neuropathologists who together evaluate all of the case material from the Emory Healthcare, Children's, and Grady hospitals. I also co-direct the Pathology residency, with an emphasis on recruitment and career development.

Laboratory website - <http://www.pathology.emory.edu/WCIPathCore/>

Research Interests -

Mechanisms Underlying Glioblastoma Progression - We investigate mechanisms responsible for the biologic progression to glioblastoma (GBM), the highest grade astrocytoma, including genetic alterations, hypoxia, and angiogenesis. Progression to GBM is characterized pathologically by focal tumor necrosis, typically with surrounding pseudopalisading cells, and microvascular hyperplasia, a type of angiogenesis. We recently demonstrated that pseudopalisading cells around necrosis represent hypoxic tumor cells migrating away from central vascular occlusion, which is often associated with intravascular thrombosis. This process results in peripheral hypoxia-induced microvascular hyperplasia and neoplastic expansion outward. Since the pro-thrombotic protein tissue factor is known to be upregulated in gliomas, we are investigating whether genetic alterations or hypoxia may cause increased levels of its expression. Thus far, we have demonstrated that both PTEN loss and hypoxia cause increased tissue factor expression by glioma cells and that plasma coagulation is accelerated by these changes. We have determined that Egr-1 is the most important transcription factor for the hypoxic upregulation of tissue factor. We are also investigating whether PTEN loss by gliomas could trigger endothelial apoptosis and tissue factor expression by secreting factors that cause vascular injury. Since the formation of necrosis and the presence of hypoxia are tightly linked with angiogenesis in GBM, we have attempted to establish the relationship between genetic alterations, such as TP53 and PTEN mutations, and hypoxia-inducible gene expression, including HIF, HIF targets (VEGF), and other genes critical for angiogenesis (bFGF, IL-8). Angiogenesis requires a loss of its inhibitors as well as pro-angiogenic factors and we have recently demonstrated that the anti-angiogenic factor brain angiogenesis inhibitor-1 (BAI1) is lost or down-regulated in the majority of glioma cell lines and human GBMs and its expression is not regulated by p53. We are investigating mechanisms by which this transmembrane receptor exerts its anti-angiogenic and anti-tumorigenic properties.



Steven D Budnick, DDS

Associate Professor
Oral Pathology

Clinical Focus -

I am Director of the Head and Neck Biopsy Service, which currently evaluates 7,000 biopsy specimens per year from both inside and outside the Emory system.

Research Interests -

Mucosal dysplastic disease and salivary gland tumors -



Cynthia Cohen, MD

Professor
Surgical Pathology
Immunohistochemistry

Clinical Focus -

I am the Director of Immunohistochemistry and Image Cytometry. My clinical focus is on General Surgical Pathology with specialization in immunohistochemical assessment and quantitation of diagnostic, prognostic, and predictive markers in tumors. I participate in Surgical Pathology Resident and Fellow teaching, including their involvement in clinical research projects.

Research Interests -

Clinically applied research in immunohistochemistry and image cytometry - My current interests involve the study of expression of diagnostic, prognostic, and therapeutic predictive markers. This includes the use of rabbit monoclonal antibodies in breast carcinoma, in situ hybridization for cytomegalovirus, EBV-encoded RNA, and immunoglobulin light chain restriction, a panel of tumor markers in triple negative breast carcinoma, and EGFRVIII in glioblastoma multiforme.

Translational research - I collaborate with basic researchers in nanotechnology on breast cancers, and in melanoma and ovarian and pancreatic carcinoma, providing immunohistochemistry services.



Andrea T Deyrup, MD, PhD

Assistant Professor
Surgical Pathology
Bone and Soft Tissue Pathology

Clinical Focus -

At Emory Crawford Long hospital, I am responsible for general surgical pathology, cytopathology and autopsy pathology. In addition, we have a strong orthopedic oncology program which gives me the opportunity to focus on benign and malignant tumors of soft tissue and bone.

Research Interests -

Sarcomas of bone and soft tissue - Recently I have been focusing on vascular neoplasms of soft tissue including cutaneous angiosarcomas, epithelioid hemangioendotheliomas and atypical vascular lesions of the breast. In addition, I have begun a collaborative effort with the Winship Cancer Institute in order to examine applications of nanotechnology to our understanding of osteosarcoma.



Anthony Andrew Gal, MD

Professor
Surgical Pathology
Pulmonary Pathology

Clinical Focus -

Surgical pathology, pulmonary, pleural, and mediastinal pathology, infectious disease pathology, medical history

Research Interests -

I am involved in the histopathologic diagnosis of biopsies from the lungs, pleura, and mediastinum. Furthermore, I am also involved in numerous clinicopathological and translational studies in thoracic pathology with colleagues in pulmonary medicine, thoracic surgery, oncology, and other basic scientists. My primary research interests are in lung cancer, where I am director the Lung Pathology and Molecular Analysis Core for the Emory Lung Cancer Program Project;

<http://sisyphus.emory.edu/lungcancer/>. In addition, I serve as an integral member and investigator in the Emory Interstitial Lung Disease (ILD) Center <http://www.medicine.emory.edu/pulm/ild/>.



Larry I Giltman, MD

Associate Professor
Surgical Pathology

Clinical Focus -

My main interests in the fields of both Anatomic and Clinical Pathology include medical education, as well as diagnostic surgical pathology. In addition, I serve on the editorial board of the Journal of



Randy L Hanzlick, MD

Professor
Forensic Pathology

Clinical Focus -
As the Chief Medical Examiner of Fulton County, Georgia and Professor of Forensic Pathology at Emory School of Medicine, clinical focus is centered on autopsy pathology, forensic pathology, and medicolegal death investigation. Related weblink - <http://www.fcmeo.org>
Related weblink - http://www.pathology.emory.edu/LabPages/Faculty_AddlInfo_HanzlickR.cfm

Research Interests -
Forensic Pathology - Major interest areas include the development of professional guidelines, improvement in death investigation practices, death certification and mortality data, electronic data system development and data sharing, and the role of the medical examiner in public health surveillance and epidemiological research.



Michael M Heninger, MD

Assistant Professor
Forensic Pathology

Clinical Focus -
Medico-legal death investigation - This includes supervision and review of death scene investigation, performance of autopsies, interpretation of test results on samples collected at autopsy, review of medical history, preparation of documents related to death investigation, determining cause and manner of death, testifying in court as an expert witness, public health surveillance, and teaching of fellows and residents. Related weblink - <http://www.fcmeo.org>

Research Interests -
Research Overview - - Collaboration with others interested in our data -Current projects include a cadmium project with the CDC, an ongoing study of suicide demographics with Emory Psychology department and a couple other descriptive papers of general interest to Forensic Pathology. I am open to collaboration with others.



Randolph A Hennigar, PhD, MD

Associate Professor
Renal Pathology
Autopsy Pathology

Clinical Focus -
The Laboratory of Nephropathology and Electron Microscopy at Emory University Hospital processes between 1100-1200 renal biopsies a year. Specimens are received from all over the state of Georgia. The lab boasts a new state-of-the-art Philips Morgagni 268 electron microscope.

Autopsy Services at Emory University Hospital performs about 100 medical autopsies a year.



Stephen B Hunter, MD

Associate Professor
Neuropathology
Surgical Pathology

Clinical Focus -
I am co-director of the diagnostic neuropathology service with an interest in neurooncology and infectious diseases of the nervous system. I also participate in the diagnostic surgical pathology service. My clinical focus is on the integration of diagnostic neuropathology and surgical pathology.

Research Interests -
- My research interest are focused on the use of formalin-fixed paraffin embedded tissue specimens for molecular analysis and diagnosis, including quantitative PCR, in-situ hybridization and DNA sequencing.



Carolyn S. Katzen, MD

Assistant Professor
Surgical Pathology

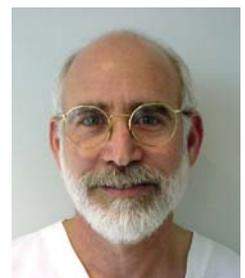
Clinical Focus -
As an attending anatomic pathologist at the Crawford Long campus, I provide clinical services in general surgical pathology, autopsy pathology, and cytopathology. Our large and varied case mix at Crawford Long offers rich opportunities for residents and fellows to experience a busy general pathology service. With more than 10 years of earlier experience in private practice, I am especially interested in practice management, finance, and the evolving pathology marketplace.



Eric L Kiesel, MD, PhD

Assistant Professor
Forensic Pathology

Clinical Focus -
As Deputy Chief Medical Examiner of Fulton County, Georgia and Assistant Professor at Emory School of Medicine, my clinical focus is on autopsy pathology, forensic pathology and medicolegal death investigation. An additional focus is to review all child fatalities that occur within Fulton County, Georgia and represent the Fulton County Medical Examiners Center at the Fulton County Child Fatality Review Committee.



Stephen K Lau, MD

Assistant Professor
Surgical Pathology

Clinical Focus -

My signout responsibilities at the VAMC include autopsy pathology, surgical pathology and cytopathology.

Research Interests -

I am mainly interested in: - 1. Carcinogenesis - This is done mostly in collaboration with researchers from Winship Cancer Institute. The tumors under study include breast carcinoma, prostate carcinoma and non-small cell lung carcinoma.
2. Informatics - This is done in collaboration with Dr. Vijay Varma from our division at the VAMC. The goal is to improve reporting of specimens to facilitate data mining.

Melinda Moore Lewis, MD

Associate Professor
Cytopathology

Research Interests -

Women's Health Issues - I have centered my research interests on women's health issues, particularly on breast cancer. My research focus is the application of new technology, including flow cytometry, fluorescent in situ hybridization (FISH), PCR, and mass spectrometry (SELDI-TOF) to enhance the diagnostic, prognostic, and predictive power of cytologic specimens.



James V. Little, MD

Assistant Professor
Surgical Pathology

Clinical Focus -

My clinical focus is in surgical pathology and cytopathology at Emory Crawford Long Hospital. This includes an emphasis on bone and soft tissue pathology, breast pathology, and gynecologic oncology. I am also the Director of Pathology Services at Emory Johns Creek Hospital.

Research Interests -

Quality Assurance Metrics - Collaborative work with the CDC and the University of Pittsburgh Cooperative Agreement to assess efficacy, economic impact and patient care outcomes of frequently employed metrics in Quality Assurance in the anatomic and clinical laboratories.



Sanjay Logani, MD

Assistant Professor
Surgical and Gynecologic Pathology
Cytopathology

Clinical Focus -

I handle both general surgical pathology and cytopathology at Emory University Hospital. Our division of general surgical pathology handles a large volume of cases predominating in lung, prostate, breast, gynecologic and GI specimens. We have a busy fine needle aspiration service with the cytopathology faculty handling all onsite evaluation of specimens along with the fellow or resident. In addition, I offer expert consultation in the area of gynecologic pathology (please see separate website link).

Research Interests -

Novel immunohistochemical markers to gynecologic specimens - My research focus is in application of novel immunohistochemical markers to gynecologic specimens particularly from the ovary. In addition, we have a basic science research division focussing on ovarian and endometrial cancer within the department of Gynecology and Obstetrics, with active collaborations between myself and researchers in that division. I have numerous extramural collaboration with basic researchers from the Ovarian Cancer Institute (<http://www.ovariancancerinstitute.org>) involved in gene expression analysis of ovarian carcinoma.



Bhagirath Majmudar, MD

Professor
Surgical Pathology

Clinical Focus -

I am a Surgical Pathologist working at Grady Memorial Hospital. I am particularly interested in Gynecologic Pathology and its clinicopathologic correlations.

Research Interests -

Research Overview - Infectious and Neoplastic Diseases in Gynecology. I am primarily interested in clinically based Pathology Research. My passion is to teach what I learn.



Marina Mosunjac, MD

Assistant Professor
Surgical Pathology

Clinical Focus -

I am the Director of Surgical Pathology department at Grady Memorial Hospital that averages 15 000 surgical specimens a year serving an economically disadvantaged population including over 4000 HIV positive patients. With Grady being a part of Georgia Cancer Center and Avon-funded Breast Cancer Center, my clinical interests include breast and GYN pathology as well as malignancies associated with HIV.

Research Interests -

Epidemiological and morphological changes in AIDS - My current research interest is focused on studying the epidemiological and morphological changes in AIDS associated pathology which became especially visible with the introduction of potent retroviral and protease inhibitor therapy bringing new pathological entities and a new range of toxic pathologic damage. I am involved in creating a database and a depository of HIV pathology cases in our department alone, and as a part of AIDS and Cancer Specimen Resource (ACSR) sponsored by The National Cancer Institute.



Mario Mosunjac, MD

Assistant Professor
Surgical Pathology
Autopsy Pathology



Clinical Focus -

I am the Director of Autopsy Services and also a surgical pathologist. My clinical focus involves academic and administrative responsibilities related to the Autopsy Service at Emory and Grady Memorial Hospital, surgical pathology sign-out at Grady, resident and medical student teaching in autopsy techniques and procedures, participating in the Anatomic Pathology core lecture series, and Morbidity & Mortality conferences.

Research Interests -

Research Overview - My main interests are in studying clinicopathological aspects of sudden, unexpected and unusual causes of death, HIV and peripartum cardiomyopathy, changing patterns of HIV-related morbidity & mortality, and myocardial reperfusion injury.

Susan Muller, DMD

Associate Professor
Oral Pathology

Clinical Focus -

I am actively involved in the head and neck pathology service, which receives specimens from the metropolitan Atlanta region and outlying counties. I provide expert consultation in the typing of odontogenic cysts and tumors, salivary gland tumors, and unusual neoplasms of the upper aerodigestive tract.

Research Interests -

Overview - I collaborate with researchers at Winship Cancer Institute investigating molecular markers of oral cancer, including models of oral cancer metastasis. Another project is looking at predictors of malignant transformation of oral leukoplakia. Other research interests include participation in a chemoprevention trial for patients with oral dysplasias to see if this will impede transformation to oral cancer. Working closely with the Otolaryngologists on faculty, I am involved in the histologic typing of various head and neck tumors, particularly odontogenic and salivary gland tumors and how they relate to clinical outcomes.



Aziza Nassar, MD

Assistant Professor
Surgical Pathology
Cytopathology

Clinical Focus -

My area of interest in Surgical Pathology includes breast tumors, and in Cytopathology is Gynecologic cytopathology. In breast tumors, my focus is on prognostic and predictive markers of breast cancer. In gynecologic cytopathology, I am interested in epidemiology of cervical cancer and role of human papillomavirus in cervical oncogenesis



Victor H Nassar, MD

Professor
Surgical Pathology

Clinical Focus -

I am a Surgical Pathologist with over 30 years of experience in diagnostic surgical pathology, and particular expertise in GI path & intestinal lymphoproliferative disorders. I am motivated by resident interactions and clinicopathologic correlations with clinical colleagues and joint conferences. I now work exclusively at Grady Hospital.



Gabriela M Oprea, MD

Assistant Professor
Surgical Pathology
Cytopathology

Clinical Focus -

I provide pathology and cytology services at Grady Memorial Hospital that averages 15 000 surgical and 30 000 cytology specimens/year, with active FNA clinic involvement. My emphasis is on cytological diagnosis with histopathology correlation.

Research Interests -

Breast Cancer - My current interest relates to breast cancer: The in-homogenous nature of breast cancer, proven by gene micro array represents a challenge to the researcher, and as the principal investigator of the breast tissue bank, I am interested in questioning the molecular events of breast carcinogenesis in the context of its in-homogeneity as applied to a racial diverse, economically challenged population.

HIV Infection in Women - In addition I am interested in an in depth study of the effect of the HIV infection, from reactive to neoplastic, on different organs and systems, with emphasis on women health issues.



Douglas C Parker, MD

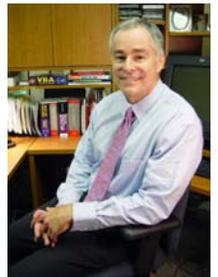
Assistant Professor
Surgical Pathology
Dermatopathology

Clinical Focus -

My primary clinical duties involve the histopathologic interpretation and diagnosis of skin lesions at both Emory University Hospital and Grady Memorial Hospital. I also spend a portion of my clinical time involved in the diagnosis of surgical pathology specimens. In addition to diagnostic pathology responsibilities, I am extensively involved in the teaching of dermatology residents, pathology residents and medical students. I serve as assistant course director for the second year medical student pathology course.

Research Interests -

Melanocytic neoplasms, melanoma; unusual variants of melanoma including desmoplastic melanoma; sentinel lymph nodes in melanoma. - My primary research focus is melanocytic neoplasms, with emphasis on unusual variants of melanocytic nevi and melanoma including desmoplastic melanoma. In addition, I am involved in clinical, histopathologic and immunohistochemical studies aimed at further delineating the role of sentinel lymph node biopsy in melanoma and melanocytic neoplasms of uncertain biologic potential.



Judy H Sequeira, MD

Assistant Professor
Surgical Pathology

Clinical Focus -

I am the Director of Anatomic Pathology at Emory Crawford Long Hospital, covering Surgical pathology, Autopsies and Cytopathology including Fine Needle Aspirations. I have particular interest in breast pathology, and am participating in putting together a database of information on breast cancers from our institution.



Charles W Sewell, MD

Professor
Surgical Pathology
Breast Pathology



Clinical Focus -

I am a surgical pathologist with twenty-five years and special expertise in Breast Pathology.

Research Interests -

Breast Disease - Current investigative activities in breast disease are concentrated in pathologic-mammographic correlation studies. There is particular interest in core needle biopsy, radial sclerosing lesions, ductal carcinoma in situ, atypical ductal hyperplasia, and lesions which produce mammographic distortions such as lobular carcinoma.

Shobha Sharma, MD

Assistant Professor
Surgical Pathology
Gastrointestinal Pathology



Clinical Focus -

I am the interim Director of Surgical Pathology at the Emory University Hospital, and I also co-direct the residency program. In addition to subspecialty expertise in medical gastrointestinal and hepatopathology, I have a strong and broad interest in all aspects of general surgical pathology particularly as they relate to preparing residents to become pathologist physicians.

Bahig M Shehata, MD

Associate Professor
Pediatric Pathology



Clinical Focus -

I direct the pathology services at Children's Healthcare of Atlanta, with oversight of all anatomic and clinical pathology activities at the Egleston and Scottish Rite campuses.

My primary focus is in the area of cardiovascular pathology in general, and specifically in Histiocytoid cardiomyopathy where I have the registry for this disease with an attempt to identify the gene for this fatal childhood disease.

My other area of interest is in Hirschsprung disease, and intestinal dysmaturity in children.

My general interest is in the area of childhood tumors with an emphasis in diagnostic, molecular and genetic basis.

Research Interests -

Identification of the gene for histiocytoid cardiomyopathy - I maintain the registry for histiocytoid cardiomyopathy. We are currently performing comparative genomic hybridization from the available tissue in the registry.

Neuroblastoma Animal Model - Identification of new therapeutic modalities in animal model. This result set will be applied to Phase I trial in children with neuroblastoma who fail all other regimens of treatment.

Causes of Still Birth - Through a nationwide NIH grant, we are performing fetal and placental evaluation in an attempt to find causes of unexplained still births.

Cartilage Injury in Hemophilia Animal Model - We are examining hemophilic mice knees to grade the degree of cartilage damage in an attempt to explain cartilage injury in hemophilic children.

Momin T Siddiqui, MD, FIAC

Assistant Professor
Cytopathology



Clinical Focus -

I am the Director of Cytopathology and also the Director of Cytopathology Fellowship Training Program for Emory University Hospitals. My clinical focus involves academic and administrative responsibilities related to the Cytopathology Laboratory, Fine needle aspiration service, resident and fellow teaching and participating in the Anatomic Pathology lecture series for residents and fellows.

Research Interests -

Molecular marker usage in Cytopathology - My current interests include usage of molecular markers in Fine needle aspiration and cervical cytology specimens for further characterization of neoplastic lesions. I am currently working on ProExC (Aberrant S-Phase Induction) usage in cervico-vaginal smears and anal pap smears for detection/confirmation of HPV related high grade intraepithelial lesions.

Geoffrey P Smith, MD

Assistant Professor
Forensic Pathology



Clinical Focus -

I specialize in medico-legal death investigation at the Fulton County Medical Examiner's Office, with interest in forensic neuropathology, gunshot injuries, and deaths related to acute and chronic alcoholism. Other areas of interest include teaching of autopsy pathology to residents, and instruction to forensic pathology trainees with emphasis on approaches to dealing with complex forensic problems

Laboratory website - <http://www.fcmeo.org/>

Michele T Stauffenberg, MD

Assistant Professor
Forensic Pathology



Clinical Focus -

As a deputy medical examiner, I perform approximately 100 medicolegal autopsies per year and supervise another 100 performed by residents and fellows in the Emory pathology training program. My particular interest is in traffic and toxicology fatalities. In addition to my usual duties, I serve as the Associate Director of Training for the Forensic Pathology fellowship.

Related weblink - <http://www.fcmeo.org>

Talaat S Tadros, MD

Associate Professor
Surgical Pathology
Cytopathology



Clinical Focus -

Performing and interpreting the Fine Needle Aspiration on breast lumps and other palpable masses in the Comprehensive Breast Center (15-25 cases/week) in three clinics/week · Interpretation of GYN (Pap smears) and non-GYN Cytology (100 case/day)

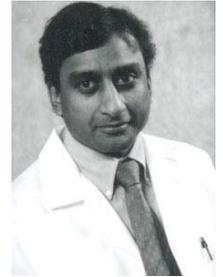
Research Interests -

Human papillomavirus in cervical pre-invasive lesions and cervical carcinoma - collaboration with CDC focuses upon the detection of the molecular aspects of Human papillomavirus in cervical pre-invasive lesions and cervical carcinoma. Other interest: Breast Diseases

Anal Pap Smears -
Breast FNA -

Vijay Alluri Varma, MD

Associate Professor
Surgical Pathology



Research Interests -

Cancer Genetics - Molecular genetics of prostate cancer

Biomarker discovery

Informatics - Data modeling, Data mining, Data visualization

Dwight R Weathers, DDS, MSD

Professor
Oral Pathology



Clinical Focus -

I am an Oral, Head and Neck Pathologist on service at Emory Hospital. I also hold an Oral Disease Clinic, diagnosing and treating unusual oral diseases and conditions at the Emory Clinic. I also am Director of the Office of Dental Programs, providing services and support for Emory dental alumni.

Research Interests -

Overview - - My research has largely been translational. The etiology and progression of mucosal dysplasia in the oral cavity is one of my primary areas of interests. I am also actively involved in the treatment of vesiculobullous diseases of the oral cavity, particularly, lichen planus.

Sharon W Weiss, MD

Professor
Surgical Pathology
Soft Tissue Pathology



Clinical Focus -

Dr. Weiss is a surgical pathologist who directs Emory's Expert Consultation Service in Anatomic Pathology. She specializes in the diagnosis of bone and soft tissue neoplasms and oversees a large soft tissue diagnostic service which encompasses over 3000 cases sent to her for a second opinion as well as cases from within the Emory system. Her daily signouts which include residents, a soft tissue fellow, and occasionally visitors from other institutions provide the educational venue for review of these materials. In addition she directs the ACGME-accredited year long soft tissue fellowship.

Dr. Weiss is also the newly appointed Associate Dean for Faculty Development (part-time) and is responsible for the development of school of medicine wide initiatives for developing programs to enhance faculty success.

Research Interests -

Clinicopathologic features and biomarkers of soft tissue neoplasms - Dr. Weiss' research focuses on the clinicopathologic features and biomarkers that characterize soft tissue neoplasms. Her publications have centered on the several themes: borderline vascular tumors, pleomorphic sarcomas, and dedifferentiation in liposarcomas. She is attributed with seminal descriptions of a number of new entities including pleomorphic hyalinizing angiectatic tumor of soft parts, paraganglioma like dermal melanocytic tumor, spindle cell hemangioma, and kaposiform hemangioendothelioma.