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Nita Ahuja MD

Dr. Ahuja is an Assistant Professor of Surgery and Oncology at Johns Hopkins University School of Medicine. She received her medical school degree from Duke University followed by general surgery training at Johns Hopkins University. She then completed advanced fellowship training in surgical oncology at Johns Hopkins before joining the faculty at Johns Hopkins as a surgical oncologist. Dr. Ahuja specializes in treatment of cancers of the gastrointestinal system including gastric cancers, recurrent colorectal cancers and retroperitoneal sarcomas. She is Director of the peritoneal surface malignancy program at Johns Hopkins for treatment of advanced cancers using cytoreductive surgery and heated intraperitoneal chemotherapy. She leads a large laboratory focused on development of epigenetic biomarkers for early detection and epigenetic therapy for cancers. Her work is recognized nationally in the field of cancer epigenetics and she has coauthored several landmark papers on epigenetic changes in colorectal cancers. Dr. Ahuja has published extensively in major scientific journals and also coauthored multiple books on cancer. She serves on the Editorial Boards of the American College of Surgeons: Selected Readings in General Surgery and the Journal of Surgical Research and is a reviewer for the major cancer research journals. Dr. Ahuja also has served as the Cancer Liaison Physician for Johns Hopkins to the Commission on Cancer since 2005 and serves on the Medical School Council. Currently, Dr. Ahuja serves in a leadership role in the Stand Up To Cancer Dream Team on development of epigenetic therapy in solid tumors and is focused on development of early detection markers for colorectal cancer.

Adriana Andrade, MD

Dr. Adriana Andrade is an Assistant Professor of Medicine at the Johns Hopkins University. She received her MD degree from the University Federal de Minas Gerais, Belo Horizonte, Brazil. Dr. Andrade is formally trained in public health and holds a M.P.H. degree from the Johns Hopkins University School of Hygiene and Public Health. She is also board certified in internal medicine and completed a fellowship in clinical pharmacology at the Johns Hopkins University. Dr. Andrade is a Co-Principal Investigator at the Johns Hopkins AIDS Clinical Trials Unit. Dr. Andrade has worked internationally providing training and giving lectures on drug-drug interactions with antiretroviral agents in Brazil, South Africa and India. She also participated in the development of clinical materials used to standardize delivery of care in local HIV clinics in Pretoria, South Africa. She is involved in the development of educational materials used in resource poor-settings for the management and treatment of HIV/AIDS and its complications. Her main areas of research interest involve adherence to antiretroviral therapy and drug interactions involving antiretrovirals and complementary and alternative medicine agents. Dr. Andrade is also a clinician at the Moore HIV Clinic, at the Johns Hopkins University.

Susan Aucott, MD

Dr. Aucott is an Assistant Professor of Pediatrics. She is a graduate of Mount Holyoke College, and The Johns Hopkins University School of Medicine. She completed her residency, Chief Residency and Neonatal Fellowship at Rainbow Babies and Children's Hospital in Cleveland,

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Ohio. She has an active role in the clinical leadership in the Division of Neonatology where she is the Medical Director of the Neonatal Intensive Care Unit at the Johns Hopkins Hospital, Medical Director of the Neonatal Nurse Practitioner Program. She additionally provides clinical care at both the Johns Hopkins and the Bayview Medical Center's NICU's. Dr. Aucott's research interest has been focused on the treatment and prevention of chronic lung disease, with a particular interest in steroid therapy and the contribution of relative adrenal insufficiency. She has participated in a number of multicenter trials to address this complex question, and is active in clinical research in the division. In addition, Dr. Aucott is the Director of the fellowship training program in Neonatal-Perinatal Medicine, and serves on the executive committee for the Organization of Neonatal Training Program Directors. She is a member of the GME committee at Hopkins, and as a member of the internal review subcommittee, assists in chairing the internal reviews of training programs within the institution.

Serena Bagnasco, MD

Dr Serena Bagnasco is Associate Professor in the Department of Pathology, and Director of the Renal Biopsy Service. Dr Bagnasco obtained her MD degree from the University of Genova in Italy, and spent several years in the Laboratory of Kidney and Electrolyte Metabolism NIH/NHLBI, for her research post-doctoral training in kidney physiology. She then completed a Residency in Anatomic Pathology at Northwestern University in Chicago, and a Clinical Fellowship in Renal Pathology at Johns Hopkins, before joining the Faculty of the Department of Pathology at Emory University in Atlanta, where she was Associate Professor until 2004, when she moved to Hopkins. Here research interests focused on osmoregulation and urea transport in the renal medulla, which are the topic of most of her publications, and for which she was awarded NIH R01, and American Heart Association grants as PI. More recently her research has included more translational types of investigations, particularly on biomarkers of renal injury in transplantation.

Gail V. Berkenblit, MD/PhD

Dr. Gail Berkenblit is currently Assistant Professor of Medicine in the Division of at the Johns Hopkins University School of Medicine. Dr. Berkenblit received her undergraduate degree from MIT in 1990. She began her medical training in the Health Sciences and Technology joint program between Harvard and MIT. She completed her PhD in the division of Cell and Developmental Biology at Harvard, discovering the role of homeobox genes in uterine development and embryo implantation. She completed medical school and residency training in internal medicine at Johns Hopkins. Dr. Berkenblit joined the faculty as a clinician educator in the division of general internal medicine. She is actively involved in the Osler residency training program and is the Firm Faculty Leader for the Janeway Firm. She has also been active in medical student teaching and was a member of the College Advising Program faculty for five years. Dr. Berkenblit's research interests focus on training physicians in HIV testing and care. Dr. Berkenblit has an active clinical practice in general Internal medicine and also in the Moore Clinic providing HIV care. She has been the educational chair for a CDC grant promoting HIV

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testing among PCPs and has recently been named the Chairman of the Society for General Internal Medicine's AIDS Task Force. Dr. Berkenblit has one daughter, age 3.

Ravit Boger, MD

Ravit Boger, MD, is an Assistant Professor in the Department of Pediatrics, Division of Infectious Diseases. She received her medical degree from Sackler School of Medicine, Tel-Aviv, Israel, and completed her pediatric residency at Dana Children's Hospital, Tel-Aviv, Israel. She then completed a fellowship program in Pediatric Infectious Diseases at Johns Hopkins Hospital, where she initiated her research on congenital Cytomegalovirus (CMV) infection. Dr. Boger joined the faculty at Johns Hopkins University School of Medicine in 2003, and has continued her studies on characterizing CMV strains and understanding their impact on pathogenesis and outcome of congenital CMV infection. In addition, her laboratory is actively involved in research of novel compounds for CMV therapy. Her work is funded by the NIH, and has been published in several research journals. Dr. Boger is a member of the collaborative anti-viral study group and is a site principal investigator for a clinical trial of val-ganciclovir in congenital CMV infection.

Mary Beth Brady, MD, FASE

Mary Beth Brady is the director of the Johns Hopkins Intraoperative Transesophageal Echocardiography Program and has been in this role since 1997. In addition, Dr Brady was recently named the Medical Director of the Johns Hopkins Post Anesthesia Care Unit. She received her undergraduate and medical school degrees at Georgetown University. In 1994, she came to Johns Hopkins as a resident in Anesthesiology and Critical Care Medicine. At the completion of her residency, she began a combined fellowship in cardiac anesthesia and vascular-thoracic anesthesia. She was the first such resident to complete this combined fellowship at Hopkins. At the end of her fellowship, Dr Brady was recruited by the division of cardiac anesthesia to head the Intraoperative Transesophageal Echocardiography. In this role, she developed and implemented a curriculum to teach this highly technical skill. As such, she has been actively involved in the training of at least forty two fellows; many of whom are now in academic roles across the country. Dr Brady has received grant funds to support her work in transesophageal echocardiography simulation. She is a fellow of the American Society of Echocardiography and is board certified in advanced Perioperative Transesophageal Echocardiography. She is on the editorial board of *Seminars in Cardiovascular and Thoracic Anesthesia*. In the last 10 years, she has had a significant presence in the Society of Cardiovascular Anesthesiologists. Dr. Brady is nationally known as an expert in Transesophageal Echocardiography and has given a multitude of invited talks on a national and international level. Interestingly, she is one of only two female faculty members in the Hopkins division of cardiac anesthesiology. Of note, in the year 2000, Dr. Brady became a part time faculty member. The timing coincided with the birth of her first child. Just recently she has committed to full time faculty status. Her daughters are now 9 and 10 years old.

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Hetty E. Carraway, MD, MBA

Dr. Hetty Carraway is an Assistant Professor of Oncology in the Division of Hematological Malignancies and Cancer Biology Program. Dr. Carraway received her medical degree from the University of Massachusetts and completed her internship and residency in Internal Medicine at Johns Hopkins Hospital. Dr. Carraway completed her specialty training in Oncology at Johns Hopkins as well as her MBA with a focus in the Business of Medicine from The Carey Business School at Johns Hopkins. Dr. Carraway has a long standing interest in epigenetics which started during her research years as an oncology fellow. Her clinical translational goal is to develop novel therapies for patients with myelodysplastic syndrome, acute myeloid leukemia and acute lymphocytic leukemia. She is currently the principal investigator on 2 clinical trials for adult patients with acute lymphocytic leukemia and one clinical trial (investigator initiated) for elderly patients with acute myeloid leukemia. She has previously received funding for her translational research through a DOD award as well as a FAMRI grant. She was a recipient of the Peal Stetler Research Award for Women Physicians during her fellowship. Dr. Carraway maintains an active clinical practice, and attends frequently on the adult acute leukemia service in Weinberg Cancer Center.

Shukti Chakravarti, PhD

Shukti Chakravarti, Ph. D. is an Associate Professor in the Division of Gastroenterology, Department of Medicine. She also holds secondary appointments in the Departments of Ophthalmology and Cell Biology. She received her MS and Ph. D from the University of Pittsburgh and became an independent researcher in Case Western Reserve University, Cleveland. She relocated to Johns Hopkins University in 2000. Her research involves the study of extracellular matrix proteoglycans and how they regulate fundamental cellular functions like adhesion, proliferation and migration in health and disease. By developing gene targeted mice deficient in a proteoglycan she established a crucial role for this molecule in regulating the corneal stromal cells, collagen matrix structure and corneal transparency for optimal vision. Her work also shows that these versatile proteoglycans interact with immune cells to regulate their innate immune and inflammatory response. In Case Western Reserve University she was invited to collaborate with a group of gastroenterologists to examine the role of extracellular matrix proteins in Inflammatory Bowel Disease (IBD). Dr. Chakravarti began some of the earliest gene expression studies of this complex disease. Published in 2001 this study identified a set of genes whose expressions were altered in IBD. After relocating to Johns Hopkins she continued her research on the ECM proteins and gene expression studies of IBD. She also established a chronic colitis model in the mouse to investigate the role of ECM genes in inflammation and fibrosis. She has had continuous NIH funding since 1995 and received funds from Crohn's and Colitis Foundation and the Broad Foundation to carry out some of her IBD studies. She has served on the Anterior Eye Diseases study section and reviewed grants for the Broad Institute. She is currently on the Editorial Board of the Journal of Biological Chemistry, PlosOne and Editor for the cornea Section of Experimental Eye Research. Dr. Chakravarti has trained several postdoctoral fellows who have now started their independent careers.

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Chi Chiung Grace Chen, MD

Chi Chiung Grace Chen is a female pelvic medicine and reconstructive surgeon. She is currently an Assistant Professor of Gynecology and Obstetrics at the Johns Hopkins School of Medicine and joined the faculty in 2008. She completed her residency at the University of Alabama at Birmingham. She finished a fellowship in female pelvic medicine and reconstructive surgery, and minimally invasive surgery at the Cleveland Clinic. Her present research interests are in obstetric fistulas, and surgical education and assessment of surgical skills. Specifically, she is determining the prevalence of obstetric fistula in rural Nepal and risk factors for fistula development. She is also working with computer science colleagues to use mathematical models to evaluate surgical skills. Her past publications have included the above subjects as well as topics in surgical outcomes, the impact of obesity on pelvic floor function, and histologic changes that occur after prolapse and incontinence surgery. She has received awards from and given presentations at national and international venues including the American Congress of Obstetrics and Gynecologists, American Urogynecologic Society, American Association of Gynecologic Laparoscopists, and the International Continence Society.

Mary C. Corretti, MD, FAHA, FACC, FASE

Mary Corretti is an Associate Professor of Medicine, Division of Cardiology and Medical Director of the Adult Echocardiograph Laboratory at Johns Hopkins Hospital/School of Medicine. She earned a BSN from Boston College School of Nursing in 1978. She worked at the Beth Israel Hospital/Harvard Medical School as a nurse for a year, and subsequently worked in the Harvard Medical School Thorndike Laboratory as a research assistant while attending graduate school science classes. She graduated from Case Western Reserve University School of Medicine in 1986, and came to Johns Hopkins Hospital for internal medicine training, and subsequently Cardiology Fellowship. During fellowship, her research interests and work focused on ischemia and reperfusion in an animal model under the mentorship of Dr. Eduardo Marban. Her clinical and clinical research interests developed in general cardiology and cardiovascular ultrasound. Upon graduation from her formal training in 1992, she joined the full-time faculty at the University of Maryland Division of Cardiology where she worked as a general cardiologist and echocardiographer. She implemented the clinical programs in the echo lab for tranesophageal echo and stress echo which were rapidly evolving fields in echocardiography at that time. In addition, she established a research lab for clinical cardiovascular ultrasound that would serve the needs of her own research, as well as that of other investigators who required echo technology and expertise in a variety of clinical research investigations. Her research area has been the area of cardiovascular risk factors and modifications on vascular endothelial function. In late 2003, she was recruited back to Johns Hopkins to lead the Echocardiography laboratory in clinical practice, education and implementation of a noninvasive cardiovascular ultrasound research laboratory. She continues her research in the application of the brachial artery ultrasound assessment of endothelial function in the setting of CV risk factors, diseases with higher risks of CV disease and impact of interventions, and participates in clinical trials requiring expertise in echocardiography for monitoring changes in cardiac/valvular structure and function.

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Bernadette Cullen MD

Dr. Bernadette Cullen is an Assistant Professor of Psychiatry. She received her medical degree from Trinity College Dublin, Ireland and completed residencies in Family Medicine and Psychiatry in Ireland. She completed a fellowship in Community Psychiatry at Johns Hopkins in 2001 and has been the Director of the Community Psychiatry Outpatient Program at the East Baltimore campus since December 2003. This program primarily provides services to chronically mentally ill individuals who reside in the East Baltimore area. Dr. Cullen is in charge of the administrative running of the program as well as the clinical oversight of staff and the direct delivery of clinical services to patients both in the hospital setting and in the community. Dr. Cullen's research interests are in the areas of service delivery, patient recovery and OCD.

Jennifer Elisseeff, PhD

Dr. Elisseeff received a bachelor's degree in Chemistry from Carnegie Mellon University and a PhD in Medical Engineering from the Harvard-MIT Division of Health Sciences and Technology. After doctoral studies, Dr. Elisseeff was a Fellow at the National Institute of General Medical Sciences Pharmacology Research Associate Program. In 2001, Dr. Elisseeff became an assistant professor in the Department of Biomedical Engineering at Johns Hopkins University. Her interdisciplinary laboratory comprises surgical fellows, biologists, chemists, and engineers that work together to develop new biomaterials, study stem cells, and design new technologies for regenerative medicine. Clinical collaborations at Johns Hopkins extend to plastic surgery, otolaryngology, orthopedics, and ophthalmology. In 2004, Elisseeff cofounded Cartilix, Inc., a startup that is translating adhesive and biomaterial technologies for treating orthopedic disease. Dr. Elisseeff is now an Associate Professor of Biomedical Engineering and Orthopedic Surgery at Johns Hopkins and directs the Cell and Tissue Engineering Program in Biomedical Engineering. She serves on the Scientific Advisory Board of Bausch and Lomb, Kythera Biopharmaceutical, and Cellular Bioengineering Inc. Dr. Elisseeff has received awards including the Carnegie Mellon Young Alumni Award, Arthritis Investigator Award from the Arthritis Foundation, Yasuda Award from the Society of Physical Regulation in Medicine and Biology, and was named by *Technology Review* magazine as a top innovator under 35 in 2002 and top 10 technologies to change the future. In 2008, Dr. Elisseeff was elected a fellow in the American Institute for Medical and Biological Engineering and a Young Global Leader in the World Economic Forum. She has published over 110 articles, book chapters and patent applications and given over 130 national and international invited lectures. Drs. Elisseeff and Schein were recently awarded a grant from the military to develop technologies for ocular battlefield wounds.

Jennifer E. Fairman, CMI, FAMI

Jennifer Fairman is an Assistant Professor in the Department of Art as Applied to Medicine (AAM) where she previously received her Master of Arts in Medical and Biological Illustration. Ms. Fairman pursued undergraduate studies at the University of Maryland where she received a Bachelor of Science in Biological Sciences as well as a Bachelor of Arts in Studio Art and a German Languages minor. She currently teaches a variety of biocommunications courses ranging from medical and surgical illustration and animation to business practices and

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ethics, advising students on thesis, developing the curriculum in the graduate program, and producing medical illustrations and animations for both the Hopkins family as well as outside clients and institutions. Her background includes experience in medical and biological illustration for publication and patient education, animation, web publishing, interactive media and graphic design. She currently serves on the Medical School Council, the planning committees for AAM's 2011 Centennial Celebration as well as the 2011 Association of Medical Illustrators Annual Meeting, set to be hosted in Baltimore. Ms. Fairman is a professional member and served on the Board of Governors of the Association of Medical Illustrators. She also served as a scientific illustrator and research associate in entomology for the Smithsonian Institution in Washington, DC. Her primary research focus and production work in Systematic Entomology was based at the USDA Systematic Entomology Laboratory located within the National Museum of Natural History. Her work at the Smithsonian also brought her to Costa Rica, where at INBio (Instituto Nacional de Biodiversidad) she assisted in systematic entomological research and taught scientific illustration. She is also a professional member of the Guild of Natural Science Illustrators (GNSI), The Illustrators Club of Washington, DC, and is currently serving as 3rd-term Board Member to the Vesalius Trust. She has received numerous grants and awards for her work including Awards of Merit and Excellence from the AMI, a Smithsonian Women's Committee Grant, a James Smithson Society Fellowship, and a Vesalius Trust Research Grant. Ms. Fairman is also the 1999 recipient of the Inez Demonet Award. She was recently inducted as a Fellow of the AMI and received it's Outstanding Achievement Award.

Kelly Gebo, MD, MPH

Kelly Gebo is an Associate Professor of Medicine, Epidemiology, and Sociology. She received her undergraduate degree, MPH, and medical degrees from Johns Hopkins University. She did her residency training in Internal Medicine at Johns Hopkins followed by a health services research fellowship, the Robert Wood Johnson Clinical Scholars Program. She subsequently completed an infectious diseases fellowship and joined the faculty in 2001. Her research is focused on clinical outcomes and health services research in HIV infected patients. She is co-Principal Investigator of the HIV Research Network, a consortium of 21 HIV care sites that provide care to 18,000 HIV infected patients across the country. She particularly enjoys mentoring new trainees on HIV outcomes research. She also runs the undergraduate public health studies program at the Homewood campus. This is the largest undergraduate major at Homewood, with over 400 students in the program annually. Finally, she cares for HIV infected patients in the Moore clinic and attends on the inpatient infectious diseases consult service. Her husband, Dr. Michael Polydefkis, is a faculty member at Hopkins in the Departments of Neurology, and they have 2 fun loving, wonderful children, ages 8 and 11.

Marlís González-Fernández, MD, PhD

Marlís González-Fernández is Assistant Professor of Physical Medicine and Rehabilitation at the Johns Hopkins University School of Medicine and the medical director of the outpatient PM&R clinics at Johns Hopkins Hospital. She obtained her medical degree from the University of Puerto Rico School of Medicine, residency and chief residency in Physical Medicine and

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Rehabilitation at the Sinai Hospital of Baltimore in association with the University of Maryland and PhD at the Johns Hopkins Bloomberg School of Public Health with a focus on Clinical Investigation. Dr. González-Fernández research interests include neural correlates of swallowing and communication disorders after stroke and the epidemiology of swallowing disorders after stroke. For the past two years she has been participating in the Association of Academic Physiatrists program for academic leadership. She enjoys teaching medical students as part of the faculty of the clinical epidemiology course and the pain management intercession. Her clinical practice concentrates on neurorehabilitation, dysphagia rehabilitation, and amputee rehabilitation.

Christine G. Gourin, MD, FACS

Dr. Gourin is an Associate Professor of Otolaryngology- Head and Neck Surgery and Director of the Clinical Research Program in Head and Neck Cancer at Johns Hopkins University. She received her medical degree from the State University of New York- Health Science Center at Brooklyn/ Downstate Medical Center, trained in General Surgery and Otolaryngology- Head and Neck Surgery at the University of Vermont, and completed a fellowship in Advanced Head and Neck Oncologic Surgery at the University of Pittsburgh. She subsequently joined the faculty of the Medical College of Georgia in 2000 where she served as Director of the Head and Neck Tumor Board and Chief of the Division of Head and Neck Surgery. She was recruited to Johns Hopkins in 2007, where she is an MPH candidate in the Johns Hopkins Bloomberg School of Public Health. Dr. Gourin has authored or co-authored over 80 peer-reviewed journal articles, 18 book chapters and 2 books on various topics related to head and neck cancer. Her clinical and research interests have focused on survival, quality of life and functional outcome following treatment for head and neck cancer. She is on the Editorial Board of *The Laryngoscope* and *The Journal of Clinical Oncology* and is a reviewer for numerous other head and neck surgery journals. Her current research centers on the relationship between volume and outcome relationships, quality of care, and cost effectiveness in head and neck cancer treatment

Julie Hoover-Fong, MD, PhD, FACMG

Julie Hoover-Fong is the Director of the Greenberg Center for Skeletal Dysplasias and an assistant professor in the McKusick-Nathans Institute of Genetic Medicine at Johns Hopkins. She oversees the clinical operations and research ventures for the patient population served by the Greenberg Center, and serves on the Medical Advisory Board of the Little People of America. As a pediatrician and clinical geneticist, Dr. Hoover-Fong works to establish and improve diagnostic and treatment guidelines for comprehensive care of patients with complex chromosomal abnormalities, congenital anomalies and short stature skeletal dysplasias. Dr. Hoover-Fong completed her internship and residency in the Department of Pediatrics at Washington University in St. Louis in 1998, and her Medical Genetics fellowship at Johns Hopkins in 2002. During fellowship, Dr. Hoover-Fong also matriculated into the Graduate Training Program in Clinical Investigation (GTPCI) at Johns Hopkins and earned her PhD in 2008. Dr. Hoover-Fong was recruited by the Institute of Genetic Medicine in 2003 to be the Clinical Director of the Greenberg Center for Skeletal Dysplasias. She reestablished the genetics skeletal dysplasia clinical service at Johns Hopkins in 2004, became Director of the Greenberg Center in 2008, and continues to build multidisciplinary clinical services for patients with all forms of bone disease.

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Additionally, she is the PI of a nationwide, multi-center hypertension study of skeletal dysplasia patients. Dr. Hoover-Fong recently published in the *American Journal of Medical Genetics* and the *American Journal of Clinical Nutrition* new growth curves for achondroplasia which are used in daily patient care. She is also the lead author for revised Treatment Guidelines for achondroplasia from the American Academy of Pediatrics. She has a gubernatorial appointment to the State of Maryland Advisory Council on Hereditary and Genetic Disorders, and is the Johns Hopkins dysmorphologist co-investigator for a multi-center CDC-sponsored study of autism. She loves being a mom for 3 wonderful boys (7 yrs, 5 yrs, 4 months).

Heidi E. Hutton, PhD

Heidi E. Hutton PhD is an assistant professor in the Department of Psychiatry and Behavioral Sciences at Johns Hopkins University School of Medicine. She completed her doctoral degree in clinical and forensic psychology at The University of Rochester School Of Medicine and her postdoctoral fellowship at The University of Rochester School Of Medicine. For ten years, she practiced as a forensic psychologist before joining the faculty at Johns Hopkins. Her clinical and research interests are in addiction treatment and HIV prevention/interventions. Specifically, she develops interventions to reduce alcohol use and sex-related consequences, such as unwanted sex or pregnancy, and STIs/HIV. She is PI on an intervention grant to prevent alcohol-exposed pregnancy in an urban STD clinic. This grant is part of a series of HIV prevention and intervention grants, called the Healthy Women's Studies which she co-directs with colleagues from Departments of Psychiatry and Medicine. She is also Director of Clinical Services for the AIDS Psychiatry Service at the Moore Clinic where she also provides clinical teaching.

Nancy Hutton, MD, FAAP, FAAHPM

Dr. Nancy Hutton is Associate Professor of Pediatrics in the Johns Hopkins University School of Medicine. Based in the Division of General Pediatrics and Adolescent Medicine, she has directed the Pediatric & Adolescent HIV/AIDS Program for 25 years. Recognizing the need for excellent care at the end of life for children with AIDS, she became a Faculty Scholar in the Project on Death in America of the Open Society Institute in 1997. Dr. Hutton is board certified in Hospice and Palliative Medicine. She is medical director of Harriet Lane Compassionate Care, the pediatric palliative care program at Johns Hopkins. A member of the American Academy of Hospice and Palliative Medicine, she works as the pediatric representative on the National Consensus Project for Quality Palliative Care, the pediatric ChiPPS Steering Committee of the National Hospice and Palliative Care Organization, and chairs the AAHPM Leadership Development Committee. She currently works in the areas of pediatric palliative and hospice care, pediatric HIV/AIDS care, and the integration of palliative care with HIV care in domestic and international settings.

Noreen A Hynes, MD, MPH

Noreen Hynes, M.D., M.P.H. has over 35 years of medical and public health experience in both international and domestic settings. Her career has focused on infectious diseases encompassing basic and applied research, epidemiology, public health, clinical medicine, and the regulatory aspects of medical countermeasures. In 2007 she transitioned from over 30 years of government service, most of which was with the U.S. Department of Health and Human Services. Her final position in government was as Deputy Assistant Secretary for Public Health Emergency Preparedness and Director of the Office of Public Health Emergency Medical

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Countermeasures where she was responsible for an \$8 billion program focused on the research, development, and acquisition of medical countermeasures (vaccines, biologics, drugs, and diagnostics) for use in public health emergencies. Dr. Hynes' affiliation with Johns Hopkins began in 1997 when she was appointed a part-time faculty member in the School of Medicine, Division of Infectious Diseases with a joint appointment in the School of Public Health, Department of International Health (Global Disease Epidemiology and Control). This appointment was co-incident to her 3-year assignment by the CDC to Baltimore City Health Department to address the city's raging epidemics of syphilis and congenital syphilis. Since that time she has been an active part-time faculty member.

Since her 2007 retirement from government service, Dr. Hynes has broadened the scope and depth of her faculty responsibilities. Currently, she is the Director of the Geographic Medicine Center of the Division of Infectious Diseases, Department of Medicine which focuses clinical, research, and training/education efforts on diseases amongst persons crossing international borders. Current research activities include dengue and malaria vaccine clinical trials and improving health care provider training in resource poor international settings. Dr. Hynes received her medical degree from the Uniformed Services University School of Medicine in Bethesda, Maryland. She completed a residency in Internal Medicine (Clinical Investigator Pathway) and fellowship training in Infectious Diseases, both at Massachusetts General Hospital in Boston. She is board certified in both specialties. Dr. Hynes holds a diploma in tropical medicine and hygiene from the Royal College of Physicians, London.

Dr. Lisa Ishii, MD, MHS

Dr. Lisa Ishii, M.D., M.H.S. is an Assistant Professor in the Department of Otolaryngology-Head & Neck Surgery. She completed her residency in Otolaryngology-Head & Neck Surgery and her fellowship in Facial Plastic & Reconstructive Surgery, both at Johns Hopkins. She then went on to receive her Masters of Health Sciences from the Bloomberg School of Public Health through the Graduate Training Program in Clinical Investigation. Her clinical interests include reconstructive and aesthetic surgery of the face and neck, with a special emphasis on rhinoplasty and aging face. Her research program focuses on understanding how facial deformities lead to altered facial perception. Her findings, using the novel approach of eye-movement recordings, have provided the first truly objective analysis of the distraction caused by facial deformities, and the ability of reconstructive surgeries to minimize the distraction. She is the president of the Johns Hopkins Medical School Council, the Medical Director and member of the Board of Directors of the White Marsh Surgery Center, chair of the Access Committee for the Department of Otolaryngology-Head & Neck Surgery, and a member of the Clinical Practice Association subcommittee on Access. She is also a member of the School of Medicine medical student selection committee and a member of the Department of Otolaryngology-Head & Neck Surgery resident selection committee and resident education committee. An active member of the American Academy of Facial Plastic & Reconstructive Surgery, she serves on the Women in Facial Plastic Surgery Committee and the Young Physicians Committee.

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Stacey L. Ishman, MD MPH

Dr. Ishman is an Assistant Professor of Otolaryngology- Head and Neck Surgery and Director of the Center for Snoring and Sleep Surgery at Johns Hopkins University. She received her medical degree from the Rush Medical College in Chicago, trained in Otolaryngology- Head and Neck Surgery at the Medical College of Wisconsin, and completed a fellowship in Pediatric Otolaryngology at the Johns Hopkins. She also underwent advanced training in sleep medicine at the Medical College of Wisconsin and Johns Hopkins and is board certified in Otolaryngology and Sleep Medicine. After fellowship, she joined the faculty of Johns Hopkins in 2006, and completed an MPH at the Johns Hopkins Bloomberg School of Public Health in 2010. Dr. Ishman currently serves as the medical student director for the Department of Otolaryngology – Head and Neck surgery. In addition, she is a member of the Clinical Practice Association compliance committee and of the Department of Otolaryngology-Head & Neck Surgery diversity committee. She is also an active member of the American Academy of Otolaryngology Head and Neck Surgery where she serves as the vice-chair of the Legislative Representatives committee of the Board of Governors, as an ex-officio member of the Board of Governors Executive Committee as well as a member of the sleep disorders and pediatric otolaryngology education committees. She also serves locally as the legislative representative for the Maryland Society of Otolaryngology and serves on the clinical advisory board of the Cornelia de Lange Foundation. Her clinical and research interests have focused on quality of life and outcomes following treatment for obstructive sleep apnea. Her current research is focused on demographic and physiologic predictors for persistent pediatric obstructive sleep apnea and the treatment of obstructive sleep apnea in children and adults with Down syndrome.

Lisa Jacobs, MD

Dr. Lisa Jacobs is an Associate Professor in the Department of Surgery and Oncology. She received her medical degree from the University of Missouri and completed General Surgery training at George Washington University. Dr. Jacobs then completed a fellowship in surgical oncology at the University of Illinois Chicago. After completing training, she joined the faculty of the University of Missouri Ellis Fischel Cancer Center from 2000 until 2004. In 2004 she joined the faculty at Johns Hopkins University with a practice focus in Breast surgery and Melanoma surgery. In her role as the Director of Clinical Breast Cancer Research she serves as the surgical liaison for clinical research in breast diseases. Dr. Jacobs also serves as chair of the Audit Committee of the American College of Surgeons Oncology Group and as the physician group leader for ACOSOG at Johns Hopkins.

Jacky M Jennings, PhD, MPH

Jacky M Jennings, PhD, MPH is an Assistant Professor in the Department of Pediatrics with a joint appointment in the Department of Epidemiology at the Bloomberg School of Public Health. She is the Associate Director of the Center for Child and Community Health Research (CCHR). Her long term goal is to contribute to a growing body of research on how structural determinants affect adolescents' and young adults' risk for STIs including HIV and ultimately to

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conduct structural-level interventions based on modifiable structural determinants in order to prevent and control STI and HIV transmission among urban, disadvantaged youth. Her expertise includes complex epidemiologic study designs and advanced statistical analyses as well as the use of geographic information systems and infectious disease surveillance systems information. Currently, Dr. Jennings is the Principal Investigator on a five year Career Development Award (K01) from NIDA. In addition, Dr. Jennings collaborates on a wide array of health outcomes including cardiology, sickle cell disease, pelvic inflammatory disease, pediatric obesity, and intimate partner violence. She co-leads the Professional Epidemiology program at the school of public health and teaches courses and advises graduate students at the schools of medicine and public health.

Lori Jordan MD, PhD

Dr. Jordan is Assistant Professor of Neurology and Pediatrics at the Johns Hopkins School of Medicine where her research focuses on outcome after hemorrhagic stroke in children. Dr Jordan completed her residency training in pediatrics and Child Neurology at Johns Hopkins as well as a fellowship in Vascular (Stroke) Neurology. She received her PhD through the Graduate Training Program in Clinical Investigation at the Johns Hopkins Bloomberg School of Public Health. Past publications include research studies examining predictors of outcome after hemorrhagic stroke, studies to develop bedside tools for outcome prediction after non-traumatic brain hemorrhage, and collaborative studies on stroke in children with sickle cell disease, incidental findings on MRI of the brain in children, and cerebral autoregulation after brain injury. She is also an investigator in several national, multicenter clinical studies of stroke in children. Dr Jordan is currently funded through a Career Development Award from the National Institute of Neurological Disorders and Stroke. She has presented her work at a number of national conferences including the International Stroke Conference and the Child Neurology Society Meeting. This year she is an invited speaker at the Society of Critical Care Medicine Pediatric course and the Society for Hemophilia and Thrombostasis meeting. Recently, she was asked to direct a course at the American Academy of Neurology meeting on pediatric stroke. Her long term goals are to develop interventions that improve the acute care of children with hemorrhagic and ischemic stroke and to develop an outcome measure for children with stroke that will be used to more accurately and efficiently measure outcome in clinical trials. Dr. Jordan is also active in education and program development; she directs the pediatric stroke program and is co-director of the pediatric neurovascular center at Johns Hopkins. She is the Assistant Residency Director for Pediatric Neurology. Dr. Jordan and her husband have 2 children, ages 3 and 6.

Flora Kisuule, MD, MPH, SFHM

Dr. Kisuule is an Assistant Professor of Medicine in the Division of Hospital Medicine. She received her medical degree from the University of Minnesota and completed her residency training at Johns Hopkins Bayview Medical Center. She went on to receive a Masters in Public Health from Johns Hopkins Bloomberg School of Medicine. After completing residency, she was recruited to join the Hospital Medicine Division which she now helps lead as the Associate

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Director. Her research interest is bringing public health interventions into the hospital setting. A hospitalization is a teachable moment and patients are a captive audience. To capitalize on this, Dr. Kisuule has engaged in projects to determine the most effective ways to initiate the treatment of tobacco dependence and obesity in the inpatient setting. Her work aims to determine how treatments began in the inpatient setting can be continued in the outpatient setting and how the social networks of inpatients can be influenced by contact with the hospitalized patient. Dr. Kisuule is also active in education and program development and currently directs the Fellowship in Hospital Medicine at Johns Hopkins Bayview which she helped develop. She is active in the society of hospital medicine and recently completed a two year term as the vice president of the local chapter. She currently serves as an Associate Editor for the Journal of Hospital Medicine.

Arabella Leet, MD

Dr. Arabella Leet is an associate professor of orthopedics and the director of the Orthopedic center for children with cerebral palsy at Kennedy Krieger Institute. Dr. Leet's research interests are in cerebral palsy, osteogenesis imperfecta, trauma, and fibrous dysplasia. She is currently working on translational research investigating the relationship between pro-inflammatory cytokines and normal and abnormal healing. She has been the POSNA travelling fellow and received the Morrissey award and POSNA Young Investigator award for research through the Pediatric Orthopedic Society of North America. In addition, Dr. Leet is a member of the research committee for POSNA and the membership committee for the ASBMR (American Society of Bone and Mineral Research). She currently is in the leadership fellows program for the AAOS (American Academy of Orthopedic Surgeons) to develop leaders among the membership.

Sharon McGrath-Morrow, MD, MBA

Dr. McGrath-Morrow is an Associate Professor of Pediatrics in the Division of Pediatric Pulmonary at the Johns Hopkins University School of Medicine. She received her medical degree at the University of Virginia. She completed her residency and fellowship at Johns Hopkins and joined the full time faculty following fellowship training. She is currently the fellowship director for Pediatric Pulmonary at Johns Hopkins. Her interests include identifying pathways in the neonatal lung that are critical for normal lung growth and development, identifying risk factors for the development of chronic lung in the preterm infant and identifying and screening patients for chronic lung disease in Ataxia-telangiectasia. She is a Co-PI on a SCCOR grant evaluating the mechanisms and treatment of COPD Progression. She recently started a clinic for the treatment of infants and children with chronic lung disease of prematurity and is interested in understanding the variability in lung phenotypes in these children following discharge from the hospital. She is married and has three children.

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Robin McKenzie, MD

Robin is an Associate Professor of Medicine in the Division of Infectious Diseases. She graduated from Randolph-Macon Woman's College and then spent three years as a research assistant, first at the Robert Brigham Hospital in Boston and then at the University of Edinburgh in Scotland. Afterwards, she attended Emory University School of Medicine in Atlanta. She completed an Internal Medicine residency at George Washington University and then worked for several months as a Medical Officer in Dominica in the British West Indies. After completing a fellowship in Infectious Diseases at West Virginia University, she joined the faculty there. Three years later she moved to the Washington D.C.-Baltimore area to work at the NIH, initially as a Medical Staff Fellow and then as a Medical Officer. Afterwards she traveled with her family to Guadalajara, Mexico, where she was a visiting Professor for 6 months. Since 1997 she has been at Johns Hopkins University. Research interests are clinical trials of vaccines for enteric diseases and Phase I studies of other Infectious Diseases agents. Clinical interests are general Infectious Diseases, HIV medicine, and Travel and Tropical Medicine.

Shannath L. Merbs, MD, PhD

Shannath Merbs is an Associate Professor of Ophthalmology and Oncology at the Johns Hopkins University School of Medicine. She received her undergraduate degree from the University of Arizona and her MD PhD degrees from Johns Hopkins. She did her residency training in Ophthalmology at the Wilmer Eye Institute followed by fellowship training in oculoplastic surgery. She has been on the faculty at Wilmer since 1997 and divides her time between clinical and research interests. Clinically, she focuses on functional diseases of the eyelids, lacrimal system, and orbit. She is the director of a nationally recognized ASOPRS 2-year oculoplastics fellowship and oversees the ophthalmology residency training in oculoplastic surgery. She also runs a molecular biology lab in the Smith building, funded by 2 NIH grants, exploring the contribution of epigenetic mechanisms to retinal development and diseases, such as macular degeneration and glaucoma. She is involved in clinical research in East Africa studying surgical intervention for trachomatous trichiasis. She is currently a co-investigator on a Bill and Melinda Gates Foundation- funded clinical trial in Tanzania. The trial is investigating the role of a new surgical device she designed in collaboration with colleagues at Hopkins to assist eye care workers with minimal training to successfully perform trichiasis surgery. This year, she won the national Camras/Pfizer Translational Research Award for this work. Her husband, Dr. Michael Grant, is a faculty member at Hopkins in the Departments of Ophthalmology and Plastic Surgery, and they have 3 daughters, ages 7, 9, and 10.

Julie Miller, MD

Dr. Miller is currently Assistant Professor of Medicine in the Division of Cardiology and a member of the Interventional Cardiology group at Johns Hopkins Hospital. Dr. Miller received her medical degree from the University of Minnesota. She completed her residency training in Internal Medicine at Duke University Medical Center, and continued on to complete her Cardiovascular Fellowship as well as a Interventional Cardiology Fellowship at Duke. Dr. Miller

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is an active clinical leader in interventional cardiology, and serves as Director of the Vascular Cardiology program. She instructs Fellows in the performance of coronary angiography and complex cardiovascular procedures. Her research focuses on the diagnosis of coronary artery disease and management of acute coronary syndromes, including complex imaging modalities and percutaneous coronary interventions. Dr. Miller established and is the Director of the Angiographic Core Research Laboratory, which conducts research related to coronary angiography and atherosclerosis quantification, including serving as the research core laboratory for multiple single-center and multicenter international clinical research studies. She also was the co-international principal investigator for the first multicenter clinical trial using 64-detector cardiovascular computed-tomography angiography for the diagnosis of coronary artery disease. Dr. Miller has served on multiple data and safety monitoring boards, clinical trial steering committees, and has been an investigator in many national, multicenter clinical trials of therapies for acute coronary syndromes. She also has served on the Program Committee for the American College of Cardiology Scientific Sessions and the American Heart Association Scientific Sessions. Dr. Miller currently is as a member of multiple Clinical Guideline and Expert Writing Committees, as a representative of the American College of Cardiology and recognized expert in coronary angiography and catheterization laboratory standards. She is a Fellow of the American College of Cardiology and a Fellow of the Society of Cardiovascular Angiography and Interventions.

Alison R. Moliterno, MD

Dr. Moliterno is currently Associate Professor of Medicine in the Division of at the Johns Hopkins University School of Medicine. Dr. Moliterno received her undergraduate degree from Cornell University in 1985 and her medical degree from the State University of New York at Buffalo in 1989. She completed her internal medicine training at Johns Hopkins Bayview, and pursued her Hematology clinical and research fellowships at Johns Hopkins. Dr. Moliterno has a longstanding interest in the molecular basis and treatment of chronic myeloproliferative disorders, and has been engaged in basic and clinical research into the cause and treatment of these disorders. In 1998 she received a Doris Duke Clinical Scientist award and joined the JHUSOM faculty, and since then has continued funding her translational program with additional grants from the MPD Foundation, the Department of Defense, the NHLBI and more recently the Maryland Stem Cell Commission. Most recently she has served as the principal investigator in a multicenter clinical trial testing the efficacy of a JAK2 inhibitor in MPD patients. Dr. Moliterno has maintains an active clinical practice, and attends frequently on the Heme-4B service during which she also provides consultation services for the hospital. Dr. Moliterno has two children, ages 11 and 14.

Manisha J. Patel, MD

Manisha J. Patel, M.D. received her medical degree at the Wake Forest University School of Medicine. She completed her internship in Internal Medicine at Boston University's Boston Medical Center, and then returned to Winston-Salem for her residency in Dermatology at Wake Forest University School of Medicine. During her final year of residency, Dr. Patel was awarded

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the Fulbright Scholarship to Berlin, Germany. She utilized her award to study and work at the Charité Hospital in Berlin, home to the world's largest transplant dermatology center, studying skin malignancies and other skin diseases in solid organ transplant recipients.

Dr. Patel is an Assistant Professor of Dermatology at Johns Hopkins University School of Medicine. She is a Diplomate of the American Board of Dermatology, a founding member of the American Board of Medical Specialties, and an active member of the American Academy of Dermatology, Skin Care in Organ Transplant Patients Europe (SCOPE), and board member of the International Transplant Skin Cancer Collaborative (ITSCC). She is the founder of the Mid-Atlantic's first dermatology clinic solely dedicated to skin care of solid organ transplant recipients. In addition, her clinical interests include general medical dermatology, skin cancer diagnosis and management, and resident/student education.

Kimberly S. Peairs, MD

Kimberly Peairs is an Assistant Professor in General Internal Medicine at the Johns Hopkins School of Medicine. She received her M.D. from Johns Hopkins and then completed her internship and residency at Johns Hopkins followed by a year as an Assistant Chief of Service on the Osler Medical Service. Her interests include clinical education of trainees and she has served as the Faculty leader for the Longcope medical firm for five years. She has been the co-director for several CME courses including the Johns Hopkins Board Review Course and Topics in Clinical Medicine. Her clinical, educational and research interests also involve the care delivery for cancer survivors. She is part of a multidisciplinary group addressing patient and provider education for this group as well as improving transitions of care. Other areas of focus are the treatment of comorbidities in cancer survivors. She has two children.

Linda Regan, MD

Linda Regan, MD is an Assistant Professor in the Department of Emergency Medicine. She received her medical degree from Johns Hopkins and completed her internship and residency in 2003 at NYU/Bellevue Hospital Center in New York. Prior to arriving here as full time faculty in 2007, Dr. Regan served as the Assistant Program Director for the Emergency Medicine residency at NYU. Since her arrival at Hopkins, she established a medical education fellowship in Emergency Medicine and has graduated one fellow. She is currently the Program Director for the Emergency Medicine residency here at Johns Hopkins and her main research interests focus on resident education and curriculum development. Outside of Hopkins, Dr. Regan is involved nationally in education within the Council of Residency Directors for Emergency Medicine as a member, lecturer and co-chair of their annual meeting for the past three years, as well as in the American College of Emergency Medicine. Outside of education, her main clinical research interest is in radiation exposure and safety. She is married with two children, aged 4 and 6.

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Megan E Reller, MD, MPH

Dr. Reller is an Assistant Professor of Pathology in the Division of Medical Microbiology at the Johns Hopkins University School of Medicine. Her main research interest is the reduction of morbidity and mortality from acute febrile illness in resource-poor settings by improved diagnosis. She received her undergraduate degree from Carleton College in 1992 and medical degree from McGill University in 1996. She completed a residency in Internal Medicine and Pediatrics at the University of Rochester from 1996-2000. She was an Epidemic Intelligence Service Officer in the Foodborne and Diarrheal Diseases Branch at the Centers for Disease Control and Prevention from 2000-2002. She completed a fellowship in adult infectious diseases at the Massachusetts General and Brigham and Women's Hospitals and pediatric infectious diseases at the Children's Hospital Boston from 2002-2004. She joined the faculty of Harvard Medical School in the Division of Pediatric Infectious Diseases, Children's Hospital Boston in 2004. She obtained a Diploma of Tropical Medicine and Hygiene from the University of London in 2005 and a Master's of Public Health from the Harvard School of Public Health in 2006. She joined the faculty at Johns Hopkins University School of Medicine in 2007 after completing a fellowship in medical microbiology. Her current funding includes a K23 from the National Institutes of Health (NIAID), a Junior Faculty Grant from the Johns Hopkins Center for Global Health, and a Clinician Scientist Award from the Johns Hopkins School of Medicine. Her most recent international clinical research sites are in Sri Lanka and Nicaragua.

Linda M. S. Resar, MD

Dr. Resar is currently an Associate Professor of Medicine, Oncology, and Pediatrics in the Division of Hematology at the Johns Hopkins University School of Medicine. Dr. Resar received her undergraduate degree from the University of Wisconsin in 1982 and her medical degree from the Medical College of Wisconsin in 1986. She completed both pediatrics training and subsequently clinical and research fellowships in hematology-oncology at the Johns Hopkins University School of Medicine. Dr. Resar has a longstanding interest in the molecular basis of malignancy. Her laboratory has been engaged in basic research directed at understanding the role of the HMGA1 gene in cancer and development. She also has a clinical interest in sickle cell and other hemoglobinopathies and she has conducted clinical trials on the treatment of sickle cell anemia. In 1992, she received an American Society of Clinical Oncology Young Investigator award and joined the JHUSOM faculty, and since then has continued funding her research program with additional grants from the NIH/NCI, American Cancer Society, Leukemia & Lymphoma Society, the J.P. McCarthy Fund, the CONCERN Foundation, and more recently, the Maryland Stem Cell Commission. She was also the recipient of the prestigious American Cancer Society and Leukemia & Lymphoma Society Research Scholar awards as well as the Alex's Lemonade Stand Foundation Innovator Award. She currently serves on the study sections for the Leukemia & Lymphoma Society, Department of Defense, and Alex's Lemonade Stand Foundation. Dr. Resar also sees patients in the Hematology clinic with a focus on sickle cell anemia and other hemoglobinopathies as well as benign hematologic diseases.

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Jodi B. Segal, MD, MPH

Jodi B. Segal, M.D., M.P.H. is an Associate Professor of Medicine in the Division of General Internal Medicine at Johns Hopkins University, with a joint appointment in the Departments of Epidemiology and Health Policy and Management in the Bloomberg School of Public Health. She is the principal investigator of a FDA-PACE Site, which will advance comparative effectiveness methodology at the Food and Drug Administration. She is an Associate Director of the Johns Hopkins Evidence Based Practice Center which performs large-scale systematic reviews of the literature and is the director of the Center for Pharmacoepidemiology at Johns Hopkins. She co-directs the DEClDE Network Center at Johns Hopkins, funded by the Agency for Healthcare Research and Quality, which performs comparative effectiveness research (CER) and nationally co-chairs the committee leading the CER efforts for the Clinical and Translational Science Awards consortium. Dr. Segal has also been involved in multi-institutional collaborations through her involvement in two collaborative clinical trials networks: the Transfusion Medicine and Hemostasis Network, where she co-chairs the immune thrombocytopenia group, and the Sickle Cell Disease Research Network, both funded by the National Institutes of Health. Her research interests include developing methodology to use observational data to understand the use of new drugs, particularly drugs for treatment of diabetes, blood disorders, and osteoporosis. She is an experienced clinical epidemiologist and health services researcher with skills in applying advanced methods for evidence-based review and meta-analysis, and in collaboration with her colleagues in biostatistics, has developed new methodologies for observational research (using propensity scores to adjust for covariates which change over time) and methods to account for competing risks and heterogeneity of treatment effects in analyses. Her medical degree is from the University of Pittsburgh School of Medicine and her master's degree is from the Bloomberg School of Public Health of Johns Hopkins University. She is a practicing internist.

Catherine A. Sewell, MD, MPH

I am an assistant professor of Gynecology and Obstetrics at the Johns Hopkins School of Medicine and the Director of the Hopkins Fibroid Center. I received my undergraduate degree at Swarthmore College, and my medical degree from the University of Pennsylvania. I completed my residency at Johns Hopkins and immediately thereafter pursued my Master of Public Health in Population and Family Health Sciences at the Johns Hopkins Bloomberg School of Public Health. My current clinical interests are in the treatment of uterine fibroids, and I have developed a multidisciplinary clinic for affected patients, as well as training laboratories for residents in minimally invasive treatments. My current research interests focus on the effectiveness of minimally invasive treatment options for fibroids, specifically, laparoscopic or robotic surgery, repeat uterine artery embolization, and MR-guided focused ultrasound, and I am working collaboratively with the Division of Minimally Invasive Surgery as well as Interventional radiology in this. Additionally, I collaborate with the Department of Surgery's Center for Surgery Trials and Outcomes Research and the School of Public Health, where we share our access to national databases to evaluate outcomes of gynecologic procedures as they

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relate to fibroids. I am married to a head-and-neck surgeon, Duane Sewell, and we have twin boys, aged 9.

Karen L. Swartz, MD

Karen L. Swartz, M.D. is an Associate Professor in the Department of Psychiatry. She received her B.A. from Princeton University and her M.D. from the Johns Hopkins University School of Medicine. She completed her residency in psychiatry at Johns Hopkins Hospital in 1995 followed by a fellowship in Psychiatric Epidemiology also at Johns Hopkins. She joined the full-time faculty in 1997. She is the Director of Clinical and Educational Programs at the Johns Hopkins Mood Disorders Center. Dr. Swartz is also the Associate Director for Residency Education. She attends on the inpatient Mood Disorders Service and has an outpatient practice focused on treating women with mood disorders. She is the founder and director of the Adolescent Depression Awareness Program (ADAP), a school-based program designed to educate high school students, faculty, and parents about adolescent depression. In 2009 Dr. Swartz was inducted as a Distinguished Fellow of the American Psychiatric Association. Her long-term research goal is the expansion of community education programs about mood disorders including the national expansion of ADAP. To date ADAP had been taught in 75 schools in over 10 states.

Darcy Thompson MD, MPH

Dr. Thompson is currently an Assistant Professor of Pediatrics at the Johns Hopkins University School of Medicine. She has received her degrees from Stanford (BA), Yale (MD), and Harvard University (MPH). She completed her training in pediatrics at the University of California, San Francisco and then went on to complete a Robert Wood Johnson Clinical Scholars Fellowship in 2006 at the University of Washington. She joined the faculty in the Division of General Pediatrics at Johns Hopkins in 2006. Her interests focus on improving the health of low-income Latino immigrant children. She is currently funded through a Career Development Award from the National Institute of Child Health and Human Development at the National Institutes of Health. This work is focused on understanding parenting practices regarding TV viewing in relation to overweight in low-income Latino preschoolers. Other work has focused on enhancing the quality of care provided to limited English proficient Spanish-speaking patients through patient education and the evaluation of patient-doctor communication. Additionally, she has co-developed a curriculum for pediatric residents related to caring for patients with limited English proficiency. She is currently creating a Center of Excellence on Latino Child Health at Johns Hopkins Bayview. She is also the mother of two busy boys aged 3 and 5.

Betty Tyler, BA

Betty Tyler is an Assistant Professor in the Department of Neurosurgery. She maintains and supervises a successful and productive laboratory at Hopkins that teaches research design, surgical skills and translational preclinical research to neurosurgery residents, medical students, undergraduate and high school students. Her lab specializes in local delivery of compounds to

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intracranial tumors. This includes, but is not limited to, polymeric delivery (wafer disks, microspheres, and nanospheres), delivery of agents through programmable microchips (both biodegradable and non-biodegradable), convection enhanced delivery, diffusion delivery (Alzet pumps), intraperitoneal, intravascular and oral delivery of agents. In addition to brain tumor research her lab investigates spinal and pediatric tumors, metastatic disease, and anti-angiogenic in vivo models. Her focus is to design and conduct preclinical studies that will advance promising therapies for brain tumor patients and she has been involved with many therapies that have gone on to clinical trials. She loves working in the collaborative environment that Hopkins provides and also loves spending time with her husband and 15 month old daughter.

Julie Watson, MA, VetMB, DACLAM

Julie Watson is an Assistant Professor and Director of Rodent Clinical Programs and Director of the Clinical Laboratory Animal training program. She graduated from the University of Cambridge, UK and did her postdoctoral fellowship in Laboratory Animal Medicine at Johns Hopkins. Over the course of a varied career she has been an equine veterinarian, a small animal practitioner and a freelance consultant designing and implementing laboratory animal medicine research programs for institutions. Since joining JHU in 2002 she has concentrated on rodent medicine, first establishing rodent health maintenance programs and more recently investigating environmental factors such as noise, nutrient variables, medications and infections that can affect research data from rodent models. She is one of 5 faculty who presented the first JHU international phenotyping symposium in Taipei, Taiwan in 2009, and she teaches and organizes seminars at the Lab Animal Science National meeting each year.

Dr. Elise M. Weerts, PhD

Dr. Elise M. Weerts, Ph.D., is an Associate Professor in the Division of Behavioral Biology in the Department of Psychiatry and Behavioral Sciences, and a core investigator in the Integrated Program of Substance Abuse Research (IPSAR). Dr Weerts engages in translational research focused on understanding the behavioral and neurobiological mechanisms associated with drug and alcohol abuse and dependence. Her recent NIH-funded project in human subjects investigates risk factors for the development of alcohol problems. These include family history of alcoholism, individual differences in drinking patterns, drinking history and sensitivity to alcohol and brain chemistry using Positron Emission Tomography (PET) imaging and pharmacological challenge procedures. Dr. Weerts also maintains an active primate research program which is focused on medication development and drug abuse liability. In this context, she utilizes schedule-controlled behavior, drug self-administration, intragastric drug administration, drug discrimination procedures and behavioral observation procedures. Recently, she developed a novel model of long-term drinking and cue exposure in primates to investigate the role of GABA, opioid and glutamate systems involved in alcohol drinking and cue-reactivity. One of her current research grants examines the effects of novel medications for the treatment of alcohol use disorders on drinking and behavior in this model. A second project examines the abuse liability of gamma-hydroxybutyrate (GHB) and its prodrugs. GHB is

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currently under investigation as a possible treatment for alcohol dependence. These projects will increase our understanding of alcoholism as a progressive brain disorder and help us to design better treatments and possible prevention strategies. Dr Weerts is an active member of the College on the Problems of Drug Dependence, and the Research Society on Alcoholism. and serves on NIH grant review committees for NCR, NIAAA and NIDA. Dr. Weerts is married and has one son, aged 13.