New GSBS Faculty – April 2018

Regular Members:

**Han Chen**
Assistant Professor
Epidemiology, Human Genetics and Environmental Sciences
UTH Health School of Public Health
Ph.D., Boston University, 2013
Research interests: Statistical genetics and genomics, genetic epidemiology, biostatistics, bioinformatics, data science

**Maura L. Gillison**
Professor
Thoracic/Head & Neck Medical Oncology
MD Anderson Cancer Center
Ph.D., The Johns Hopkins School of Hygiene and Public Health, 2001
M.D., The Johns Hopkins University School of Medicine, 1987

**Stephen Y. Lai**
Professor
Head and Neck Surgery; Molecular and Cellular Oncology; Radiation Oncology
MD Anderson Cancer Center
M.D., University of California-San Francisco, 1998
Ph.D., University of California-San Francisco, 1996
Research interests: Development of targeted therapies for head and neck squamous cell carcinoma (HNSCC) and thyroid cancer; microRNA regulation of HNSCC disease progression; Alterations in tumor metabolism as a measure of treatment response; Imaging-based quantifiable biomarkers of tumor and normal tissue response to treatment

**Siddharth Prakash**
Assistant Professor
Internal Medicine
UTH Health McGovern Medical School
M.D./Ph.D., Baylor College of Medicine, 2001
Research interests: Adult congenital heart disease, bicuspid aortic valve, thoracic aortic aneurysms and dissections, Turner syndrome, genomic copy number variants, genome-wide association studies

**Katy Rezvani**
Professor
Stem Cell Transplantation and Cellular Therapy
MD Anderson Cancer Center
Ph.D., Imperial College, 2005
M.B.B.S., University College London, 1993
Research interests: transplantation immunology, role of natural killer cells (NK) cells in mediating immunity against leukemia, understand the mechanisms of tumor-induced NK cell dysfunction
**Ayumu Taguchi**  
Assistant Professor  
Translational Molecular Pathology  
MD Anderson Cancer Center  
Ph.D., Nagoya University, 2005  
M.D., Nagoya University, 1997  
**Research interests:** Biomarker, proteomics, lung cancer, colorectal cancer, pancreatic cancer, esophageal cancer

**Guocan Wang**  
Assistant Professor  
Genitourinary Medical Oncology-Research  
MD Anderson Cancer Center  
Ph.D., Cornell University, 2011  
M.D., Sun Yat-Sen University, 2001  
**Research interests:** Cancer genetics, signal transduction, mouse models for human cancer, tumor microenvironment, transcription regulations

**Yuanqing Ye**  
Assistant Professor  
Epidemiology  
MD Anderson Cancer Center  
Ph.D., North Carolina State University, 2002  
**Research interests:** Genetic epidemiology, analysis of omics, genome-wide association (GWAS) and next generation sequencing (NGS) data

**Associate Members:**

**Meagan Choates**  
Instructor  
Obstetrics, Gynecology, and Reproductive Sciences  
UTHealth McGovern Medical School  
M.S., MD Anderson UTHealth Graduate School, 2016  
**Research interests:** Genetic counseling, prenatal genetic counseling

**Xueqin Gao**  
Assistant Professor  
Orthopaedic Surgery  
UTHealth McGovern Medical School  
Ph.D., Shandong University, 2005  
M.D., Tongji Medical University, 1986  
**Research interests:** Stem cells and bone and cartilage tissue engineering, bone and cartilage biology

**Assaf Gottlieb**  
Assistant Professor  
Center for Precision Health  
UTHealth School of Biomedical Informatics  
Ph.D., Tel Aviv University, 2010  
**Research interests:** Bioinformatics/computational biology, systems biology/systems medicine, machine learning, causal inference, electronic health records
Eun Young Han  
Assistant Professor  
Radiation Physics  
MD Anderson Cancer Center  
Ph.D., University of Florida, 2005  
Research interests: Monte Carlo dose calculation on treatment planning, quality assurance of stereostatic radiosurgery, treatment planning on MR-Linac

Niki Millward  
Assistant Professor  
Urology  
MD Anderson Cancer Center  
Ph.D., California Institute of Technology, 2004  
Research interests: Metabolism, metabolic and molecular imaging, metabolic therapy, and urological cancers

Weiyi Peng  
Assistant Professor  
Melanoma Medical Oncology  
MD Anderson Cancer Center  
Ph.D., Baylor College of Medicine, 2008  
Research interests: Tumor immunology, cancer immunotherapy, T cell biology