New GSBS Faculty – June 2017

**Regular Members:**

**Kristy K. Brock**  
Professor  
Imaging Physics & Therapy Physics  
MD Anderson Cancer Center  
Ph.D., University of Michigan, 2003  
Research interests: Image Guided Cancer Therapy, Anatomical Modeling, Image Registration, Medical Physics

**Vittorio Cristini**  
Professor  
Institute for Molecular Medicine  
UTHealth McGovern Medical School  
Ph.D., Yale University, 2000  
Research interests: Translational physical oncology, systems cancer biology, multiscale cancer modeling, hybrid tumor modeling, pharmacokinetics and pharmacodynamics modeling, drug transport modeling, image-guided drug delivery, fluid dynamics

**Anna Konovalova**  
Assistant Professor  
Microbiology and Molecular Genetics  
UTHealth McGovern Medical School  
Ph.D., Philipps University of Marburg, Germany, 2011  
Research interests: Microbiology, Molecular Biology, Genetics

**Wenbo Li**  
Assistant Professor  
Biochemistry and Molecular Biology  
UTHealth McGovern Medical School  
Ph.D., National University of Singapore, 2009  
Research interests: Gene Transcriptional Regulation, Noncoding RNA function and genome organization, Genomics and Epigenomics

**Peng Wei**  
Associate Professor  
Biostatistics  
MD Anderson Cancer Center  
Ph.D., The University of Minnesota, 2009  
Research interests: Biostatistics; statistics genomics; statistical genetics; genetic epidemiology; bioinformatics; next generation sequencing; integrative analysis of omic data; gene-environment interactions;
**Associate Members:**

**Melissa Aldrich**
Assistant Professor  
Institute for Molecular Medicine & Integrative Biology and Pharmacology  
UTHHealth McGovern Medical School  
Ph.D., MD Anderson UTHealth Graduate School, 2003  
**Research interests:** immunology, optics, lymphatics, lymphedema, cancer/dendritic cell vaccines

**Mohammad B. Hossain**
Instructor  
Neuro-Oncology  
MD Anderson Cancer Center  
Ph.D., Chiba University, Japan, 2008  
**Research interests:** Molecular biology, brain tumor, therapeutics, glioblastoma, epigenetics, DNA repair, radioresistancy

**Zhihui Wang**
Associate Professor  
Institute for Molecular Medicine  
UTHHealth McGovern Medical School  
Ph.D., Niigata University, 2005  
**Research interests:** Systems cancer biology, physical oncology, computer-aided drug discovery, multiscale cancer modeling, hybrid tumor modeling pharmacokinetics and pharmacodynamics modeling, drug transport modeling, image-guided drug delivery, translational cancer research

**Zhifei Wen**
Assistant Professor  
Radiation Physics  
MD Anderson Cancer Center  
Ph.D., Stanford University, 2005  
**Research interests:** X ray/MR hybrid system, dosimeter, QA