Potential Faculty Mentors

Research Mentor	Website	Departmental Affiliation	Area of Research
Lorien Abroms, D.Sc	Link to website	*Professor* Prevention & Community Health	• The digital information environment's effects on health • Develop and evaluate evidence-based tobacco treatment programs that run on digital platforms
Carla Berg, Ph.D.	Link to website	*Professor* Prevention & Community Health	• Health behaviors and quality of life among cancer survivors • Marketing and regulation of vape shops
Alberto Bosque-Pardos Ph.D., M.B.A	Link to website	*Associate Professor* Microbiology, Immunology and Tropical Medicine	• Mechanisms that control the entry and exit of HIV into latency • Similar approaches may apply to cancer therapy
Katherine Chiappinelli, Ph.D.	Link to website	*Assistant Professor* Microbiology, Immunology and Tropical Medicine	• Epigenetic regulation of immune signaling in cancer • Using epigenetic therapies against cancers
Inhee Chung, Ph.D.	Link to website	*Assistant Professor* Anatomy & Cell Biology	• Study how cancer cells become metastatic
Yanfen Hu, Ph.D.	Link to website	*Professor* Anatomy & Cell Biology	• BRCA1 mutations and breast cancers in women
Jiyoung Lee. Ph.D.	Link to website	*Assistant Professor* Biochemistry & Molecular Medicine	• Gene expression and metastasis in breast cancer
Murray Loew, Ph.D.	Link to website	*Professor* Biomedical Engineering	• Medical imaging and quantitative methods in image analysis
Joseph Meisel, Ph.D.	Link to website	*Assistant Professor* Chemistry	• Chemical design to enable targeting of molecules refractory to traditional medicinal chemistry approaches
Anne-Laure Papa, Ph.D.	Link to website	*Assistant Professor* Biomedical Engineering	• Targeting circulating tumor cells

Weiqun Peng	Link to website	*Adjunct Professor* Anatomy and Cell Biology	• Novel mechanisms of gene regulation • Information encoding and processing at the microscopic level
Antonia Sepulveda, Ph.D.	Link to website	*Professor* Pathology	• Molecular biomarkers in GI cancers
Edward Seto, Ph.D	Link to website	*Professor* Biochemistry and Molecular Medicine	• Molecular mechanisms of gene expression in cancer • Develop drugs to manipulate enzymes expressing high levels in cancer
Maho Shibata, Ph.D.	Link to website	*Assistant Professor* Anatomy & Cell Biology	• Study function of androgens in prostate cancer to improve androgen deprivation therapies
Brett Shook, Ph.D.	Link to website	*Assistant Professor* Biochemistry and Molecular Medicine	• Adipocyte and immune cell responses in cancer
Sherrie Wallington, Ph.D.	Link to website	*Associate Professor* Policy, Populations and Systems	• Health communication, SDOH, and community-based participatory research • Cancer prevention, health disparities, and clinical trial recruitment and engagement
Ray-Chang Wu, Ph.D.	Link to website	*Associate Professor* Biochemistry and Molecular Medicine	• Determine molecular mechanisms of SRC-3/AIB1 oncogene to improve anti-cancer therapy
Xiaoyan Zheng, Ph.D	Link to website	*Assistant Professor* Anatomy & Cell Biology	• Identify target genes for cancer drugs and therapies • Hedgehog signaling pathway
Wenge Zhu, Ph.D.	Link to website	*Associate Professor* Biochemistry & Molecular Medicine	• Mechanisms of genome stability, because genome instability contributes to cancer • Identify new drugs for cancer treatment