

PARTICIPATING SUMMER FACULTY MENTORS AT MD ANDERSON (CONDUCTING RESEARCH IN CANCER PREVENTION)

NOTE: Faculty in BOLD & highlighted in YELLOW have previously mentored OR agreed to mentor a SUMMER intern.

Faculty in ITALICS have previously mentored OR agreed to mentor a CP RTP *Postdoc fellow*, but **may accept a summer intern.**

NOTE POTENTIAL MENTORS ONLY: To be added to this list, email your name, any co-mentors, and keywords to describe your research project to Apply@CancerPreventionTraining.org

Full Name & Credentials	Title	Department(s)	Faculty Profile	Research Interests
Janice Blalock, Ph.D.	Associate Professor	Behavioral Science	https://faculty.mdanderson.org/profiles/janice_blalock.html	Smoking cessation interventions, Comorbid psychiatric disorders with smoking, Pregnant smokers
<i>George Kyriotakis, Ph.D.</i>	<i>Assistant Professor</i>	<i>Behavioral Science</i>	https://faculty.mdanderson.org/profiles/george_kyriotakis.html	<i>Quantitative Methodology, Tobacco Use, Social Determinants of Risky Behaviors</i>
<i>Kathrin Milbury, MA, Ph.D.</i>	<i>Associate Professor</i>	<i>Behavioral Science</i>	https://faculty.mdanderson.org/profiles/kathrin_milbury.html	<i>Psychosocial interventions, patient-family caregiver dyadic processes, mind-body medicine, cancer adjustment, physical activity, advanced cancer, physical function, symptom and quality of life outcomes</i>
Susan Peterson, Ph.D.	Professor	Behavioral Science	https://faculty.mdanderson.org/profiles/susan_peterson.html	psychosocial and behavioral outcomes of genetic and genomic testing for hereditary cancers in cancer survivors and their families; development and evaluation of digital health applications in cancer prevention and survivorship, including mobile and sensor technology for behavioral assessment and intervention
<i>Jason D. Robinson, Ph.D.</i>	<i>Associate Professor</i>	<i>Behavioral Science</i>	https://faculty.mdanderson.org/profiles/jason_robinson.html	<i>Tobacco Cessation & Control, Behavioral Science</i>
<i>Francesco Versace, Ph.D.</i>	<i>Associate Professor</i>	<i>Behavioral Science</i>	https://faculty.mdanderson.org/profiles/francesco_verse.html	<i>Event-Related Potentials, functional Magnetic Resonance Imaging, Nicotine, Obesity</i>
Maher Karam-Hage, M.D.	Professor	Behavioral Science - Clinical	https://faculty.mdanderson.org/profiles/maher_karam-hage.html	Tobacco treatment, Pharmacological treatment of addiction, psychopharmacology of tobacco treatment, co-occurring (depression, anxiety, insomnia) and addiction
<i>Ken Chen, Ph.D.</i>	<i>Associate Professor</i>	<i>Bioinformatics and Computational Biology</i>	https://faculty.mdanderson.org/profiles/ken_chen.html	<i>Artificial Intelligence, Cancer Omics, Single Cell, Immunotherapy</i>
<i>Kim-Anh Do, Ph.D.</i>	<i>Professor</i>	<i>Biostatistics</i>	https://faculty.mdanderson.org/profiles/kim-anh_do.html	<i>Computational statistics & biostatistics, bioinformatics, statistical genetics, non-parametric methods, integrative methods for imaging and high throughput omic data</i>
<i>Yisheng Li Ph.D.</i>	<i>Associate Professor</i>	<i>Biostatistics</i>	https://faculty.mdanderson.org/profiles/yisheng_li.html	<i>n/a</i>
<i>Yu Shen, Ph.D.</i>	<i>Professor</i>	<i>Biostatistics</i>	https://faculty.mdanderson.org/profiles/yu_shen.html	<i>Biostatistics method research in breast cancer screening and treatment, biased sampling and cost-effectiveness to evaluate cancer screening strategies</i>
<i>Isabelle Bedrosian, M.D., F.A.C.S.</i>	<i>Professor</i>	<i>Breast Surgical Oncology</i>	https://faculty.mdanderson.org/profiles/isabelle_bedrosian.html	<i>breast cancer risk prediction, machine learning, prevention</i>
Pratip K. Bhattacharya, Ph.D.	Associate Professor	Cancer Systems Imaging	https://faculty.mdanderson.org/Pratip_Bhattacharya/Default.asp?SNID=0	Hyperpolarization, Real-Time Imaging, MRI, Metabolic Imaging, Molecular Imaging, Metabolic Evolution of Patient-Derived Glioblastoma Xenografts, In Vivo Hyperpolarized 13C MRI, Ex Vivo 1H NMR
Susan C. Gilchrist, M.D., M.S.	Professor	Clinical Cancer Prevention	https://faculty.mdanderson.org/profiles/susan_gilchrist.html	exercise, cardiorespiratory fitness, cardiovascular prevention, chemoprevention, cardiology
Samir Hanash, M.D., Ph.D.	Professor	Clinical Cancer Prevention	https://faculty.mdanderson.org/profiles/samir_hanash.html	Cancer biomarkers , Cancer early detection
Florencia McAllister, M.D.	Associate Professor	Clinical Cancer Prevention	https://faculty.mdanderson.org/profiles/florencia_mcallister.html	Immune cells, pancreatic cancer, microbes, host defense, Pancreatic Tumorigenesis
Guang Peng, M.D., CHN	Associate Professor	Clinical Cancer Prevention	https://www.mdanderson.org/education-training/degrees-programs/summer-research-programs.html https://faculty.mdanderson.org/profiles/guang_peng.html	Genomic instability, DNA repair, immunoresponsiveness, early detection and intervention, Molecular Consequences, APOBEC3 Genes, Breast Cancer
Eduardo Vilar-Sanchez, M.D., Ph.D.	Assistant Professor	Clinical Cancer Prevention	https://faculty.mdanderson.org/profiles/eduardo_vilarsanchez.html	Colorectal neoplasms, hereditary nonpolyposis colorectal neoplasms, survival, Cancer Genetics, Colorectal Cancer, Chemoprevention, Lynch Syndrome
Carrie Daniel-MacDougall, Ph.D.	Associate Professor	Epidemiology	https://faculty.mdanderson.org/profiles/carrie_daniel-macdougall.html	Nutritional Epidemiology, Diet, Obesity, Microbiome, Colorectal Cancer, Prevention
Jian Gu, Ph.D.	Professor	Epidemiology	https://faculty.mdanderson.org/profiles/jian_gu.html	cancer epidemiology, genetic susceptibility, epigenetics, circulating biomarkers.
Manal Hassan, Ph.D.	Associate Professor	Epidemiology	https://faculty.mdanderson.org/profiles/manal_hassan.html	Pancreatic neoplasms, hepatocellular carcinoma, survival, confidence intervals, Gallbladder Stones , Risk of Hepatocellular Carcinoma, Multiethnic USA Population
Chad Huff, Ph.D.	Associate Professor	Epidemiology	https://faculty.mdanderson.org/profiles/chad_huff.html	Genetic epidemiology, Statistical genetics, Sequence-based association studies, Genetics of cancer risk, Rare variant association studies in cancer, Identification and characterization of cancer predisposition genes, Variant classification, Variants of uncertain significance
Veronika Fedirko, Ph.D., M.P.H. (Molecular Cancer Epidemiologist)	Associate Professor	Epidemiology	https://faculty.mdanderson.org/profiles/veronika_fedirko.html	etiology and prevention (primary and tertiary) of gastrointestinal cancers; how dietary, lifestyle, environmental, metabolomic and microbiome factors combine and interact in producing cancer in humans; how cancer and its progression can be prevented by lifestyle modifications and/or chemopreventive agents.

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Kevin T. Nead, M.D., M.Phil.	Assistant Professor	Epidemiology	https://www.mdanderson.org/research/departments-labs-institutes/labs/nead-laboratory.html	Genetics, sequencing, genotyping, cancer, Mendelian Randomization, clonal mosaicism, clonal hematopoiesis, epidemiology, health services, radiation, Radiation Oncology, Cancer Genetics, Cancer Epidemiology, Outcomes Research, Computational Genetics, Clonal Mosaicism
Scott Kopetz, M.D., Ph.D., FACP	Professor	Gastrointestinal (GI) Medical Oncology	https://faculty.mdanderson.org/profiles/e_kopetz.html	Colorectal Cancer, Molecular Subtypes, Non-Steroidal Anti-Inflammatory Drugs, Chemoprevention, Translational Research; Quantitative Methodology, Tobacco Use, Social Determinants of Risky Behaviors
Jessica P. Hwang, M.D.	Professor	General Internal Medicine	https://faculty.mdanderson.org/profiles/jessica_hwang.html	Screening for metabolic syndrome in patients with cancer to navigate them to behavioral and lifestyle interventions; Hepatitis B screening and management to prevent reactivation due to systemic anticancer therapy; Community-based liver cancer prevention project at a local FQHC; screening and management of hepatitis B, hepatitis C, alcohol use, and fatty liver disease; Human papillomavirus screening and vaccination among allogeneic stem cell transplant patients
Terri L. Woodard, M.D.	Associate Professor	Gynecologic Oncology and Reproductive Medicine	https://faculty.mdanderson.org/profiles/terri_woodard.html	oncofertility, survivorship, quality of life, medical decision making, reproductive medicine, health disparities
Jose Alejandro Rauh-Hain, Ph.D.	Assistant Professor	Gynecologic Oncology and Reproductive Medicine	https://faculty.mdanderson.org/profiles/jose_rauh-hain.html	health disparities research, oncofertility, genetic testing medically underserved populations
Kathleen Schmeier, M.D., Professor (Co-mentors: Ellen Baker, M.D., Director, Project ECHO; and Melissa Varon, M.S., Program Director, Project ECHO)	Associate Professor	Gynecologic Oncology and Reproductive Medicine	https://faculty.mdanderson.org/profiles/kathleen_schmeier.html	Project ECHO: Mentoring, telementoring, demonopolizing knowledge, provider education, Cervical Cancer in Low-Resource Settings: Cervical cancer prevention, woman's health, cervix cancer screening, early detection, program implementation
Charlotte C. Sun, Dr.P.H., M.P.H.	Associate Professor	Gynecologic Oncology and Reproductive Medicine	https://faculty.mdanderson.org/profiles/charlotte_sun.html	Patient-reported outcomes, patient preferences, gynecologic (ovarian cancer), treatment/prevention decision making
Melinda S. Yates, Ph.D.	Associate Professor	Gynecologic Oncology and Reproductive Medicine	https://faculty.mdanderson.org/profiles/melinda_yates.html	translational research in endometrial (uterine) cancer prevention, obesity, hereditary cancer risk (Lynch syndrome), cancer immuno-prevention, mouse models and clinical studies
Katherine A. Hutcheson, Ph.D.	Professor	Head and Neck Surgery	https://faculty.mdanderson.org/profiles/katherine_hutcheson.html	Head and neck cancer, survivorship, toxicity, patient-reported outcomes
Karen Basen-Engquist, B.A, M.P.H, Ph.D (Co-mentor: Matthew H. G. Katz, Ph.D., Professor and Chair, Surgical Oncology)	Professor	Health Disparities Research	https://faculty.mdanderson.org/profiles/karen_basen-engquist.html	PancFit - Exercise Program for Patients undergoing Pre-Operative Treatment for Pancreatic Cancer Measuring Changes in Muscle in Patients undergoing Cancer Treatment (Retrospective Work using CT Scans and Chart Review)
Dalnim Cho, Ph.D.	Assistant Professor	Health Disparities Research	https://faculty.mdanderson.org/profiles/dalnim_cho.html	Cancer disparities; Multilevel intervention; Multiple health behaviors change
Qian Lu, MD, Ph.D	Professor	Health Disparities Research	https://faculty.mdanderson.org/profiles/qian_lu.html	Health Disparities, Cancer survivorship (Asian American, AYA, rural), quality of life, promoting HPV Vaccination; Psychosocial Interventions, Emotion Regulation, Expressive Writing, Social Support, Cancer Survivorship, Asian American, Health Disparities
Scherezade K. Mama, DrPH	Assistant Professor	Health Disparities Research	n/a	Physical activity, Psychosocial distress, Rural health disparities, Implementation science, Community-based research, Cancer Survivorship, Rural Cancer Disparities, Community Engaged Research
Surendranath S. Shastri, MBBS, M.D., DPh	Professor	Health Disparities Research	https://faculty.mdanderson.org/profiles/surendranath_shastri.html	Cancer Prevention (HBV and HPV vaccination), Cancer Screening (Cervical, Breast, Oral) and Tobacco Cessation
Larkin Strong, Ph.D., MPH	Associate Professor	Health Disparities Research	https://faculty.mdanderson.org/profiles/larkin_strong.html	Behavioral Interventions, Energy Balance, Healthy Eating, Physical Activity, Community Health Workers, Hispanic/Latino, Community-Engaged Research, Health Disparities; cancer disparities, lifestyle interventions, physical activity,
Isabel Martinez Leal, Ph.D., M.P.H.	Research Assistant Professor	Health Disparities Research	n/a	Qualitative research, social determinants of cancer inequities among minoritized and marginalized communities, tobacco cessation, lung cancer prevention
Lilian Shin, Ph.D., Postdoctoral Fellow (Supervisor: Qian Lu, Ph.D., Professor)	Postdoctoral Fellow (Dr. Qian Lu, Supervisor, Professor)	Health Disparities Research	https://faculty.mdanderson.org/profiles/qian_lu.html	Cancer Prevention, Cancer Survivors, Quality of Life, Positive Activities, Asian-American, Well-Being
Lorraine Reitzel, Ph.D., (Co-Mentors: Maggie Britton & Isabel Martinez Leal)	Professor	Health Disparities Research	https://www.lorrainereitzel.com/	Health equity; tobacco use; community-informed intervention; dissemination and implementation; minoritized and marginalized groups
Mariana Chavez Mac Gregor, MD, MSC	Associate Professor	Health Services Research	https://faculty.mdanderson.org/profiles/mariana_chavezmacgregor.html	breast cancer, disparities, guidelines, cancer care delivery, Patterns of Treatment and Treatment-Related Complications among Breast Cancer Patients using Claims Data

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Sharon Giordano, M.D., M.P.H.	Chair	Health Services Research	https://faculty.mdanderson.org/profiles/sharon_giordano.html	Health Services Research, Breast Cancer, Survivorship, Cancer Outcomes, Prevention in Rural Populations; Research using large databases to study quality of health care delivery, disparities, and outcomes for cancer patients
Larissa A. Meyer, M.D., MPH, F.A.C.O.G., F.A.C.S.	Associate Professor	Health Services Research	https://faculty.mdanderson.org/profiles/larissa_meyer.html	gynecologic cancers, shared medical decision making, financial toxicity, patient-reported outcomes, secondary cancer prevention, maintenance therapy, health care disparities, health services research, opioids, cervical cancer, endometrial cancer, ovarian cancer, patient reported outcomes, symptom burden, survivorship
Ya Chen Tina Shih, Ph.D.	Professor	Health Services Research	https://faculty.mdanderson.org/profiles/yachen_shih.html	cancer health economics, cancer policies, medical cost research, economic evaluation
Maria E. Suarez-Almazor, MD, PhD	Professor	Health Services Research	https://faculty.mdanderson.org/profiles/maria_suarez-almazor.html	Comparative effectiveness research, survivorship, comorbidities in cancer patients, adverse events of cancer; therapies, immunotherapy, Prevention of cervical cancer in patients with autoimmune diseases
Lakovos Toumazis, Ph.D.	Assistant Professor	Health Services Research	https://mdanderson.elsevierpure.com/en/persons/iakovos-toumazis	Mathematical models; statistical models; cancer treatment; cancer screening; cancer surveillance; health economics; medical decision making; decision aid tools; cancer risk assessment; Markov decision process; microsimulation; stochastic optimization; linear and nonlinear programming; network optimization; robust optimization; Markov models
Robert J. Volk, Ph.D.	Professor and Director, Decision Support Lab Deputy Chair	Health Services Research	https://faculty.mdanderson.org/profiles/robert_volk.html	Developing and testing methods: for presenting risk information and uncertainty to patients, for assessing the quality of patient decision making, of assessing preferences in making decisions about care and treatment
Hui Zhao, Ph.D.	Assistant Professor	Health Services Research	https://faculty.mdanderson.org/profiles/hui_zhao.html	Health Services Research, Big Data Analysis, Cancer Epidemiology, Cancer Survivorship, Cancer Prevention
Maria Angeles Lopez-Olivo, M.D., M.Sc., Ph.D.	Associate Professor	Health Services Research	https://faculty.mdanderson.org/profiles/maria_lopezolivo.html	Meta-Analysis, Systematic Review, Synthesis of Evidence, Evidence-based Medicine; Cancer Prevention in Patients with Rheumatic Diseases
I-Wen Elaine Pan, Ph.D.	Assistant Professor	Health Services Research	https://scholar.google.com/citations?user=4vm2VTIAAAAI&hl=en	Cancer Economics, Outcomes Research, Pharmacoeconomics, Health Services Research, Big Data Analysis
Juan Ignacio Ruiz, M.D., MPH (Supervised by Dr. Sharon Giordano, Chair and Professor)	Instructor	Health Services Research	https://faculty.mdanderson.org/profiles/juan_ruiz.html	Keywords: Systematic review, clinical practice Guidelines, Cancer Immunotherapy, evidence-based medicine; Project Title: Quality Assessment of the Recommendations and Characteristics of Clinical Practice Guidelines on Cancer Immunotherapy
Lisa Lowenstein, Ph.D., Professor	Assistant Professor	Health Services Research	https://faculty.mdanderson.org/profiles/lisa_lowenstein.html	Exercise, Cancer Survivors
Mackenzie Wehner, M.D., M.Phil.	Assistant Professor	Health Services Research, Dermatology	https://faculty.mdanderson.org/profiles/mackenzie_wehner.html	Skin Cancer (basal cell carcinoma, squamous cell carcinoma, melanoma), Epidemiology, Public Health, Indoor Tanning, Prevention, Early Detection
Michelle A.T. Hildebrandt, Ph.D.	Associate Professor	Lymphoma/Myeloma	https://faculty.mdanderson.org/profiles/michelle_hildebrandt.html	Myeloma, Lymphoma, Adolescent and Young Adult (AYA) cancer, Survivorship, Cardiotoxicity and late-effects
Christopher Robert Flowers, MD	Chair	Lymphoma/Myeloma	https://faculty.mdanderson.org/profiles/christopher_flowers.html	Lymphoma, Cancer Disparities, Medical Informatics, DLBCL, Epidemiology and Outcomes Research, Cancer control and management, CART Therapy, Immunotherapy, Single cell sequencing, Hematology, Oncology, Clinical and Translational research
Cindy Carmack, Ph.D.	Professor	Palliative Care, Rehabilitation, and Integrative Medicine	https://faculty.mdanderson.org/profiles/cindy_carmack.html	Behavioral science/psychological/quality of life of cancer patients, psychosocial studies in palliative care
Lorenzo G Cohen, Ph.D.	Professor	Palliative, Rehabilitation, and Integrative Medicine	https://faculty.mdanderson.org/profiles/lorenzo_cohen.html	Psycho-oncology, Integrative medicine, Mind-body, Quality of life, Survivorship, Acupuncture
Keri Schadler, Ph.D.	Assistant Professor	Pediatrics - Research	https://faculty.mdanderson.org/profiles/keri_schadler.html	Exercise, Tumor angiogenesis, Tumor biology, Mouse models, Biomarkers
Joya Chandra, Ph.D.	Associate Professor	Pediatrics & Epigenetics and Molecular Carcinogenesis	https://faculty.mdanderson.org/profiles/joya_chandra.html	pediatric oncology research; preclinical therapeutics; energy balance, Cooking practices, Pediatric cancer survivors
Michael Roth, M.D.	Associate Professor	Pediatrics Patient Care	https://faculty.mdanderson.org/profiles/michael_roth.html	Adolescent and Young Adult Oncology, Survivorship, Childhood Cancer, Cardiotoxicity, Genetic Predisposition, Secondary Malignancies, Health-Related Quality of Life, Clinical Trial Enrollment Disparities
Clifton David Fuller, M.D., Ph.D.	Associate Professor	Radiation Oncology	https://faculty.mdanderson.org/profiles/clifton_fuller.html	Artificial Intelligence, Big Data, Cancer Survivors, Carcinoma, Clinical Trials, Cone-Beam, Computed Tomography, Cranial Nerve Diseases, Datasets, Deglutition, Deglutition Disorders, Drug Therapy, Head and Neck Neoplasms, Image-Guided Radiotherapy, Intensity-Modulated Radiotherapy, Kinetics, Lymph Nodes, Magnetic Resonance Imaging, Magnetic Resonance Spectroscopy, Merkel Cell Carcinoma, Mouth, MRI Linear-Accelerator, Neck, Neoplasms, Organs at Risk, Oropharyngeal Neoplasms, Osteoradionecrosis, Patient Reported Outcome Measures, Photons, Physicians, Progression-Free Survival, Proton Therapy, Radiation, Radiation Oncologists, Radiation Oncology, Radiosurgery, Radiotherapy, Re-Irradiation, Recurrence, Skull Base, Software, Squamous Cell Carcinoma, Squamous Cell Carcinoma of Head and Neck, Statistics, Survival, Survival Rate
Grace Smith, M.D., Ph.D., M.P.H.	Assistant Professor	Radiation Oncology, Health Services Research	https://faculty.mdanderson.org/profiles/grace_smith.html	financial toxicity, oncology care delivery, health services research, radiation oncology

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Mary T. Austin, M.D.	Associate Professor	Surgical Oncology	https://faculty.mdanderson.org/profiles/marv_austin.html	Melanoma Prevention
Humam Kadara, Ph.D.	Associate Professor	Translational Molecular Pathology	https://www.lungcancerresearchfoundation.org/research/our-investigators/previous/funded-research/2010-university-of-texas-md-anderson-cancer-center-humam-kadara-phd/	Lung cancer evolution; airway field carcinogenesis; KRAS-mutant lung adenocarcinoma; lung cancer genomics; cancer single-cell omics; airway mutagenesis; lung cancer prevention; immune-prevention; early immunotherapy; lung tumor immunology; lung tumor immune microenvironment; gut and lung microbiota