

UC Cancer Research Coordinating Committee 2022 Competition Results
2022-2023 Awards list by Principal Investigator

PI Name		Campus	Project Title
Jacqueline	Barlow	UCD	*Investigating G-quadruplex induced instability in B cell lymphomagenesis
Andrew	Birkeland	UCD	Spatial transcriptomics patterns and correlations with outcomes in head and neck cancer
Angela	Brooks	UCSC	Determining the role of splicing in cancer-related stress adaptation
Wendy	Campana	UCSD	*Targeting LRP1 to Reduce the Incidence of Paclitaxel Induced Painful Peripheral Neuropathy
Randy	Carney	UCD	Combinatorial SERS-MOFs platform for ultrasensitive biomarker detection
Janai	Carr-Ascher	UCD	VGLL3 Amplification in Sarcoma Development and Growth
Sihem	Cheloufi	UCR	*Investigating the Role of Transposable Elements During Cell Fate Commitment
Michel	DuPage	UCB	*Combatting cancer immunosuppression with engineered Listeria monocytogenes
Jeffrey	Esko	UCSD	Heparan Sulfate Biomarker for Pancreatic Cancer
Todd	Fiacco	UCR	Targeted manipulation of tumor-associated reactive astrocytes in glioblastoma
Andrew	Goldstein	UCLA	Role of OGDHL in aggressive prostate cancer
Matthew	Hangauer	UCSD	Decoding Cancer Acquired Drug Resistance
Theodore	Holman	UCSC	12-Lipoxygenase Inhibitors as a Pancreatic Ductal Adenocarcinoma Therapeutic
Zeinab	Jahed	UCSD	*Controlling Membrane Rupture and Vibrational Imaging of Repair Dynamics in Cancer Cells
Sarah	Loerch	UCSC	Localized translation regulation in a cancer metastasis model
Gerardo	Mackenzie	UCD	*Evaluation of ketogenic diet strategies for pancreatic cancer-associated cachexia
Kara	McCloskey	UCM	*Integrated Model of Cancer, Vasculature, and Immune System
Meghan	Morrissey	UCSB	*Imaging CD40 activation to enable more effective agonists for immunotherapy
Ulrich	Muller	UCSD	Therapy of Myeloproliferative Neoplasms by JAK2V617F specific Trans-Splicing Ribozymes
Amar	Nijagal	UCSF	Dysregulated immune signals in the developing liver promote pediatric hepatoblastoma
Olga	Razorenova	UCI	Defining the molecular mechanism for targeting oxidative phosphorylation in breast cancer
Jun	Sheng	UCR	*Flexible Robotic Evacuator for Minimally Invasive Brain Tumor Therapy
Shaheen	Sikandar	UCSC	Investigating the role of vascular mimicry in breast cancer metastasis.
Christine	Toedebusch	UCD	The comparative immune-oncology of canine and human brain tumors designed to improve glioma outcomes
Hao-Chuan	Wang	UCD	*Enhancing Online Group Fitness Exercise for Health Improvement for Patients with Cancers
Torsten	Wittmann	UCSF	Optogenetic control of chromosome segregation
Jin	Yu	UCI	Developing computational assay for oncogenic MYC/MAX dimerization and search on DNA

*Projects involving recipients of Diversity and Disparities in Cancer Research Traineeship Supplements.
See page 2 for more details.

2022-23 Diversity and Disparities in Cancer Research Traineeship Supplements

PI Name		Campus	Students Supported
Jacqueline	Barlow	UCD	Kirtney Mae de Vera
Wendy	Campana	UCSD	Melissa Heredia
Sihem	Cheloufi	UCR	Shreyans (Archie) Patel
Michel	DuPage	UCB	Diego Gonzalez Ventura
Zeinab	Jahed	UCSD	Leah Spain
Gerardo	Mackenzie	UCD	Tarek Bacha
Kara	McCloskey	UCM	Jessalyn Arteta
Meghan	Morrissey	UCSB	Elaiza Nario
Jun	Sheng	UCR	Julio Ceja
Hao-Chuan	Wang	UCD	Sloka Suresh