

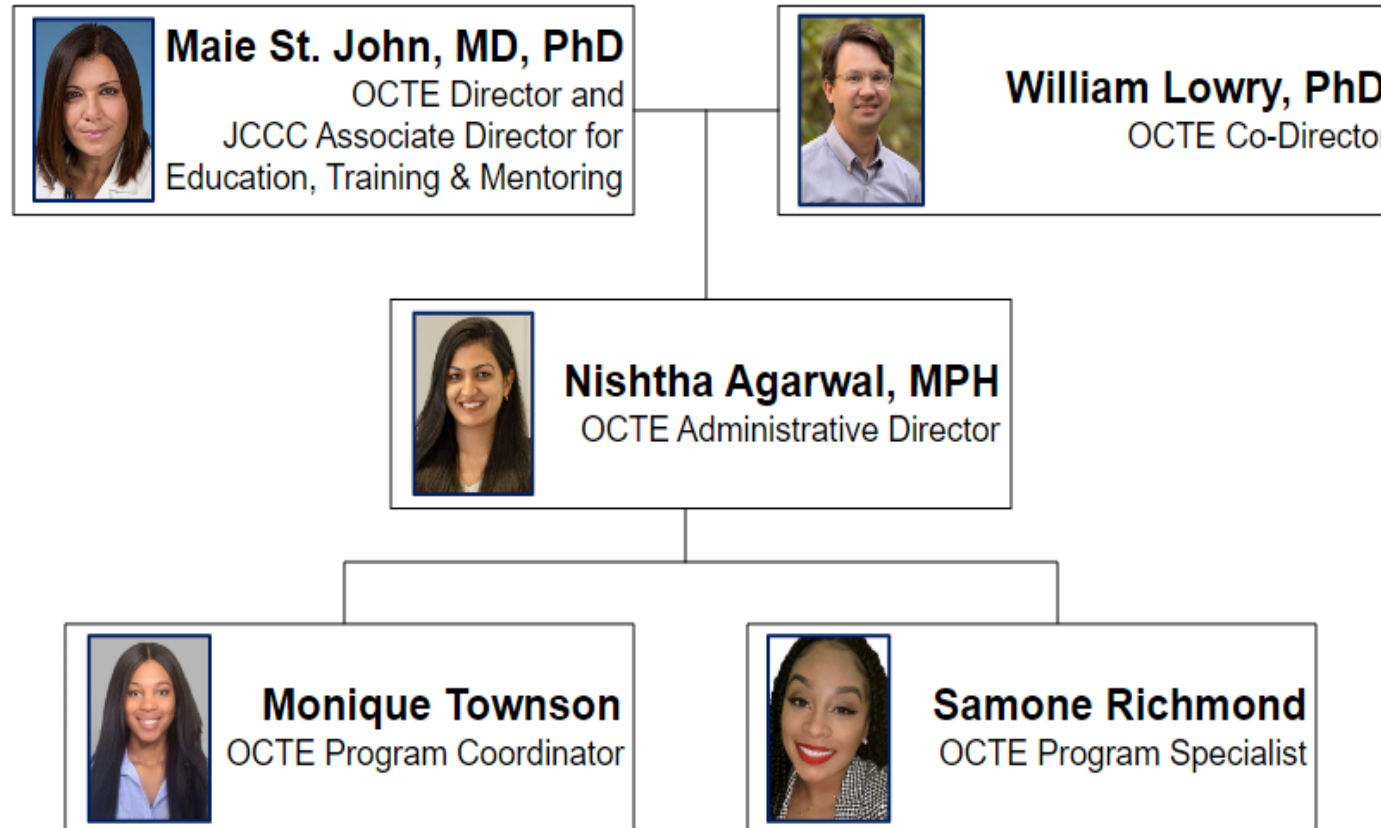
# Cancer Research Training & Education Coordination

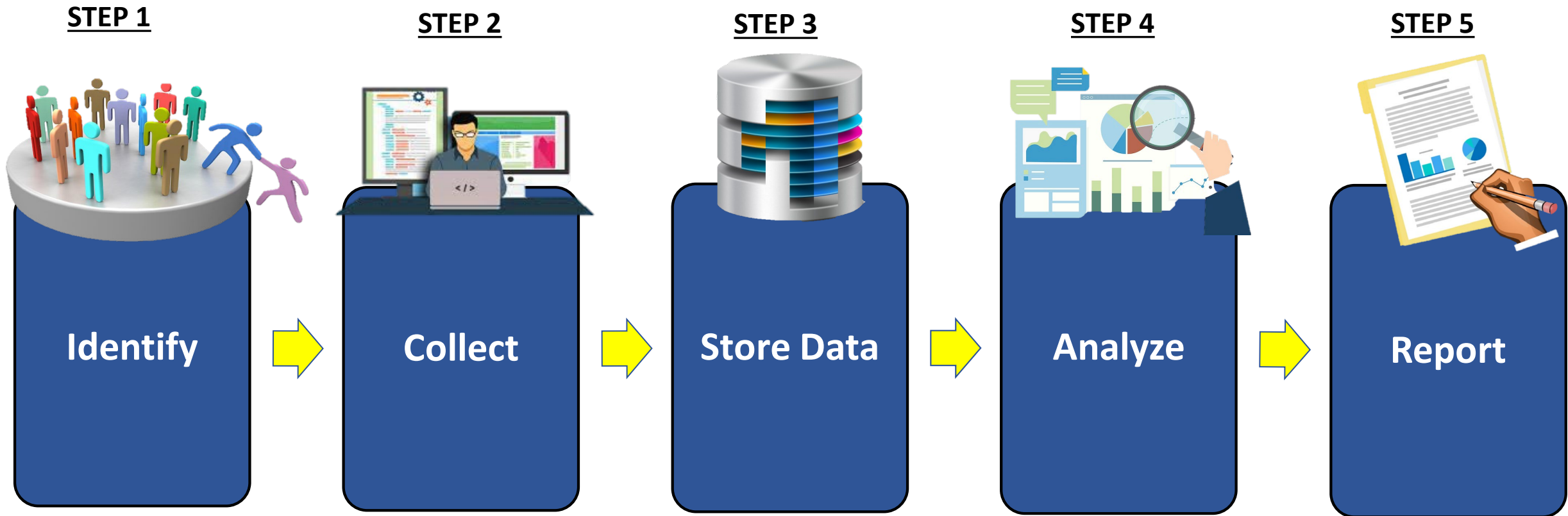
## Data collection and management: Challenges and Solutions



Nishtha Agarwal, BDS, MPH  
Administrative Director  
Office of Cancer Training & Education

UCLA JCCC-OCTE Organizational Structure





## Most NCI Centers



### NIH RePORTer

Data on NIH funded grants available through the NIH Research Portfolio



### Cancer Center Programs/CCSG Data Tables

Provide program information, statistics related to cancer research, funding, patient care, and institutional support.



### LinkedIn

Designed for connecting individuals, businesses, and professionals to facilitate networking, job searching, and career development

## Specific to UCLA



### Office of Research Administration Portal

Searchable database maintained by UCLA for all extramural awards received by UCLA faculty in the ORA Portal.



### Minerva

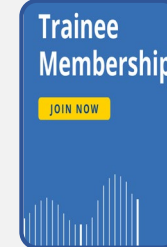
Web application designed to support the administration of training programs for UCLA graduate students and postdoctoral researchers in the biosciences.



### UCLA Central Human Resources

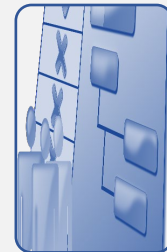
Helps with pulling a list trainees reporting to JCCC Members and academic status

## Specific to JCCC



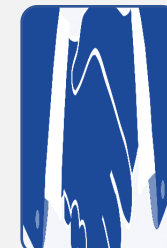
### JCCC Trainee Membership

Established to streamline the process of tracking all JCCC Trainees



### Cancer Center Projects

Serve as an approach that encompasses various educational and training projects, initiatives and data collection through applications and evaluations



### Partnering Organizations

Tactic used to gather and analyze information collaboratively to achieve shared objectives

## Management System

The tracking tools we currently use to house trainee information is Eval, Excel, Project Tacker, Qualtrics, and Air Table. We collect, organize, and manage various types of data for tracking.



DESCRIPTION	This Metric is a short detailed description of the program
OBJECTIVE	This metric evaluates whether the program is meeting its intended objectives and goals. By measuring specific targets and outcomes set by our offices specific aims.
COST	These metrics tracks the program's financial performance, including budget, cost per occurrence, return on investment (ROI) etc.
TIMELINE	These metrics assess the program's adherence to its planned timeline or schedule.
QUALITY	Quality metrics ensures that it meets predefined standards and NCI requirements.
TRAINEE INFORMATION & ENGAGEMENT	This metric captures the trainees personal information, achievements, and demographic data. As well as participation, engagement rate and the level of involvement and satisfaction.
IMPACT & OUTCOMES	These metrics assess the overall impact of the program on the targeted trainees. This involves collecting achievements, publications, awards data, success stories, measuring changes, knowledge, or other desired outcomes.
EFFICIENCY	Efficiency metrics measure the program's effectiveness in achieving outcomes relative to the resources and support expended. This includes time to completion, data analysis, and visualization.
FEEDBACK	Gathering feedback from trainees involved in or affected by the program for valuable insights for improvement.
SUSTAINABILITY	For ongoing programs, the sustainability metrics assess the program's ability to maintain its impact and relevance over time. Based on results from feedback and data visualization reports.

# Metrics By Trainee Category

## High School/ Community College

- School District
- Number of students
- Plan to apply to college
- Plan to select science/ pre-med major
- Community College transfers
- Demographics
- Contact information of STEM coordinator

## Undergraduate

- Department/ School/ College
- Contact info
- UCLA ID
- Demographic Data
- Mentor(s)
- Poster presentation, Awards, and other accolades
- Demographics
- Entry to Graduate Programs
- Program Involvement
- LinkedIn Profile

## Graduate

- Department/ School/ College
- Contact info
- UCLA ID
- Demographic Data
- Mentor(s)
- Research interest/Projects
- Cancer related Grants, Awards, and Publications
- Demographics
- Entry to Doctoral Program
- Program Involvement

## Predoc

- Department/ School/ College
- Contact info
- UCLA ID
- Demographic Data
- Mentor(s)
- Research interest/Projects
- Cancer related Grants, Awards, and Demographics
- Status of Doctoral Program
- Program Involvement
- LinkedIn Profile

## Postdoc

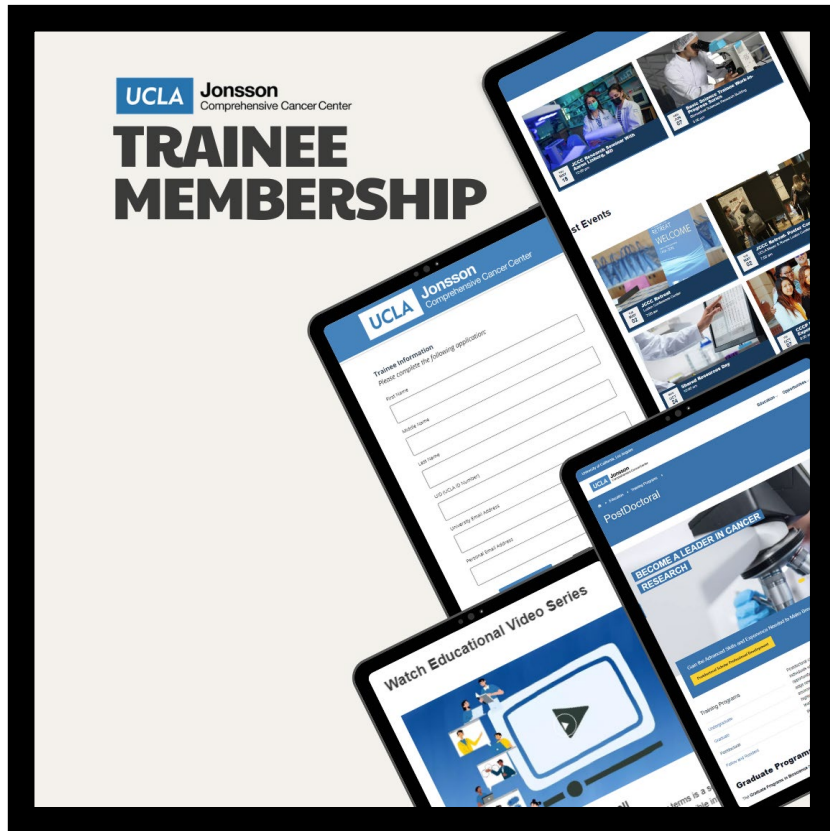
- Working Title/ Area
- Contact info
- UCLA ID
- ORCHID ID
- Demographic Data
- Mentor(s)
- Research Interest/Projects
- Cancer related Grants, Awards, and Publications
- Demographics
- Program Involvement
- LinkedIn Profile

## Residents/Clinical Fellows

- Department
- Contact info
- UCLA ID
- ORCHID ID
- Demographic Data
- Mentor(s)
- Research/Training Projects
- Cancer related Grants, Awards, and Publications
- Program Involvement
- LinkedIn Profile

## Faculty

- Academic level
- Contact info
- Demographic Data
- Affiliated research program at the Cancer Center
- Cancer focused research and Training grants
- Research Interest/ Clinical Trials
- Program Involvement
- Mentoring Activities
- CRTEC Involvement



## Trainee Membership Application

- The **Trainee Membership** is available to all undergraduates, graduates, predocs, postdocs, clinical fellows and residents at UCLA. Trainee members must have an interest in cancer related disciplines and, the ability and willingness to contribute to the cancer center programs and activities. You will have access to a community of cancer trainees and mentors, programs, seminars, educational events, career development opportunities, and more.

## Trainee Portal

- The **Trainee Portal** is an inclusive platform for trainees interested in cancer research. As a Trainee member, they gain entry into a vibrant community of fellow cancer trainees and mentors. Within this portal, you'll find a wealth of resources, including programs, seminars, educational events, and career development opportunities, all aimed at nurturing trainee involvement in cancer center programs and activities.



University of California, Los Angeles

UCLA Jonsson Comprehensive Cancer Center

Education Opportunities Events About

Apply for Trainee Membership

University of California, Los Angeles

UCLA Jonsson Comprehensive Cancer Center

Education Opportunities Events About

SEMINARS AND EVENTS

RETREAT WELCOME  
2020 ANNUAL ALL-CENTER  
UJCCC CONFERENCE CENTER  
7AM-5PM

### Upcoming Events

JCCC / Special Seminar  
Center for Health Sciences (CHS)  
12:00 pm

JCCC Leaders in the Lab  
Center for Health Sciences (CHS)  
12:00 pm

JCCC Leaders in the Lab  
Center for Health Sciences (CHS)  
12:00 pm

### Featured Past Events

Shared Resources Day  
1:00 pm

CCRP Power To The Stem...  
6:30 pm

Basic Science Trainee...

University of California, Los Angeles

UCLA Jonsson Comprehensive Cancer Center

Education Opportunities Events About

UNDERGRADUATE TRAINING PROGRAMS

Home | Education | Training Programs

### Training Programs

- Undergraduate
- Graduate
- Postdoctoral
- Fellow and Resident

### UNDERGRADUATE

Undergraduate Research and educational Program is a three-quarter scholarship program that supports students who are conducting a life science, physical science, or engineering research project with a UCLA faculty during the 2022-2023 academic year.

[Biomedical Sciences Enrichment Program](#)

### Biomedical Sciences Enrichment Program (BISEP)

The Biomedical Sciences Enrichment Program (BISEP) is a six-week program that prepares rising sophomores for upper division coursework and undergraduate research in the biomedical sciences. The goal of this program is to increase the number of students pursuing research-based careers.

[Biomedical Sciences Enrichment Program](#)

### Catech Medical Scientist Training Program (MSTP)

The Catech Medical Scientist Training Program (MSTP) offers upper division undergraduate students with outstanding academic potential the opportunity to work closely with faculty mentors on research projects. The programs are designed for students who wish to learn more about the graduate school experience and possibly pursue an academic career in teaching and research.

[Catech Medical Scientist Training Program](#)

### CSUN-UCLA Stem Cell Scientist Training Program

The CSUN-UCLA Stem Cell Scientist Training Program funds full-time immersion internships, allowing CSUN students to conduct independent research under the guidance of esteemed UCLA Broad Stem Cell Research Center faculty who are leaders in the field of stem cell biology and regenerative medicine.

[Stem Cell Scientist Training Program](#)



**We Want to Hear From You!**  
Please share your feedback and/or suggestions here

JCCCTrainees.ucla.edu

## Requested Information for Application

**UCLA Jonsson**  
Comprehensive Cancer Center

**UCLA Jonsson**  
Comprehensive Cancer Center

**Trainee Information**  
Please complete the following application:

First Name

Middle Name

Last Name

UID (UCLA ID Number)

University Email Address

Personal Email Address

**Done**

Primary Department/ Division/ School

### Personal Information

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- ❖ First Name Last Name
- ❖ Category/Status
- ❖ Email Address
- ❖ UID
- ❖ School/ Department/Division
- ❖ Graduation Date
- ❖ Linked In

### Scientific Information

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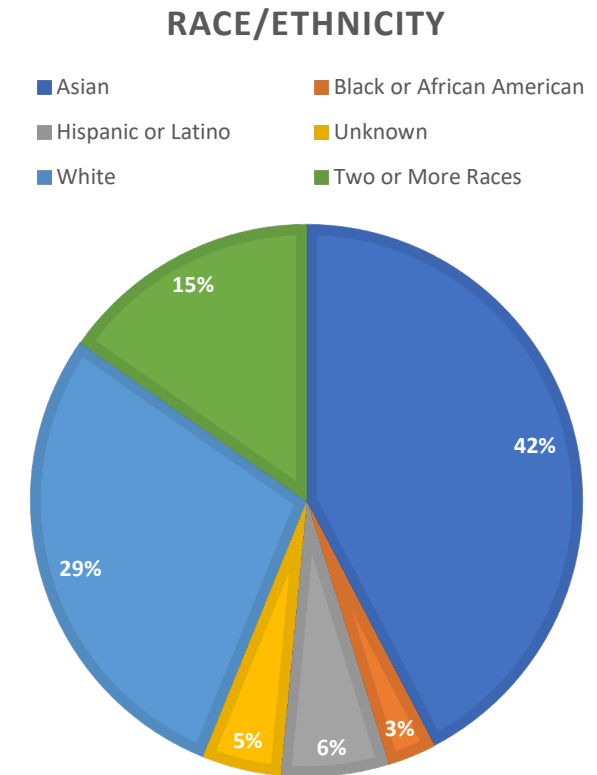
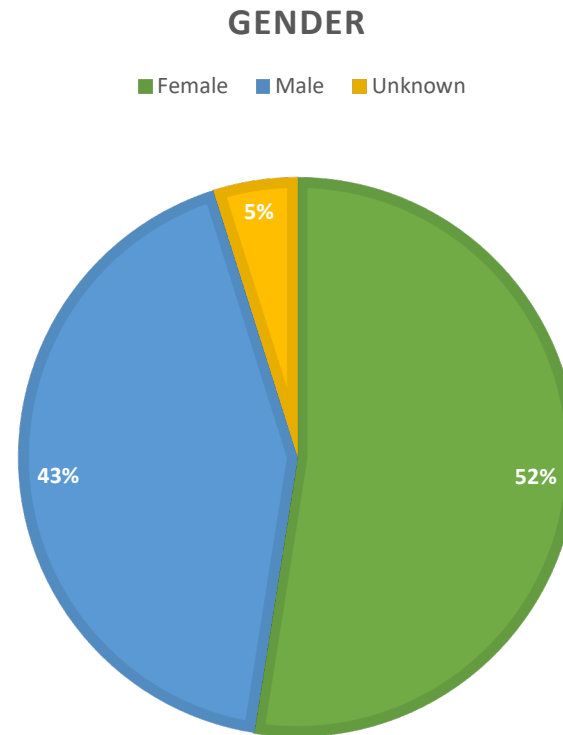
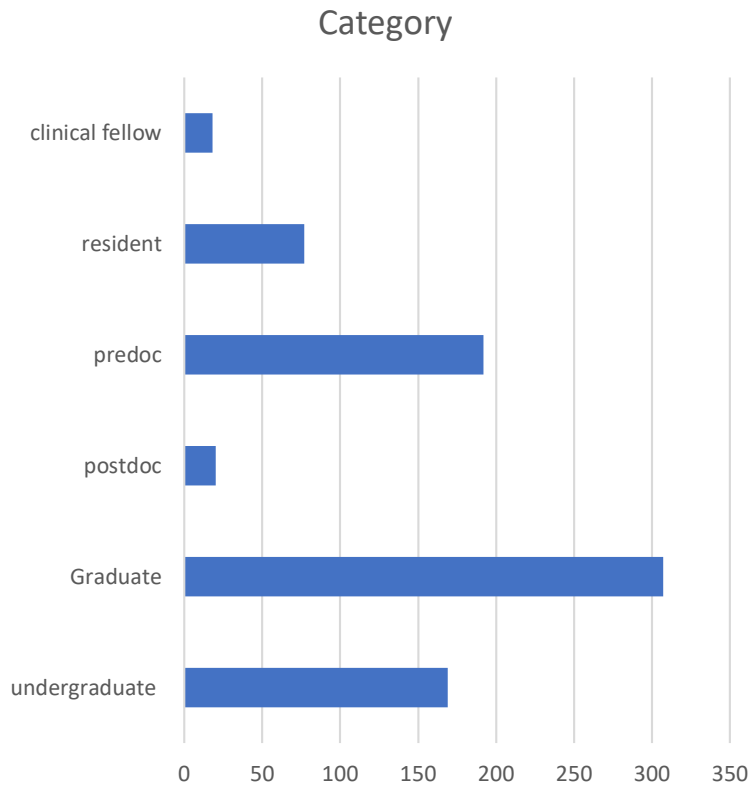
- ❖ Program Area
- ❖ Appointments
- ❖ Mentor(s)
- ❖ Scientific Interest
- ❖ Publishing Aliases
- ❖ Degrees
- ❖ ORCID ID

## Trainee Information

667 Trainees

52 Departments across UCLA Health /DGSOM

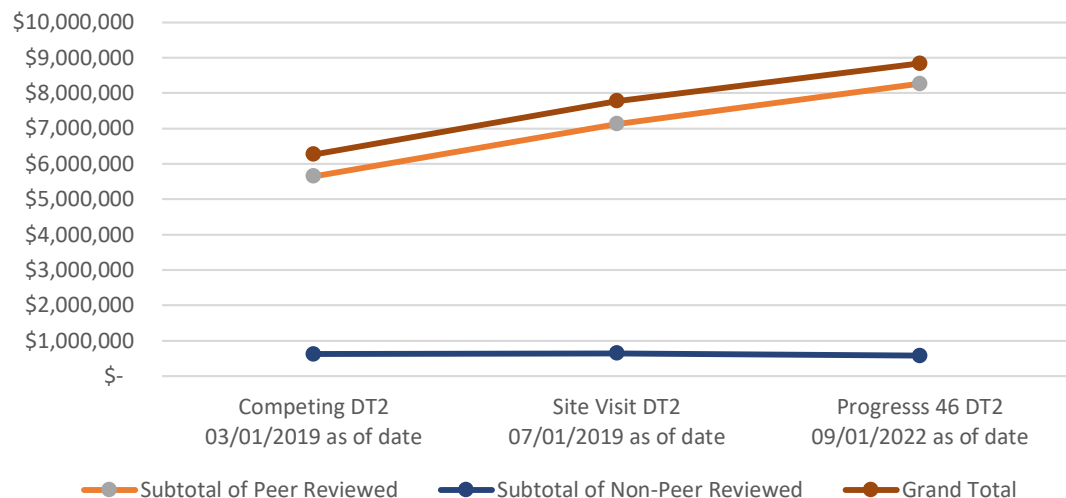
## Trainee Demographic Data



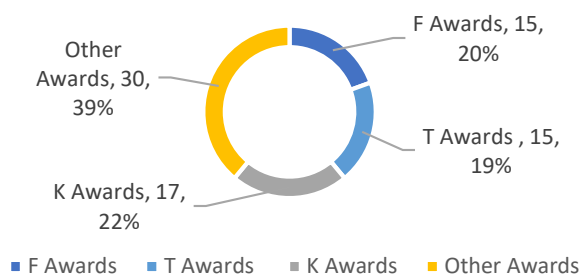
Demographic data collected from the JCCC Trainee Membership

## DT2

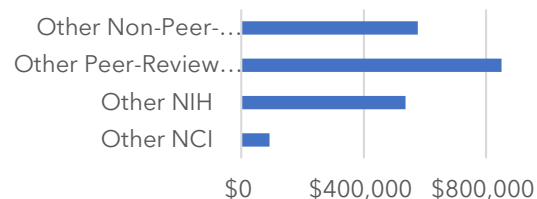
DT2B Training from Competing Application to Present:  
Totals



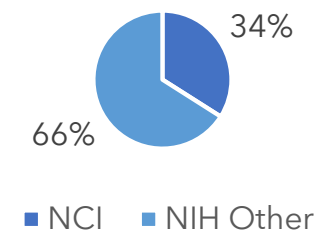
## Report Data



Funding Agency (Other Training Grants)



Funding Agency (F,T, K)



## TRAINEE OUTCOMES



### **Miaki Fukuhara**

#### **Project Name:**

Development of a T-cell PET probe to facilitate image guided immunotherapies in various cancers

#### **Academic Trajectory:** Recipient of **research scholarships through the URC-Sciences Summer Program**

Applying for graduate programs



### **Abraham John Horrillo**

*"The JCCC financial support allowed me to focus my time on research rather than working to pay tuition."*

#### **Academic Trajectory:** Attending **UCSF's Tetrad PhD Program for Molecular Biology**

Has **won a 2022 Dean Prize at UCLA's Undergraduate Research & Creativity Showcase**



### **Christa Caggiano**

Attended these F writing workshop and utilized knowledge gained and support from her mentor to **successfully apply for and obtain a cancer-relevant NINDS F31 titled "A Comprehensive Protocol for Tissue of Origin Prediction in Circulating Cell-Free DNA"**



### **Sada Boyd, PhD**

Postdoc trainee participated in F32 workgroup

**Academic Trajectory:**  
**University of California Presidential fellowship** award for her application developed through participation in **F32 program**



### **Ishan Saha**

*"This scholarship really helped me focus my attention on my project and what novel approaches I could use to understand and analyze the various forms of contrast enhancement I saw."*

**Academic Trajectory:**  
Attending **UCSD School of Medicine MD- program**  
Has **co-authored a publication (in Oxford Academic's Nucleic Acids Research)**

# CRTEC Administrative Network (CAN)

## (CAN) Founders/CORE Committee



**Nishtha Agarwal (UCLA)**

Administrative Director, Office of Cancer Training and Education UCLA Jonsson Comprehensive Cancer Center



**Jennifer Seuferer (UCSF)**

Education and Training Manager, UCSF Helen Diller Family Comprehensive Cancer Center



**Rachel Sorensen (Siteman)**

Senior Program Manager, Cancer Research Training & Education Coordination; Alvin J. Siteman Cancer Center Washington University



**Andrea Brocato (Fred Hutch)**

Assistant Director, Office of Education & Training, Fred Hutchinson Cancer Center  
Fred Hutch/University of Washington/Seattle Children's Cancer Consortium

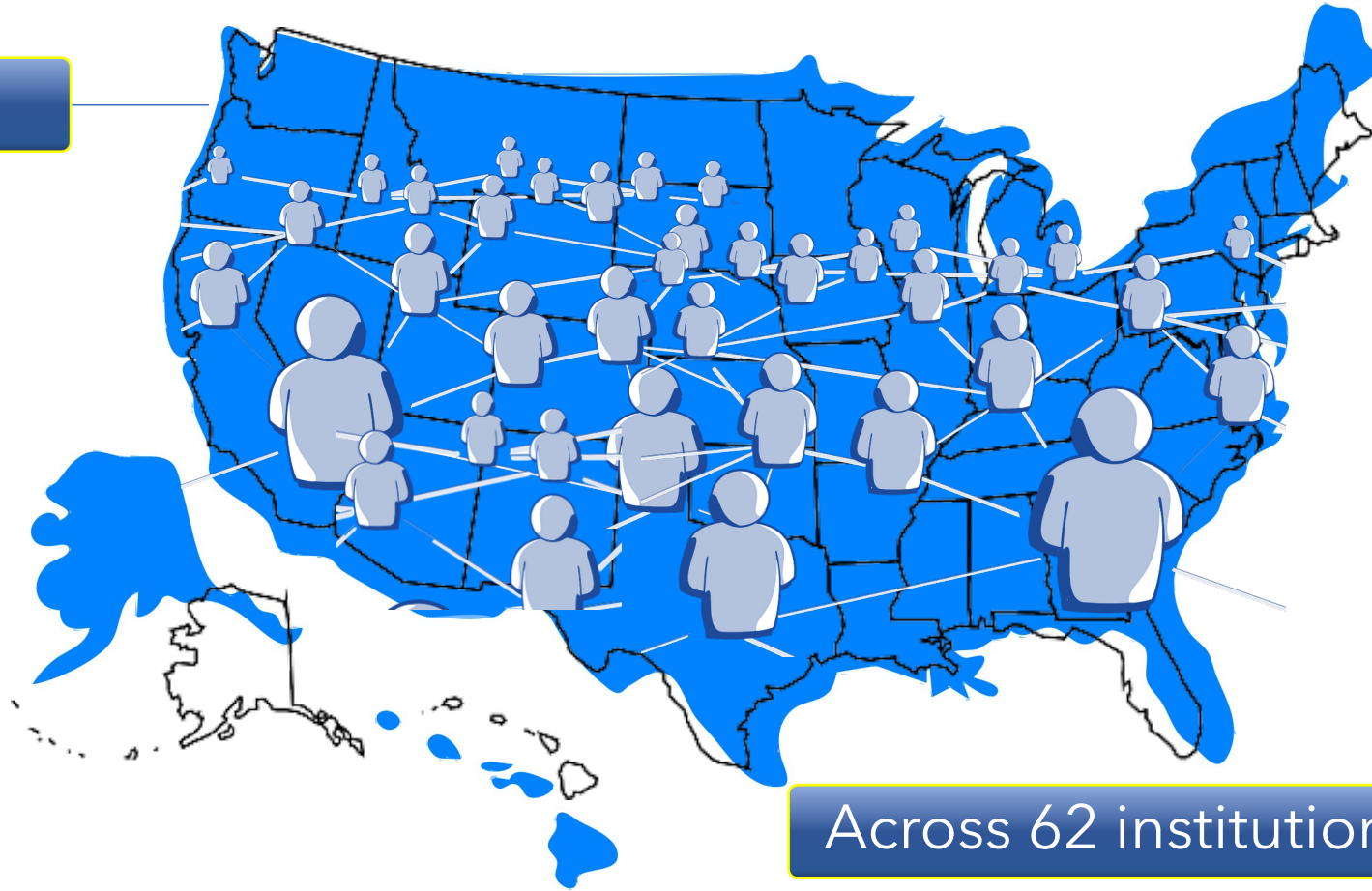


**Erin Oakley (Markey)**

Cancer Education Coordinator,  
Markey Comprehensive Cancer Center



200+ Members



Across 62 institutions





CRCE requirements and programming  
Monicur  
URM trainees  
Postdoc and faculty  
Mentoring and Training Initiatives for  
Underrepresented Students in Cancer Research  
Data Collection and Data Analysis - Tools/Software used

**2019-2020**

Metrics Process  
Getting Started with Trainee Outcomes and Metrics Tracking  
Faculty Development  
EVAL Education Enrollment  
National Predoctoral Diversity Program: Discussion to Determine Interest in a New Initiative  
Predoctoral NCI T32 Programming: CRTEC Interactions and Training for Predoctoral Trainees  
Best Practices for Effective Program Communications  
Monicur Tracking  
Trainee Associate Membership, EVAL Database, and Trainee Tracking

**2021**

Funding Opportunities for trainees and Junior Faculty  
CRTEC Programs  
CRTEC Administrative Networks Perspectives of COE & PED  
CRTEC Training Grants  
Interactions of Cancer Research Training Core with Research Programs  
Integration of PED with CRTEC and COE  
CCSG Submission and Site Visit Preparation Process

**2022**

High School Summer Research Program  
Mentor Enhancement  
Strategies for engaging trainees  
Trainee Associate Membership  
Summer Research Program evaluation  
F Writing Workshop Managements  
CRTEC-COE-PED collaborations and programs  
Diversity focused/URM supporting Cancer Center programs

**2023**

Annual Survey to Members

Curriculum design for the year

Post-event material distribution

CRTEC related events promotions: CABTRAC, CCAF, CRTEC workshop etc.

Webinar series by NCI program directors on education and training

Ad-hoc sessions on request

Professional development sessions



# Shared Folders and Resources



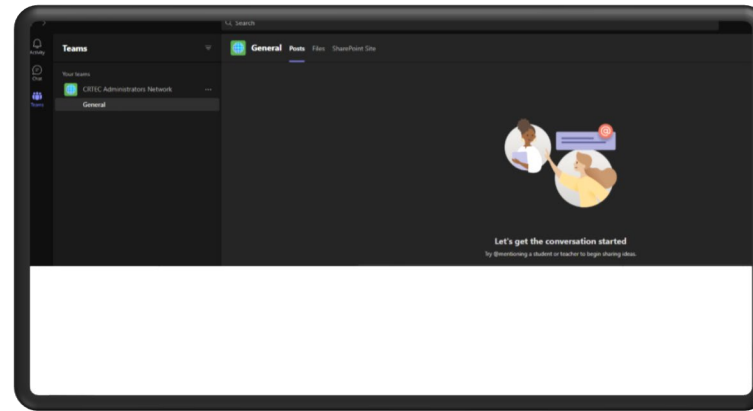
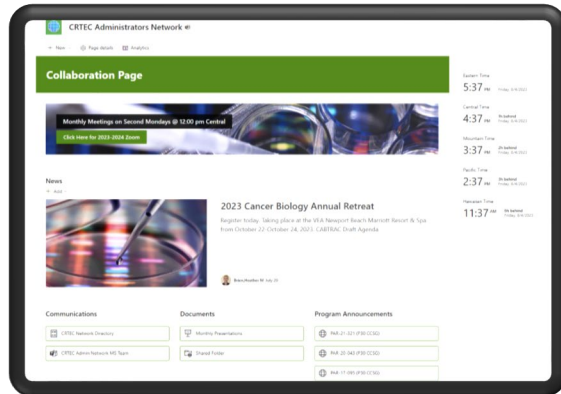
(CAN) SharePoint  
Website



Microsoft  
Teams Channel



Zoom  
Monthly Zoom  
Meetings



Open Positions ☆

Date Posted	Deadline	Position	Eligibility	Department
4/19/2023		Postdoc	Domestic International	Cancer Health Equity and Career I
7/18/2022	8/15/2022	Postdoc	Domestic International	Holden Comprehensive Cancer Ce
4/19/2022	5/20/2022	Postdoc	Not Specified	Hematologic Malignancies
3/15/2022	4/15/2022	Postdoc		Genomic Medicine
3/1/2022	3/31/2022	Postdoc	Domestic International	Translational Research in Multi-Di



THANK YOU!

Nishtha Agarwal, BDS, MPH  
UCLA Jonsson Comprehensive Cancer Center  
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