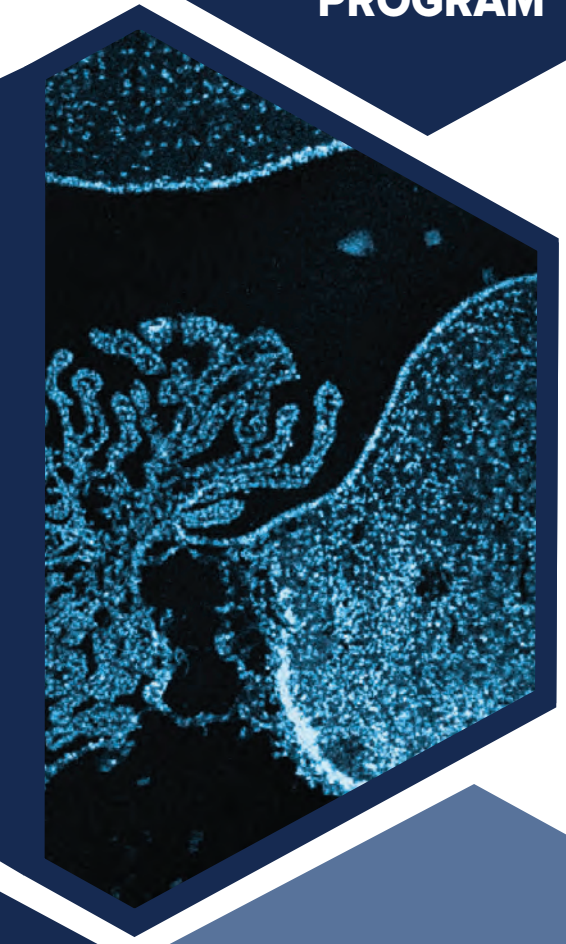
T32 FELLOWSHIP PROGRAM



ABOVE IMAGE:

A c-Myc and N-Myc double knockout P6 cerebellum, stained for the tumor suppresor p27KIP1.

Postdoctoral Training Experience in Cancer Biology

The NIH funded T32 fellowship program in Oncogenic Signals and Chromosome Biology (OSCB) offers a world-class roster of Mentors, who maintain vibrant research programs that provide a superb environment for training and career development. Training and research is focused on basic cancer biology, and the program offers opportunities to gain experience also in translational and clinical studies in conjunction with the UC Davis Comprehensive Cancer Center and the Clinical and Translational Science Center. The T32 OSCB offers a rich and individualized portfolio of program activities that foster career development. Trainees have full access to all career development activities of the UC Davis FUTURE program, an NIH-funded campus-wide career development program for biomedical scientists.

Mentors

John Albeck – Signal transduction networks; cell growth
Jacqueline Barlow – Genome instability; cancer initiation
Sean Burgess – Meiosis & chromosome organization
Luis-Carvajal Carmona – Genetics of cancer
Kermit Carraway – Cancer biology & therapeutics
Fred Chedin - DNA methylation & cancer
Hongwu Chen - Hormone signaling & cancer

Mentors (Cont.)

Xinbin Chen – P53 family of proteins
Sean Collins – Signal transduction & cell motility
Sheila David – DNA base excision repair; colorectal cancer
Joanne Engebrecht – Germ line biology & cancer; C. elegans
Allen Gao – Prostate cancer & therapeutic targets
Paramita Ghosh – Bladder & prostate cancer progression; novel therapeutics
Bruce Hammock – Arachidonate cascade & inflammation (as related to cancer)
Wolf-Dietrich Heyer – Mechanisms & regulation of recombinational DNA repair
Henry Ho – Cell migration & adhesion
Neil Hunter – Regulation of homologous recombinations during meiosis
Paul Knoepfler – Control mechanisims during stem cell fate
Stephen Kowalczykowski – Molecular mechanisms of genetic recombination
Kit Lam – Development of cancer therapeutics, imaging agents & diagnosis
Jian-Jian Li – Tumor resistance to radiation & chemotherapy
Su Hao Lo – Structure and function of adhesions
Satoshi Namakawa - Epigenetic mechanisms governing germ cells
Jodi Nunnari - Mechanisms of mItochondrial division & fusion
David Segal - Epigenetic editing of cancer genes
Daniel Starr - Mechanisms anchoring nuclei to cytoskeleton
Joseph Tuscano – Immune-based therapeutics for cancers
Yvonne Wan – Gut microbiota, nutrients & digestive tract carcinogenesis
Mark Winey - Microtubules and chromosome segregration

Looking for more information?

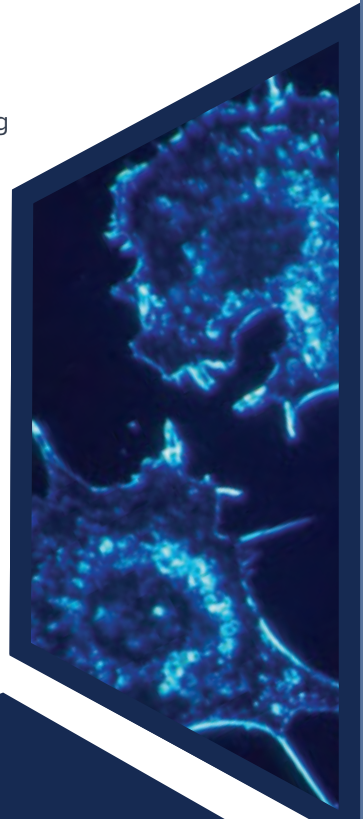
Please visit our website to learn more about our program:
https://oscb.ucdavis.edu

Want to know more about the mentors?

Browse through our webpage to find more about who is involved:
https://oscb.ucdavis.edu/people

Fellowship **ACTIVITIES.**

- Semi-annual T32 retreat & workshop
- Monthly lunch meeting
- Career development programs & planning
- Weekly seminar series
- Symposia
- Formal course offerings, incl. RCR
- Translational and clinical studies
- Writing component (workshops, courses)



APPLICATION

Application package and detailed application information can be obtained at our website:

https://oscb.ucdavis.edu

ELIGIBILITY

All application materials should be sent via email to:

Sharon Boylan:
saboylan@ucdavis.edu

1. Applicants are typically within 3 years of completion of their M.D., Ph.D. or M.D./Ph.D.
2. Applicants with an M.D., Ph.D., or M.D./Ph.D. degree, who wish to re-enter cancer research are welcome to apply.
3. Applicants must be US citizens, US non-citizen nationals, or permanent residents.

UCDAVIS COMPREHENSIVE CANCER CENTER

UCDAVIS OSCB POSTOCTORAL FELLOWSHIP PROGRAM

QUESTIONS ABOUT OSCB?

Program Director
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Email: wdHeyer@ucdavis.edu

Program Administrator
Sharon Boylan, PhD
Email: saBoylan@ucdavis.edu

Oncogenic Signals & Chromosome Biology

OSCB POSTDOCTORAL FELLOWSHIP PROGRAM

NIH Funded

This program provides fellowship to recent PhD, MD, or MD/PhD awardees with an interest in cancer biology.