

Eligible Faculty Research Sponsors for MCDB Majors 2024-2025

Biochemistry, Biophysics & Structural Biology

Jeffrey Abramson	John Colicelli	Tracy Johnson (MCDB)
Amjad Askary (MCDB)	Eric Deeds	Megan McEvoy
Keriann Backus	David Eisenberg	Kathrin Plath
Gal Bitan	Juli Feigon	Margot Quinlan
Douglas Black	Samuel French	Amy Rowat
Mehdi Bouhaddou	Robert Gunsalus	James Wohlschlegel
James Bowie	Feng Guo	Todd Yeates
Manish Butte	Kent Hill	Stephen Young
Samson Chow	Jing Huang	Z. Hong Zhou
Heather Christofk	Reid Johnson	

Bioinformatics

Valerie Arboleda	Alexander Hoffmann	Kathrin Plath
Amjad Askary (MCDB)	Steve Jacobsen (MCDB)	Van Savage
Hilary Coller (MCDB)	Leonid Kruglyak	Pavak Shah (MCDB)
Eric Deeds	Christopher Lee	Ren Sun
David Eisenberg	Stanley Nelson	Xia Yang
Daniel Geschwind	Bogdan Pasaniuc	Todd Yeates
Thomas Graeber	Matteo Pellegrini (MCDB)	S. Lawrence Zipursky

Cell & Developmental Biology

John Adams (MCDB)	Sherin Devaskar	Timothy Lane
Amjad Askary (MCDB)	D’Juan Farmer (MCDB)	Shuo Lin (MCDB)
Utpal Banerjee (MCDB)	Alison Frand	Jeff Long (MCDB)
Linda Baum	Bob Goldberg (MCDB)	William Lowry (MCDB)
Steven Bensinger	Andrew Goldstein (MCDB)	Karen Lyons (MCDB)
Arnold Berk	Brigitte Gomperts	Julian Martinez-Agosto
Peter Bradley	Thomas Graeber	M. Carrie Miceli
Siobhan Braybrook (MCDB)	Ming Guo	Hanna Mikkola (MCDB)
Jau-Nian Chen (MCDB)	Volker Hartenstein (MCDB)	Austin Nakano (MCDB)
John Chute	Kent Hill	Stanley Nelson
Heather Christofk	Alexander Hoffmann	Bennett Novitch
Amander Clark (MCDB)	Jimmy Hu	Tim O’Sullivan
Daniel Cohn (MCDB)	Steve Jacobsen (MCDB)	Matteo Pellegrini (MCDB)
John Colicelli	Tracy Johnson (MCDB)	Patricia Phelps
Hilary Coller (MCDB)	Leanne Jones (MCDB)	Kathrin Plath
Gay Crooks	Carla Koehler	April Pyle
Lydia Daboussi	Harley Kornblum	Tom Rando (MCDB)
David Dawson	Deborah Krakow	Karen Reue
Edward De Robertis	David Krantz	Amy Rowat
Arjun Deb (MCDB)	Siavash Kurdistani	Alvaro Sagasti (MCDB)

Cell & Developmental Biology, continued

Karen Sears (MCDB)
Pavak Shah (MCDB)
Melissa Spencer
Fuyuhiko Tamanoi
Michael Teitell
Jorge Torres

Christel Uittenbogaart
Alexander van der Blik
Thomas M. Vondriska
David Walker
David Williams
James Wohlschlegel

Xian-Jie Yang
Jerome Zack
Jesse Zamudio (MCDB)
S. Lawrence Zipursky

Gene Regulation, Epigenomics & Transcriptomics

John Adams (MCDB)
Valerie Arboleda
Amjad Askary
Arnold Berk
Douglas Black
Mehdi Bouhaddou
Michael Carey
Guillaume Chanfreau
Genhong Cheng
Hilary Collier (MCDB)
Lydia Daboussi
Oliver Fregoso
Bob Goldberg (MCDB)

Feng Guo
Oliver Hankinson
Alexander Hoffmann
Steve Jacobsen (MCDB)
Reid Johnson
Tracy Johnson (MCDB)
Siavash Kurdistani
Shuo Lin (MCDB)
Jeff Long (MCDB)
William Lowry (MCDB)
Hanna Mikkola (MCDB)
Jeff F. Miller
Bennett Novitch

Matteo Pellegrini
Kathrin Plath
Dinesh Rao
Ke Shuai
Stephen Smale
Elizabeth Tarling
Peter Tontonoz
Thomas Vallim
Thomas M. Vondriska
Joanne Weidhaas
James Wohlschlegel
Xia Yang

Genetics & Genomics

Valerie Arboleda
Utpal Banerjee (MCDB)
Mehdi Bouhaddou
Amander Clark (MCDB)
Daniel Cohn (MCDB)
Estephan Dell'Angelica
David Eisenberg
Brent Fogel
Alison Frand
Daniel Geschwind
Bob Goldberg (MCDB)
Wayne Grody
Robert Gunsalus

Ann Hirsch (MCDB)
Alexander Hoffmann
Steve Jacobsen (MCDB)
Tracy Johnson (MCDB)
Donald Kohn
Deborah Krakow
David Krantz
Leonid Kruglyak
Caroline Kuo
Shuo Lin (MCDB)
Jeff Long (MCDB)
Aldons Jake Lusic
Karen Lyons (MCDB)

Julian Martinez-Agosto
Stanley Nelson
Bennett Novitch
Paivi Pajukanta
Bogdan Pasaniuc
Matteo Pellegrini (MCDB)
Karen Reue
Jessica Rexach
Thomas M. Vondriska
David Walker
Xia Yang

Immunity, Microbes & Molecular Pathogenesis

Linda Baum
Steven Bensinger
Arnold Berk
Mehdi Bouhaddou
Peter Bradley
Manish Butte
David Campbell

Irvin Chen
Genhong Cheng
Samson Chow
Gay Crooks
Lydia Daboussi
David Dawson
Timothy Donahue

James Economou
Lawrence Feldman
Oliver Fregoso
Samuel French
Robert Gunsalus
Elissa Hallem
Kent Hill

Immunity, Microbes & Molecular Pathogenesis, continued

Ann Hirsch (MCDB)	M. Carrie Miceli	Stephen Smale
Alexander Hoffmann	Jeff F. Miller	Ren Sun
Elaine Hsiao	Robert Modlin	Elizabeth Tarling
Patricia Johnson	Sherie Morrison	Michael Teitell
Reid Johnson	Tim O'Sullivan	Christel Uittenbogaart
Daniel Kaufman	Manuel Penichet	Thomas Vallim
Donald Kohn	Robert Prins	Owen Witte
Caroline Kuo	Caius Radu	Ting-Ting Wu
Beth Lazazzera	Elaine Reed	Lili Yang
Melody Hing Li	Philip Scumpia	Otto Orlean Yang
Otoniel Martinez-Maza	Wen-Yuan Shi	Jerome Zack
Megan McEvoy	Ke Shuai	Z. Hong Zhou

Molecular, Cellular & Integrative Physiology

Jeffrey Abramson	David Glanzman	Elaine Reed
John Adams (MCDB)	Thomas Graeber	Karen Reue
Olujimi Ajijola	Ming Guo	Amy Rowat
Mehdi Bouhaddou	Andrea Hevener	Barney Schlinger
James Bowie	Elaine Hsiao	Melissa Spencer
S. Thomas Carmichael Jr.	Jing Huang	Pavak Shah (MCDB)
John Chute	Jonathan Jacobs	Elizabeth Tarling
Christopher Colwell	H. Ronald Kaback	Tara TeSlaa
Rachelle Crosbie-Watson	Aldons Jake Lusis	Peter Tontonoz
Arjun Deb (MCDB)	Karen Lyons (MCDB)	Thomas Vallim
Eric Deeds	Steven Mittelman	Rhonda Voskuhl
Linda Demer	Austin Nakano (MCDB)	David Walker
Ajit Divakaruni	Ketema Paul	Stephanie White
Jeff Donlea	Patricia Phelps	Lily Wu
Kenneth Dorshkind	Gina Poe	Xia Yang
David Eisenberg	April Pyle	Stephen Young
Alison Frand	Pearl Quijada	
Tomas Ganz	Dinesh Rao	

Molecular Pharmacology

Utpal Banerjee (MCDB)	Ajit Divakaruni	Aldons Jake Lusis
Steven Bensinger	James Economou	David Nathanson
Gal Bitan	David Eisenberg	Robert Prins
Genhong Cheng	Samuel French	Caius Radu
Samson Chow	Tomas Ganz	Dinesh Rao
Heather Christofk	Thomas Graeber	Antoni Ribas
John Chute	Oliver Hankinson	Ren Sun
Hilary Coller (MCDB)	Alexander Hoffmann	Michael Teitell
Gay Crooks	Jing Huang	Tara TeSlaa
David Dawson	Daniel Kaufman	Peter Tontonoz
Arjun Deb (MCDB)	Donald Kohn	Erina Vlashi
Timothy Donahue	Harley Kornblum	Owen Witte

Molecular Pharmacology, continued

Ting-Ting Wu
Lili Yang

Otto Orlean Yang
Jerome Zack

Neuroscience

Amjad Askary (MCDB)
Gal Bitan
Douglas Black
Samantha Butler
S. Thomas Carmichael Jr.
Christopher Colwell
Lydia Daboussi
Luis De La Torre-Ubieta
Jeff Donlea
Christopher Evans
Brent Fogel
Daniel Geschwind
David Glanzman

Ming Guo
Zhefeng Guo
Elissa Hallem
Volker Hartenstein (MCDB)
Eliane Hsiao
Daniel Kaufman
Harley Kornblum
David Krantz
Nigel Maidment
David Nathanson
Bennett Novitch
Patricia Phelps
Natik Piri

Gina Poe
Carlos Portera-Cailliau
Alvaro Sagasti (MCDB)
Ranmal Samarasinghe
Barney Schlinger
Pavak Shah (MCDB)
Alcino Silva
Catia Sternini
Rhonda Voskuhl
Stephanie White
David Williams
Xian-Jie Yang
S. Lawrence Zipursk

Systems Biology

Amjad Askary (MCDB)
Keriann Backus
Mehdi Bouhaddou
Hilary Collier (MCDB)
Eric Deeds

Thomas Graeber
Alexander Hoffmann
Leonid Kruglyak
Aldons Jake Lusis
Matteo Pellegrini (MCDB)

Kathrin Plath
Amy Rowat
Pavak Shah (MCDB)
Xia Yang

Faculty Associated With...

Biochemistry, Molecular and Structural Biology

Catherine Clarke
Steven Clarke
James Gober

Chemistry & Biochemistry

Matthew Nava

Molecular Biology Institute

Patrick Allard (Molecular Cell Biology)
Joseph Crompton (Mol Pathogenesis & Immunity)
David Jacobs (Molecular Genetics)
Claudio Villanueva (Molecular Cell Biology)

MCDB

Daria Siekhaus (MCDB)

MIMG

Anthony J. Covarrubias
David A. Haake
Jeffrey H. Miller
Tim O'Sullivan

Ophthalmology

Sophie X. Deng
Natik Piri
Xian-Jie Yang
Jie Zheng

Plant Biology/Plant Model Systems

Jeff Long (MCDB)
Siobhan Braybrook (MCDB)
Bob Goldberg (MCDB)
Ann Hirsch (MCDB)
Steve Jacobsen (MCDB)
Rachel Shahan (MCDB)
Jaimie Van Norman (MCDB)

School of Medicine

Fayal Abderemane-Ali (Physiology)
Lin Chang (Digestive Diseases)
Arnold Chin (Urology)
Marco Giovannini (Head & Neck Surgery)
Andreas Schwingshackl (Pediatrics)
Elizabeth Videlock (Digestive Diseases)

Jonsson Comprehensive Cancer Center

JCCC Signal Transduction and Therapeutics

Stephanie Correa
Asim Dasgupta
Gottfried Konecny
Erika von Euw
John K. Lee
Dennis Slamon
Alice Soragni
Jie Zheng

JCCC Cancer and Stem Cell Biology

Joseph Crompton
Sophie Deng
Isla Garraway
Enrique Rozengurt
Eri Srivatsan

JCCC Tumor Immunology & Immunotherapy

Scott Kitchen
John K. Lee
Song Li

The Graduate Programs in Biosciences (GPB) has 12 Home Areas. Approved faculty mentors are listed under their Home Area (pages 1-4). Please be aware that many faculty members are listed in multiple Home Areas. The list is organized by Home Area to help students search for a faculty mentor conducting research in an area which interests them. Summaries of each of these Home Areas are available on the GPB website:

<https://bioscience.ucla.edu/home-areas/>.

To read more about an individual faculty member on this list, go to the GPB home page:

<https://bioscience.ucla.edu/>. Click the "Faculty" link on the top menu. You can search any faculty member who is a member of GPB to read about their research interests and access links to their published papers. You can also Google their name along with "UCLA". Most of the faculty members on this list will appear on different websites related to their faculty appointments at UCLA and many of them have their own laboratory websites with extensive information.

Faculty members on page 4 and 5 of the list are not necessarily part of GPB. We are listing them under a category associated with their department, research center, or even model organism. The easiest way to find information about these faculty mentors is to Google their name along with "UCLA" (e.g., John Smith UCLA).

You can find detailed information regarding eligibility and how to apply for enrollment in MCDB research courses (MCDB 196A-B, 198A-C; MCDB 199A-C; MCDB 199) by going to the MCDB Undergraduate website:

<https://www.mcdb.ucla.edu/undergraduate/undergraduate-research>.

If you have additional questions or want to review your research course plan, contact an MCDB Undergraduate Advisor at undergradmcdb@lifesci.ucla.edu.