

**Department of Integrative Biology and
Physiology
&
Interdepartmental Ph.D. program in
Molecular, Cellular & Integrative
Physiology
2022 Commencement Program**

Introduction of Faculty and Opening Remarks	Professor Rachelle H. Crosbie
Presentation of Outstanding Senior Award	Professor Patricia E. Phelps
Address by Outstanding Senior	Damola Adeyemo
Introduction of Molecular, Cellular, & Integrative Physiology Ph.D. Degree Candidates	Professor Mark Frye
Hooding of Ph.D. Degree Candidates	By advisor
Introduction of Physiological Science M.S. Degree Candidates and Presentation of Distinguished TA Teaching Award	Professor Amy Rowat
Hooding of M.S. Degree Candidates	By advisor
Presentation of Research Poster Day Awards	Professor Patricia E. Phelps
Introduction of Physiological Science B.S. Degree Candidates	Professor Mark Frye
Closing Remarks	Professor Rachelle H. Crosbie

**Doctor of Philosophy
Molecular, Cellular & Integrative Physiology**

Spring 2021 Graduate

Peter Hanna, MD, PhD

“Intrinsic Cardiac Neural Control of the Mammalian Sinoatrial Node”

Mentor: Professor Kalyanam Shivkumar

Spring 2022 Degree Candidates

Montgomery Blencowe

“Uncovering the Molecular Networks of Metabolic Disease Using Systems Biology”

Mentor: Professor Xia Yang

Erika Marie Ellis, MD

“Investigating Early Retinal Remodeling and Secondary Cone Degeneration in Retinitis Pigmentosa”

Mentor: Professor Alapakkam Sampath

Khris Griffis

“Mechanisms of detection threshold and adaptation in the rod visual pathway”

Mentor: Professor Alapakkam Sampath

Joseph Elias Hadaya, MD

“Autonomic Dysfunction Following Myocardial Infarction: Mechanisms and Therapies”

Mentor: Professor Kalyanam Shivkumar

Jonathan Hoang

“Mechanisms of Parasympathetic Dysfunction Following Myocardial Infarction”

Mentor: Professor Marmar Vaseghi

Huei-Bin Wang

“Study the underlying mechanisms of environmental circadian disruptions interacting with autistic behavior”

Mentor: Professor Christopher Colwell

Doctor of Philosophy
Molecular, Cellular & Integrative Physiology
(continued)

Summer 2022 Degree Candidates

Lara Bideyan

“Characterization of New Transcriptional Pathways in Liver Lipid Metabolism”

Mentor: Professor Peter Tontonoz

Kholoud K. Saleh

“Duchenne Muscular Dystrophy Disease Severity Impacts the Systemic Delivery of Skeletal Muscle Progenitor Cells to Skeletal Muscles”

Mentor: Professor April Pyle

Doctor of Philosophy
Immunity, Microbes & Molecular Pathogenesis

Summer 2022 Degree Candidate

Geoffrey Nathan Pronovost

“The maternal microbiome promotes placental development in mice”

Mentor: Professor Elaine Hsiao

Doctor of Philosophy

Molecular, Cellular & Integrative Physiology

Honors & Awards

Doctoral Degree Candidates

Lara Bideyan:

Dissertation Year Fellowship, UCLA 2021 – 2022

Mangasar M. Mangasarian Scholarship, UCLA 2019-2020, 2020-2021

UCLA Affiliates Award, 2018-2019, 2019-2020

Graduate Dean's Scholar Award, UCLA 2016-2018

Montgomery Blencowe:

American Heart Association Pre-doctoral Fellowship

Integrative Biology & Physiology Edith Hyde Fellowship

Erika Marie Ellis, MD:

EyeSTAR Program - Specialty Training and Advanced Research in Ophthalmology and Visual Science

Joseph Elias Hadaya, MD:

2019- Specialty Training and Advanced Research Program, David Geffen School of Medicine at UCLA

2019- Outstanding Medical Student Teaching Award, Department of Surgery, David Geffen School of Medicine at UCLA

2021- American Heart Association Postdoctoral Fellowship

2021- NIH Ruth L. Kirschstein National Research Service Award

2022- Cardiovascular Section Research Recognition Award, American Physiological Society

2022- Postdoctoral Translational Research Award, American Physiological Society

2022- Young Investigator Award Finalist, Experimental Biology 2022

2022- Emerging Scientist Award, NIH Office of the Director SPARC Program

Peter Hanna, MD, PhD:

Excellence in Electrocardiographic Interpretation, UCLA, 06/2018

For excellence in electrocardiographic interpretation on cumulative electrocardiogram exam administered to the UCLA Cardiology fellowship.

NIH Loan Repayment Program Award, NIH, 07/2018

For commitment to clinical research

Outstanding Research Award, University of California Los Angeles, 12/2018

For outstanding research in the UCLA Cardiology Fellowship Training Program

Graduate Students Runner-up Poster Prize, Gordon Research Conference, 04/2019

Graduate Students Runner-up Poster Prize in Gordon Research Conference on Cardiac Arrhythmia Mechanisms.

2019 - 2020 Chief Fellow, UCLA General Cardiology Fellowship

UCLA Department of Medicine Research Day Poster Award - Second Place, UCLA, 10/2019

Second place in basic science category in the UCLA Department of Medicine Research Day Poster Competition.

Outstanding Research Award, University of California Los Angeles, 12/2019

For outstanding research in the UCLA Cardiology Fellowship Training Program

Fellow's Case Competition, 16th International Dead Sea Symposium, 02/2020

Case involving some aspect of innovation in cardiac arrhythmias and/or device therapy selected for presentation to a panel of experts at the conference.

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral F32 Fellowship, NIH, 07/2020

2020 - 2021 Chief Fellow, UCLA Specialty Training and Advanced Research (STAR) Program

Jonathan Hoang:

Young Investigator Award Finalist at Heart Rhythm Society

Kholoud K. Saleh:

Qatar Research Leadership Program fellowship funded by Qatar National Research Fund- founded in the State of Qatar

Huei-Bin Wang:

2021 Government scholarships for study abroad, Taiwan Ministry of Education

2019 Graduate Travel Award, UCLA Brain Research Institute

2018 Excellence Award, Society of Research in Biological Rhythm

Doctor of Philosophy

Immunity, Microbes & Molecular Pathogenesis

Honors & Awards

Doctoral Degree Candidate

Geoffrey Nathan Pronovost:

Fellowships

Dissertation Year Fellowship, UCLA (2020)

F31 grant - Ruth L. Kirschstein National Research Service Award, NIH (2019)

Edith Hyde fellowship, UCLA (2019)

T31 grant - Ruth L. Kirschstein National Research Service Award, NIH (2017)

Honors and Awards

Diversity, Equity & Inclusion award, UCLA MBIDP (2021)

Excellence in Teaching and Mentoring Award, UCLA MBIDP (2020)

First place poster prize, UCLA Bioscience Innovation Day (2019)

Keystone Symposia Future of Science Fund Scholarship (2019)

SACNAS Member of the quarter award (2017)

Leadership Positions

Committee member, Driving Real Change in the Learning Environment Task Force, GPB/DGSOM (2020-2021)

Board member, Graduate Programs in Biosciences Student Advisory Committee (2019-2020)

Co-chair, Immunology, Inflammation, Infection, and Transplantation Research in Progress Seminar Series ((2019-2020)

Chair, MBIDP Annual Scientific Retreat, UCLA (2017-2020)

Co-organizer, MBIDP Weekly Student Seminar Series (2017-2020)

Graduate student representative, Biological Sciences Council (2016-2019)

**Master of Science
Physiological Science**

Spring 2020 Graduates

Jessica Aliyah Ding

“Systems Genomics to Dissect the Metabolic Components of Alzheimer's Disease”

Mentor: Professor Xia Yang

Yuqi Ma

“Dopaminergic Neuromodulation in Short-Term Sensitization by an Aversive Chemical Stimulus in Larval Zebrafish (*Danio rerio*)”

Mentor: Professor David L. Glanzman

Spring 2022 Degree Candidates

Jenny Cheng

“Multiomics Networks of Cardiovascular Diseases”

Mentor: Professor Xia Yang

Jade Michelle Fachin

“The Effects of a Myocardial Hydrogel on Duchenne Muscular Dystrophy-Associated Cardiomyopathy”

Mentor: Professor Rachelle H. Crosbie

Tara Rebecca Mohanroy

“Understanding Brain Sexual Dimorphisms and Reproductive Physiology in the Four Core Genotypes Rat Model”

Mentor: Professor Arthur P. Arnold

Damion LaMar Trotter Jr.

“Identifying the Genetic Link Between Recovery x Baseline x Strains in a Mouse Model using an In Silico Approach”

Mentor: Professor Ketema Paul

Alexis Tucker

“Molecular Mechanisms of Bmal1 in Sleep”

Mentor: Professor Ketema Paul

**Master of Science
Physiological Science**
(continued)

Summer 2022 Degree Candidates

Marcus Andrew Avila

“The Effects of Satellite Cell-Specific Jmjd3 Mutation on Muscle Regeneration”

Mentor: Professor James Tidball

Hannah Ting Espey

“Dissecting Effects of Prodromal Intestinal Inflammation on the Neurodegeneration and Neuroinflammation in a Parkinson’s Disease Model”

Mentor: Professor Elaine Hsiao

Christine Michelle Mavilian

“Reelin and Gastrin Releasing Peptide Modulate Itch in the Superficial Dorsal Horn of the Spinal Cord”

Mentor: Professor Patricia E. Phelps

Hemal Semwal

“Inactivation of Hippocampus During Memory Consolidation after Infusion of Norepinephrine During Sleep”

Mentor: Professor Gina Poe

Kevin Shih

“Characterization of Cardiac Pericyte Proliferation and Function Following a Myocardial Infarction”

Mentor: Professor Pearl Quijada

Samantha Zimmer

“Loss of Disabled-1 Reduces Adult Neurogenesis in the Olfactory Epithelium”

Mentor: Professor Patricia E. Phelps

Master of Science
Physiological Science
(continued)

Fall 2022 Degree Candidates

Shomik Shivram Ati

“Sex Differences in the Neuronal Output of Feeding Behavior”

Mentor: Professor Stephanie M. Correa

Ingrid Carolina Cely

“Glo1 Deficiency in Mice Results in Age- and Sex-Dependent Metabolic Dysfunction”

Mentor: Professor Xia Yang

Brayden K. Leyva

“Investigating Fat10’s Role Linking Genetic Variation to Weight Loss After Exercise”

Mentor: Professor Andrea Hevener

Alexander R. Strumwasser

“Investigating the Role of Mitochondrial Function in the Regulation of
Cardiomyocellular Remodeling”

Mentor: Professor Andrea Hevener

Bachelor of Science Physiological Science

Aline Abou Karroum

Minor - Global Health
College Honors

Adedamola Obiageli Adeyemo

Minor - Public Health
College Honors
Latin Honors - Summa Cum
Laude
2022 Outstanding Senior Award

Manushak Mary Agazaryan

Ashley A Agubata

Juliet Mcnamara Alexander

Latin Honors - Cum Laude
Minor - Society and Genetics
Latin Honors - Summa Cum
Laude

Juliet Marie Alfaro

Rachel Anne Almero

Juan Jorge Alvarado

Athena Eleni Amarantos

Swetha Ampabathina

Brianna Emilia Andersen

Minor - Pilipino Studies

Aaron Alan Ang

Minor - Biomedical Research
Latin Honors - Summa Cum
Laude
College Honors
Latin Honors - Cum Laude

Daniel Moises Aragon Perez

Milena Cristal Aragon

Zahra Asadollahi

Sherwin Atighetchi

Minor - Food Studies
Latin Honors - Summa Cum
Laude

Sydney Rachel Aurelio

Cosette Chen Backus

Mary Banh

Alejandra Gabriela Baron

Minor – Spanish

College Honors
Latin Honors - Cum Laude
Departmental Honors

Brian Chhoy
Marisa Ayako Chu
Matthew A Cilano

Latin Honors - Cum Laude
Minor - Science Education
Latin Honors - Magna Cum
Laude

Kylie Ashlyn Clapsaddle
Michael Tyler Collins

Latin Honors - Magna Cum
Laude

Angela Cong

Latin Honors - Magna Cum
Laude

Evan Joseph Cosentino
Hannah Mariko Daijo
Rohun Jalen Kantharia Dalal
Nolan Hoang Dang
Ryan Joseph Danis
Armando Davalos, Jr

Latin Honors - Cum Laude
Latin Honors - Cum Laude
Minor - Study of Religion

Maya June Davies
Allene Therese Oliver De Castro
Summer Ashlyn De Vera
Hanan Rebuma Dirirsa
Kacee Doan
Cole Walker Doolittle
Samantha Robynne Dorfan
Mary Frances Dover

Latin Honors - Magna Cum
Laude

Joei M Drozjock
Haoye Du
David Echeverri
Jessica Lizeth Esparza Del Toro
Aya Faissal
Toohid Fattahi
Debora Fernandez Clemente
Jessie Joseph Fernandez
Emily Figueroa
Cassandra Marie Franco-Barragan

Minor - Biomedical Research
Latin Honors - Cum Laude

Daniel Michael Frees
Francesca Isabella Galasso

Minor - European Languages
and Transcultural Studies with
Italian

Elizabeth Grace Mcinnes Gallmeister

Latin Honors – Cum Laude

Caleb Michael Garcia	
Christen Miranda Gerhart	
Maria E Ghatas	
Jaclyn Talia Gilday	
Cameron Elias Gill	
Vikramjeet Singh Gill	
Tashenique Yasmine Gillard	Minors - Global Health and African Americal Studies
Casey Anthony Gilles	College Honors Latin Honors - Cum Laude Duval Research Scholarship
Kyle Laurence Golden	
Emilio Alejandro Gomez	
Lilianna Soledad Barron Gomez	Minor - Community Engagement and Social Change
Sheila Gonzalez Ramos	
Aylin Xitlalli Gonzalez	
Ruby Gordillo	
Jake Hodges Gordon	Latin Honors - Summa Cum Laude
Shivangi Goswami	Latin Honors - Summa Cum Laude
Alyssa Vanessa Goytia	
Andrew Allen Grunklee	
Aditya Ayyagari Guru	
Yesica Guzman Rodriguez	
Ashli-Ann Cailyn Ha	
Christopher James Haggard, Jr	
Yoonjong Han	
John Robert Harvey	Latin Honors - SummaCum Laude
Esha Sachin Harwalkar	
Isabella J Hays-Velasco	Minor - Biomedical Research College Honors Latin Honors - Summa Cum Laude
Jiaxin Jessica He	Minor - Global Health Latin Honors - Magna Cum Laude
Daniela Elizabeth Hernandez	Minor - Spanish
Karolina Herrera	

Samantha Rose Herrera
Jaylah Rachelle Herron
Timothy Ho

Latin Honors - Magna Cum
Laude

Marissa Tia Huang

Latin Honors - Summa Cum
Laude

Stella Huang

Latin Honors - Summa Cum
Laude

Madison Adine Hurst
Fennie Truc Thanh Huynh
Jiyoon Hwang
Sion Hwang
Garrett Patrick Imbach

Latin Honors - Magna Cum
Laude

Mark Chie Jackson
Abraham Ganguk Jeong
Lena C Johnson
Shashwat Khemka
Cameron Seng Khuong
Ariel Eun Ju Kim
Ashley Daun Kim
Connie S Kim
Janeane Mariah Kim
Kyle Daeyong Kim
Brielle Alison Kinhead

Minor - Entrepreneurship

Minor - Asian American Studies

Megan Auguste Kirschner

Latin Honors - Cum Laude
Minor - Global Health
Latin Honors - Magna Cum
Laude
Minor - Lesbian, Gay, Bisexual,
Transgender, and Queer Studies

Leda Anne Nonet Knowles

Latin Honors - Summa Cum
Laude

Kamal Sri Surya Kolluri

Latin Honors - Summa Cum
Laude

Madeline Anne Koontz
Henry Leonardi Krasner

Latin Honors - Summa Cum
Laude

Maia Janine Kropp

Latin Honors - Magna Cum
Laude

Richard Ku
Nicholas James Kull

Minor - Spanish

Pranit Kumaran
Samantha Megan Kwock

Minor - Asian American Studies
Latin Honors - Summa Cum
Laude

Andrew Lam
Jakeline Larios

Latin Honors - Cum Laude
Latin Honors - Cum Laude
Minor – Chicana and
Chicano Studies

Rene Larios
Avielle Hope Larson
Gabrielle Anya Lau
Julianne Alysse Lea
Carolina Lechuga
Minsub Lee
Nicole Dain Lee

Latin Honors - Cum Laude

Pheng Lee
Amy Corinne Lefley

Latin Honors - Summa Cum
Laude

College Honors
Latin Honors - Summa Cum
Laude

Catherine Li

Minor - Asian Languages
Latin Honors - Cum Laude

Julissa Ja-Yee Li
Holly Nicole Locklin
Daisy Valentine Lookinland
Lizzet Lopez

Minor - Public Health
Latin Honors - Cum Laude
Latin Honors - Cum Laude

Jasmine Louie
Vicky Lu
Joyce Lui

Minor - Biomedical Research
Latin Honors - Summa Cum
Laude

Kaila Tayabas Lumada
Albert Thomas Luu
Amy Luu
Britney Tran Ly
Michelle Ma

Minor - Global Health

Latin Honors - Cum Laude
Double Major – Neuroscience
Latin Honors - Summa Cum
Laude

Marta De Assis Magalhaes Paiva De Sousa
Anisha E Mahenthiran
Jovana Fuda Mahho

Braxton Marwan Maida
Samantha Alison Man
Bethelhem A Manakelew
Theresa M Marin-Ramirez

Daphne Marina

Minor - Food Studies
College Honors
Latin Honors - Cum Laude

Lucas Marques
Aleeque Lori Marselian
Abriana Guadalupe Martinez

Minor - English
Latin Honors - Cum Laude

Stephanie Martinez
Kailyn Rayann May
Donya Verahram Mazdeyasnan
Brittney Paige Mccown
Hannah Louise Mcelroy
Christopher Lee Mederos
Dina Melkonian
Ana Laura Mendez Garcia
Jaira Mary Joyce Garcia Mendoza
Hongru Meng

Latin Honors - Cum Laude
Latin Honors - Magna Cum
Laude
Latin Honors - Summa Cum
Laude

Andrey Ismael Michel

Payton Lee Moody

Minor - Food Studies
Latin Honors - Summa Cum
Laude

Ashley Anne Morris
Sophia George Mourad
Parth Mahesh Mungra

Latin Honors - Summa Cum
Laude

Lesley Jasmine Munoz Velazquez
Samantha Guadalupe Munoz
Nanami Murata

Minor - Disability Studies
Latin Honors - Cum Laude

Hannah Blaze Murrell
Madeline Rose Musselman
Peter Naaman

Carlos Nando Lopez	Minor - Chicana and Chicano Studies
Jesus Ivan Naranjo Jennifer Navarrete	Minor - Community Engagement and Social Change
Adriana Selena Navarro Rodriguez Amelia Margarita Navarro Taline Nazarian	Minor - Musicology Latin Honors - Magna Cum Laude
Alexandra Rae Nevins Rita Ugomma Ngaka Judy Ngo Tommy Nguyen Tyra Thy Hoang Nguyen Lorraine May Nicholson Armita Nikbin	College Honors Latin Honors - Cum Laude
Arta Nikbin Ethan Tadao Nishikawa Alliya Jin-Hee Nomura	Minor - Asian Humanities Latin Honors - Cum Laude
Catherine Faye Nordstrom Lizette Noriega	Minor - Chicana and Chicano Studies
Kevin Anthony O'Donnell Jazzmhine Nicholle Oconer Grace Eunhye Oh Eruchi Britney Okpara Gwynneth Arnau Orlino Alexandra Marie Ortega	Departmental Honors Latin Honors - Cum Laude Latin Honors - Summa Cum Laude
Yea-Lyn Pak	Latin Honors - Summa Cum Laude
Tierra Chiyaka Parker Abhishek Parthiban April Karina Pazos	Minor - Asian Languages Double Major - Chicana and Chicano Studies
Isabelle Rose Pellot Denali S Perera	

Diana Noemy Perez
Henry Phan
Rebecca Nicole Phelan

College Honors
Latin Honors - Magna Cum
Laude
Departmental Honors

Alejandro Jose Quezada
Tyler James Ray
Catherine Hastings Remphrey

Minor - History
Latin Honors - Magna Cum
Laude

Vanessa Raquel Reyes
Cynthia N Rivas
Daniel Rivas
Cynthia Stephanie Rodas
Danna Valentina Rodriguez Vargas
Iman Michelle Rodriguez-Verdel
Seneca Simone Rubianes
Andreas Christian Runde
Mika Ella Rusu
Laura Fernanda Sainz Merin
Chandni Sakthi

Minor - Spanish

Minor - Global Health

Minor - Community Engagement
and Social Change
College Honors

Jenna Christine Salas
Leia Noelle Salongo
Joshua Maurice Samaniego
David Samvelian
Raphael Yulo San Andres
Kimberly Sanchez
Megan Linda Sardina

Latin Honors - Cum Laude

Kashvi Sarup
Emma Joy Schaetz
Nadja Schleicher

Latin Honors - Summa Cum
Laude

Minor - Entrepreneurship

Latin Honors - Summa Cum
Laude

Helen Ruth Schmidtke
Rayne Elizabeth Shepard
Fionna Ya Shue

Minor - Global Health
Latin Honors - Summa Cum
Laude

Breahna Jalai Singer Studies	Minor - African American
David Jerome Singleton, Iii Delaney Marie Smith Parker Allen Smith Bryan Gonzalo Solano	Minor - Public Health College Honors Latin Honors - Cum Laude
Yvette Stoffels Liza Anne Strong Fiona Gregorio Suba Sienna Jean Sutton	Minor - Pilipino Studies Minor - Spanish Latin Honors - Magna Cum Laude
Kate Elise Swertfager Alexa Lori Tabakian Laurence Andrew Arguelles Tacderas	Latin Honors - Cum Laude Latin Honors - Magna Cum Laude
Kritika Tak Sydney Midori Takeda Sarah Wang Tang Tanny Tani Jenjira Thein Phyo Phyo Thu Sydney To	Minor - Anthropology Minor - Asian American Studies Latin Honors - Cum Laude Latin Honors - Cum Laude Minor - Education Studies Latin Honors - Magna Cum Laude
Thaotam To Micah Christopher Tomm Jose Maria Torres Garcia Matthew Duy Tran	Latin Honors - Summa Cum Laude
Elizabeth Sirina Trueman	
Jessica Dionne Tsui	Minor - Cognitive Science Latin Honors - Summa Cum Laude
Sai Venya Vaddi	Minor - Global Health Latin Honors - Summa Cum Laude

Maria Concepcion Vasquez Hernandez

Minors - Global Health and
Chicana and Chicano Studies

Andrea Nicole Vasquez

Gilda Aylin Vazquez

Isa Francis Videler

Michael King Viggiano

Sonali Vij

Minor - Society and Genetics
Latin Honors - Summa Cum
Laude

Francisco Eladio Villalobos

Minor - Chicano and Chicana
Studies

Noe Saul Villavicencio-Ramirez

Minor - Global Health

Latin Honors - Cum Laude

Manu Vohra

Minor - Global Health

Latin Honors - Summa Cum
Laude

Victoria He Wan

Bining Wang

Netpheel Wang

Latin Honors - Magna Cum
Laude

Jacob Tyler Wechsler

Lisa Lava Werner

Alyssa Nicole Wilson

Sam Philip Wimmer

Minors - Geography and
Environmental Studies
Latin Honors - Summa Cum
Laude

Sharon Sui Ching Wong

Kobe Taylor Wright

Cinddy Wu Deng

Edward Xing Xie

College Honors
Latin Honors - Magna Cum
Laude

Karina Jiayu Xu

Hannah Morgan Yates

Latin Honors - Magna Cum
Laude

Joseph Seungil Yim

Kun Seo Yook

Melody John Zaki

Minors - Biomedical Research
and Labor Studies
College Honors

Latin Honors - Summa Cum
Laude

Jinqing Zhang
Kevin Thomas Zhao
Greta B Zolynas