

**The Department of Integrative Biology and Physiology  
&  
Interdepartmental Ph.D. program in  
Molecular, Cellular & Integrative Physiology  
2024 Commencement Program**

Introduction of Faculty & Opening Remarks	Professor Rachelle H. Crosbie
Presentation of Outstanding Senior Award	Professor Patricia E. Phelps
Address by Outstanding Senior	Immi Lee, PhySci Undergraduate
Introduction of Molecular, Cellular & Integrative Physiology Ph.D. Degree Candidates	Professor Mark Frye
Hooding of Ph.D. Degree Candidates	By Faculty Advisor
Introduction of Physiological Science M.S. Degree Candidates	Professor Amy Rowat
Hooding of M.S. Degree Candidates	By Faculty Advisor
Presentation of Distinguished Teaching Assistant Award	Professor Amy Rowat
Presentation of Undergraduate Research Poster Day Awards	Professor Patricia E. Phelps
Introduction of Physiological Science B.S. Degree Candidates	Professor Stephanie Correa
Closing Remarks	Professor Rachelle H. Crosbie

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

*Fall 2023 Degree Candidates*

**Stephanie Kawecki**

**Bioengineering Ph.D. Program**

**UCLA Samueli School of Engineering and Applied Science**

“From cell to table: Engineering multicomponent tissue by spontaneous adhesion of myogenic and adipogenic microtissues cultured with customized scaffolds for cultured meat applications”

**Mentor: Professor Amy Rowat**

**Jessica Yano**

“Elevated Sleep in a Stress-Resilient Drosophila Species”

**Mentor: Professor Jeffrey Donlea**

*Spring 2024 Degree Candidates*

**Mirian Krystel De Siqueira**

“Adipose Tissue and Translation Machinery in Metabolic Regulation”

**Mentor: Professor Claudio Villanueva**

**Benita Jin**

“A developmental brain-wide screen identifies retrosplenial cortex as a key player in the emergence of persistent memory”

**Mentor: Professor Laura DeNardo**

**Martha Rimniceanu**

“Multisensory functional and comparative analysis of object pursuit in flying fruit flies”

**Mentor: Professor Mark Frye**

**Kristie Yu**

**Molecular Biology Interdepartmental Ph.D. Program**

**Immunity, Microbes, and Molecular Pathogenesis**

“Effects of gut bacterial metabolism of diet on host health and behavior”

**Mentor: Professor Elaine Hsiao**

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

*Summer 2024 Degree Candidates*

**Abigail Aleman**

“Characterizing a sleep homeostat in *Drosophila*”

**Mentor: Professor Jeffrey Donlea**

**Chieh Chen**

“The Molecular Mechanisms of Alpha-Ketobutyrate in Promoting Health and Longevity”

**Mentor: Professor Jing Huang**

**Elena Coley-O'Rourke**

**Neuroscience Interdepartmental Ph.D. Program**

“The microbiome responds to environmental perturbations during critical periods to shape neurodevelopmental outcomes”

**Mentor: Professor Elaine Hsiao**

**Devin Eric Gibbs**

**Molecular Biology Interdepartmental Ph.D. Program**

**Cell and Developmental Biology**

“Analyzing the Quantitative Matrisome of Human Skeletal Muscle Development and how the Extracellular Matrix impacts human Satellite Cell Development”

**Mentors: Professors Rachelle Crosbie and April Pyle**

**Master of Science  
Physiological Science**

*Winter 2024 Graduates*

**Norayr Levon Arabatlian**

“Sarcospan Ameliorates Pathology in D2.mdx Mice, a Severe Model for Duchenne  
Muscular Dystrophy”

**Mentor: Professor Rachelle H. Crosbie**

**Mary Hovanesyan**

“Sequential Stroke Model of Vascular Dementia”

**Mentor: Professor S. Thomas Carmichael**

*Spring 2024 Degree Candidates*

**John Harvey**

“The Circadian Response to the Spectral Properties of Light”

**Mentors: Professors Christopher Colwell & Cristina Ghiani**

**Shirin Khosravi**

“Role of inflammation in mediating the effects of dim light at night in the Cntnap2 KO  
mouse model of autism”

**Mentors: Professors Christopher Colwell & Cristina Ghiani**

**Catherine Li**

“Sex Differences in Cortical and Striatal Pathology in a mouse model of Huntington's  
disease”

**Mentors: Professors Christopher Colwell & Cristina Ghiani**

**Alice Ma**

“The Role of Estrogen Receptor Alpha in Adipose Tissue Metabolism”

**Mentors: Professors Andrea Hevener & Zhenqi Zhou**

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

**Tierra Parker**

“Understanding Immunohistochemical Techniques as They Relate to Brain Sexual Dimorphisms”

**Mentor: Professor Art Arnold**

**Ellie Schmidtke**

“Locating the Sry transgene and measuring estrous cycles in rats with manipulations of the testis-determining factor Sry”

**Mentor: Professor Art Arnold**

**Stacy Alina Tletlepantzi Lara**

“The Role of Glycogen Synthase 1 in Brown Adipose Tissue”

**Mentor: Professor Claudio Villanueva**

**Peter Tran**

“The Role of Ubiquitin-Like Modifier UBD in Adipose Tissue Metabolism”

**Mentor: Professor Andrea Hevener**

**Sophia Anne Marie Barnachea Villanueva**

“Examining the Effects of Light Pollution on Health and Diseases”

**Mentors: Professors Christopher Colwell & Cristina Ghiani**

**Qingwen Xie**

“Identification of small molecules as novel adipogenic enhancers for edible adipose tissue”

**Mentor: Professor Amy Rowat**

***Summer 2024 Degree Candidates***

**Sherwin Atighetchi**

“Neurokin-1-Receptor Expression in the Reelin and Gastrin Releasing Peptide Neuronal Populations”

**Mentor: Professor Patricia E. Phelps**

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

**Nina Gilshteyn**

“The Biology is in The Tails: Skewness and Upregulation in scRNAseq”

**Mentor: Professor Eric Deeds**

**Tyler Kramer**

“Synaptic Modifications of the Utricle due to Changes in Ambient Gravity”

**Mentor: Professor Larry Hoffman**

**Yaochi Li**

“Dynamic Expression Patterns of ARPP21 Protein During Zebra Finch Vocal Development in Area X”

**Mentor: Professor Stephanie White**

**Jasmine Louie**

“Conditional Disabled-1 Knockout Reduces Adult Neurogenesis in the Olfactory Epithelium”

**Mentor: Professor Patricia E. Phelps**

**Michelle Ma**

“Satellite Cell Population and Niche Alterations in Cerebral Palsy”

**Mentor: Professor Rachel Thompson**

**Netpheel Wang**

“Investigating the Impact of dab1 Deficiency on Adult Neurogenesis in the Mouse Olfactory Epithelium”

**Mentor: Professor Patricia E. Phelps**

# Bachelor of Science Physiological Science

Ruben Adamov

Hasmik Jasmine Adetyan

Alexandra Vay Ahlschlager

Latin Honors - Summa Cum Laude

Samih Akram

Isabella Alcaraz

Tristan Apolinario Aligaen

Kimberly Rincon Ambriz

Yanira Alexandra Argueta

Phi Beta Kappa

Folahanmi Deborah Asebiomo

Larisa Assadourian

Nicole Mary Attiq

Latin Honors - Cum Laude

Katelynne Elisabeth Carolino Au

Jerome Atef Awada

Latin Honors - Cum Laude

Vedant Balu

Minor - Philosophy

Evronia Imad Baselious

Minor - Global Health

Jonathan Pascual Batac

Latin Honors - Cum Laude

Rajan Singh Batth

Katherine Benitez Lopez

Dominic Mills Benna

Latin Honors - Cum Laude

Emily Nicole Berg

Latin Honors - Magna Cum Laude

Ritika Bhattacharya

Hannah Biju

Gian Marco Omega Boco

Logan Alexander Bredek	
Tiffany Jane Brownfield	
Britney Rose Burnasky	Minor - Asian Languages
Eliana Marissa Carney	Minor - Conservation Biology
Marcus Yung Jing Chang	Minor - Society and Genetics Latin Honors - Magna Cum Laude
Ranen Earle Chang	Minor - Food Studies
Sonia Akram Chaudhry	Minor - Food Studies Latin Honors - Cum Laude
Darren Chen	Minor - Biomedical Research
Oris Chen	
Tony Chen	Latin Honors - Cum Laude
Mya Sue Chiarappa	
Chryssa Shia-Chu Mayumi Chiu	Minor - Accounting
Joshua Chou	
Andersen Wei-Chieh Chu	Latin Honors - Cum Laude
Devyn Motoko Chun	Minor - Bioinformatics
Elizabeth Marie Clem	Latin Honors - Cum Laude Phi Beta Kappa
Tikva Netanya Cohen	
Brianne Rose Conway	Latin Honors - Cum Laude
Jeremy Maurice Cote	
Cadi Creager	
Lizbeth Crisanto	Minor - Science Education
Claire Beth Lathrop Crossman	Phi Beta Kappa
Jayleen Luisa Cruz	
Lakshmi Bhuvana Davuluri	



Alyssa Isabel Delgadillo	Minor - Global Health Departmental Honors Jeanette Duval Research Scholarship
Danielle Angela Diem	Minor - Film, Television, and Digital Media
Jade Do	
Lily Do	Minor - Global Health
Joseph Emanuel Christopher Dolloway	
Nandhini Ekambaram	Minor - Global Health
Kasandra Lizeth Escobedo	Minor - Global Health
Andre A Fabian	Minor - Science Education Phi Beta Kappa
Yichen Fan	Minor - Philosophy Latin Honors - Magna Cum Laude
Janitzzy Felix	Minor - Education Studies
Samuel Clayton Flores	Minor - Global Health Latin Honors - Cum Laude
Michael Jun Ho Flores	
Angel Alexander Jordan Forte	
Aesia Tamboong Garban	
Xinyang Grace Ge	Minor - Gerontology Departmental Honors College Honors Latin Honors - Cum Laude
Natalie Faith Glassman	Minor - Global Health
Luciana Geovanna Gonzales Melgar	Double Major - Anthropology
Sergio Gonzalez	Latin Honors - Summa Cum Laude
Vanessa Gonzalez	

Rosa Amairani Gonzalez Alavez	
Ariel Kawai Guan	Minor - Global Health
Neha Atal Gupta	Minor - Spanish Latin Honors - Cum Laude Phi Beta Kappa
Angel Valentin Gutierrez-Ramos	Minors - Global Health, Chicana and Chicano Studies
Grace Anna Hajjar	Minor - Spanish Latin Honors - Magna Cum Laude Phi Beta Kappa
Angela Marie Harrington	Minor - Global Health
Marlen Ofelia Hernandez	Minors - Educations Studies, Global Health
Sydney Marie Holmes	
Daniel Hyo-Sung Hong	Latin Honors - Cum Laude
Ivan Hongyuan Huang	
Serena Huang	Minor - Evolutionary Medicine Latin Honors - Cum Laude Phi Beta Kappa
Sarah Yewon Huh	
Fiona Leland Hunter	Minor - Global Health Latin Honors - Magna Cum Laude Phi Beta Kappa
Aurora Leah Huxman	Minor - Spanish
Karen C Huynh	
Fennie Truc Thanh Huynh	Minor - Asian American Studies
Elizabeth Iniguez-Figueroa	
Mathew Isais	
Adarsh Jagadish	Phi Beta Kappa

Keanu Javaherian	
Jena Nicole Jimenez	
Kylie Mei Joe	Minor - Public Health
Sumaiya Kaiser	Minor - Global Health
Ella Marie Kang	
Jessica Danielle Katz	Latin Honors - Magna Cum Laude
Hannah Grace Kaye	
Nidhi Kejriwal	Minor - Food Studies Latin Honors - Magna Cum Laude
Emma Elyse Lindsay Kelly	Latin Honors - Cum Laude
Catherine Keyser	Double Major - Biochemistry Minor - Classical Civilization
Sandra Assa Kim	Minor - Global Health
Elsa Ann Kronen	Latin Honors - Summa Cum Laude
Jasmin Deven Kumar	
Davis La	
Abigail Lam	Minor - Accounting
Ethan Dumlao Laureano	
Immi Lee	2024 Outstanding Senior Award <sup>[L]</sup> <sub>[SEP]</sub> Minor - Biomedical Research Latin Honors - Magna Cum Laude
Jenny Forest Lee	Minor - Asian Languages Latin Honors - Cum Laude Phi Beta Kappa
Annie Liang	Latin Honors - Cum Laude
Aiden Thomas Lieb	
Sujin Lim	Latin Honors - Summa Cum Laude

Shannon Liu

Michelle Andrea Longlax

Esteban Lopez

Nolan Villena Lozano

Catalina Siobhan Magana

Tanvir Singh Mann

Rosalizbeth Medina Martinez

Alexis Marie Massey

Sydney Joy Matas

Austin Colorado McBride

Latin Honors - Cum Laude

Latin Honors - Summa Cum Laude

Minor - Global Health

Latin Honors - Cum Laude

Minor - Biomedical Research

3rd Place Science Poster Day 2024

Double Major - Dance

Latin Honors - Summa Cum Laude

Minor - Food Studies

Latin Honors - Summa Cum Laude

Phi Beta Kappa

Enya Mcghee

Tatiana Rose Mcphatter

John Meinert

Alexandra Maria Mele

Sandra Messiha

Sarah Marie Mettias

Double Major - Public Affairs

Minor - Global Health

College Honors

Latin Honors - Cum Laude

Aria Ryan Movassaghi

Amanda Marie Mrad

Minor - Food Studies

Latin Honors - Cum Laude

Eric C Musgrave

Jacqueline Dorothy Musico

Donovan King Nelson

Pierce Morris Newman

Sophia Myngoc Nguyen

Trevor Lan Nguyen

Minor - Public Health  
Latin Honors - Cum Laude

Nathan Khac Nguyen

Latin Honors - Cum Laude

Kyle Nguyen-Ngo

College Honors  
Latin Honors - Summa Cum Laude

Diego Joel Nunez-Leon

Minor - Community Engagement and  
Social Change

Jordan Nicole O'Brien

Daria Obukhova

Minor - European Languages and  
Transcultural Studies with French and  
Francophone  
Latin Honors - Summa Cum Laude  
Phi Beta Kappa

Lilit Azatui Ohanian

Latin Honors - Magna Cum Laude

Nataly Nazik Opoyan

Minor - History

Nika Amelia Panahi

Giselle Pantoja

Venice Park

Trisha Parthasarathi

Alauki Saurin Patel

Shreya Rajesh Patel

Javier Perez Mejia

Jarrett Andrew Peyrefitte

Truc Thuy Pham

Triple Major - Microbiology  
Immunology, Molecular Genetics  
and Biochemistry

William Pham

John Loc Phan

Catherine Anita Espino Phelps

Arya Philips

Sarah Pulliam

Yanyi Qu

Trevor J Ramsey

Minor - Lesbian, Gay, Bisexual,  
Transgender, and Queer Studies

Casandra Rayo Vargas

Vincent Patrick Real

Minor - Film, Television, and Digital  
Media

Chloe Lynette Reese

Jose Alejandro Reyes Miranda

Minor - Global Health

Gabrielle Marie Richardson

Double Major - Neuroscience  
Latin Honors - Magna Cum Laude

Joshua Blake Richter

Meghna Rizal

Lesley Rojas

Brenna Michelle Rowley

Kathrine Anne Papa Samia

Jessica Helen Sanderson

Minor - Society and Genetics

Siddharth Singh Sandhu

Minor - Theater  
Latin Honors - Magna Cum Laude

Ricardo Antonio Santana

Daryl Angela Santos

Hoorig Seta Sarkissian

Latin Honors - Cum Laude

Nivedha Satheeshkumar

Daniel Francis Brenner Schettini	Double Major - Political Science Latin Honors - Cum Laude
Sophia Alexandria Therese Schiro	
Jacob William Schwarz	
Emily Elizabeth Seifert	Latin Honors - Magna Cum Laude Phi Beta Kappa
Sachi Sengupta	Minor - Global Health
Shivani Sachin Shah	Minor - Public Health Phi Beta Kappa
Rhea Y Shah	
Sera Dura Shahbazian	
Piper Caroline Shannahan	
Griffon Sho Lu Qing Shen	
Tammy Yuan Shen	Minor - Food Studies
Sophia Shih	Double Major - Music Performance
Gabriella Hannah Sigal	
Megan Kay Singer	Minor - Global Health Departmental Honors Latin Honors - Cum Laude
Courtney Mia Situ	
Rahul Sobti	Latin Honors - Summa Cum Laude
Dasha Sokolova	Minor - Gender Studies Latin Honors - Cum Laude Phi Beta Kappa
Andrew John Soliman	Minor - Global Health
Thor C Strandgaard	
Lindsey Su	Latin Honors - Cum Laude

Sydney Adele Sullivan

Latin Honors - Magna Cum Laude  
Phi Beta Kappa

Camille Leanne Szromba

Jake Takashima

Latin Honors - Summa Cum Laude

Jessica Ha Tieu

Jonathan William Tong

Angela Tonoyan

Kayla Thao Tran

Latin Honors - Cum Laude  
Phi Beta Kappa

Andrew Tien Thien Tran

Jelix H Tsan

Minor - Applied Developmental  
Psychology  
Latin Honors - Magna Cum Laude

Kyle Matthew Tsujimoto

Double Major - Asian America Studies  
Latin Honors - Summa Cum Laude

Tannen Librado Lucas Vagle

Kaili Jaline Valenzuela

Abigail Robillo Viado

Emily Thanh Vu

Latin Honors - Summa Cum Laude  
Minor - Film, Television, and Digital  
Media

Isabelle Marie Walker

Lindsey Marie Walter

Katelyn Yaranne Walters

Minor - Anthropology

Helen Ziwei Wang

Jaylin Monroe Wang

Mya Lisa Margarita Warner

Phi Beta Kappa

Anita Joan Washburn



Sophia Snow Wendin

2rd Place Science Poster Day 2024  
Latin Honors - Summa Cum Laude

Nicole Shelley Wetherhold

Scot Oliver Widjaja

Vanessa Xaythida Xayasak

Xiaoyun Xu

Asia Kim Yamada

Jayden Megumi Yamasaki

Bethany Cehua Yang

Minor - Public Health