

# RAUSSER COLLEGE OF NATURAL RESOURCES

## 2024 COMMENCEMENT PROGRAM

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MONDAY, MAY 13, 2024 | 7PM | HEARST GREEK THEATRE

### PROCESSIONAL

“Pomp and Circumstance” March No. 1 by Edward Elgar  
*Audience is requested to stand, if able.*

### OPENING REMARKS

KATE O'NEILL  
Associate Dean of Instruction and Student Affairs,  
Rausser College of Natural Resources

### WELCOME

DAVID ACKERLY  
Dean, Rausser College of Natural Resources

### DISTINGUISHED TEACHING AWARD

TIMOTHY BOWLES  
Environmental Science, Policy, & Management (ESPM)

### STUDENT SPEAKER

ABI SHIVA, CLASS OF 2024  
Environmental Sciences, ESPM

### KEYNOTE SPEAKER

ISAIAS HERNANDEZ  
Founder of Queer Brown Vegan

### PRESENTATION OF CANDIDATES FOR DEGREES

### CLOSING

# **DOCTOR OF PHILOSOPHY**

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Candidates Presented by:  
Karine Gibbs, Chair of the Faculty Executive Committee

## **AGRICULTURAL & RESOURCE ECONOMICS**

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### **DANIEL AGNESS**

Essays on Networks and Urbanization in East Africa

### **PIERRE BISCAYE**

Natural Disasters and Livelihoods: Evidence from Pests, Floods, and Disease in African Countries

### **QIANMIAO CHEN**

Public Procurement and Firms in China

### **JOEL DOMENIC FERGUSON**

Three Essays on Spatial Externalities of Agriculture in Low-Resource Settings

### **LEILA SAFAVI**

Essays in Energy and Environmental Economics

### **JEDEDIAH SILVER**

Essays on Agricultural Productivity and Consumption Smoothing Under Incomplete Markets

## **COMPARATIVE BIOCHEMISTRY**

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### **NEIL VICTOR YANG**

TOMM40: Bridging Mitochondrial to Lipid Metabolism

## **ENDOCRINOLOGY**

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### **SZU-CHI LIAO**

Mechanisms of Energy Control and Failure in Neurodegeneration

# **ENVIRONMENTAL SCIENCE, POLICY, & MANAGEMENT**

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## **LUCY ANDREWS**

Restoring Rivers and Managing Water for the Environment Under Climate Change

## **TRACY JEAN BURNETT**

Attentive Maintenance of Patterns at Different Scales Creates Sustainable, Resilient Rangelands: A Case Study of Pastoral Ecosystems in Southwest Amdo, Tibet

## **EMILY KATHERINE CHIN**

Population Dynamics of Chinook Salmon in California

## **PRANJAL DWIVEDI**

Understanding the Carbon Balance of Wetlands in Response to Anthropogenic Change in Two Different Geographies

## **KENZO EMILIANO ESQUIVEL**

Soil Health Management on the California Central Coast: Barriers and Opportunities for Carbon Storage and Soil Multifunctionality on Working Farms

## **SARAH MARIE HARTMAN**

Evaluating the Resilience and Sustainability of Local Agricultural Systems Embedded into the Global Food Supply Chain

## **LEKE HUTCHINS**

Abundant Lands, Thriving People: The Socio-Ecological Web of an Indigenous Agroecosystem

## **KYLE LEATHERS**

Effects of Climate Change-induced Low Flows on Sierra Nevada Stream Ecosystems

## **XINCHEN LU**

Data-driven Understanding of the Global Carbon and Water Cycles Through Ecosystem Phenology and Water Use Efficiency

## **JESSIE ANNA MORAVEK**

Integrating Habitat Restoration and Conservation Planning for Freshwater Ecosystem Resilience

*Note: Each candidate's name is followed by the title of their doctoral dissertation.*

# ENVIRONMENTAL SCIENCE, POLICY, & MANAGEMENT

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## **EVAN PATRICK**

Assessing Forest Cover and Livelihood Dynamics in Central America from Household to Multi-National Scales

## **DANIELLE CLARÍS PERRYMAN**

Small Mammal Niche Shifts and Morphological Response to Climate Change and Plant Productivity in the Mojave Desert Region of California

## **MINDY JEWELL PRICE**

Contested Icescapes: Land, Politics, and Change on an Arctic Agricultural Frontier in the Northwest Territories, Canada

## **COLEMAN RAINEY**

At the Threshold: Soil Horizons and Agrarian Futures

## **RACHAEL ELIZABETH RYAN**

Exploring Intraspecific Diversity, Habitat Mosaics, and Environmental Variation in an Endangered Salmon Population: Implications for Conservation and Resilience

## **MITCHELL WARREN SEROTA**

Outcomes and Challenges of Wildlife Restoration in Novel Ecosystems

## **TARA ANN SEELY**

Quantifying Changes to Structure and Function in the Anthropogenically Modified Ecosystems of California, Hawai'i, and Moorea

## **AVERY LIN SHAWLER**

Ecological & Social Challenges of Wolf-Livestock Conflict: Wolf-Elk Interactions & Local Perspectives in the Greater Yellowstone Ecosystem

## **ANNALISE TAYLOR**

Mapping with the Amah Mutsun Tribal Band: How Spatial Science Can Be Used to Study Ecological Stewardship Practices and Restore Cultural Relationships with Land for Indigenous Communities

## **TIANXIN WANG**

Land-Atmosphere Interactions: A Study of Energy, Water, and Carbon Dynamics In Irrigated Alfalfa Agriculture

## **ERIN PAIGE WESTEEN**

Ecomorphology Across Levels of Biological Organization in Spiny Lizards

*Note: Each candidate's name is followed by the title of their doctoral dissertation.*

## **METABOLIC BIOLOGY**

### **ALEC BIZIEFF**

Utilizing Stable Isotope Labeling to Measure Changes in Global, Ontology-Grouped, and Individual Protein Flux Rates in Skeletal Muscle

### **JOSEPH HENDRICKS**

Targeting Ferroptosis as a Novel Therapeutic Strategy for Combating Cancer

### **ALYSSA JEAN MATHIOWETZ**

Hepatocellular Determinants of Lipid Storage and Secretion

### **VIANA QUYNH PHAM**

Aging of Tancytes and Dysregulation of Hypothalamic Blood-Brain Barrier Permeability and Individual Protein Flux Rates in Skeletal Muscle

## **MICROBIOLOGY**

### **ZOILA ISABEL ALVAREZ APONTE**

Unraveling Interactions in Complex Communities: Corrinoids as Model Nutrients for the Isolation of Bacteria from Soil

### **CAROLINE MALLORY BOYD**

Protein Piracy and Molecular Manipulation: How a *Vibrio cholerae* Phage Satellite Links its Horizontal Transmission to Inhibition of Phage Spread

### **SEBASTIAN FERNANDEZ**

*Listeria Monocytogenes* as a Vector for Cancer Immunotherapies

### **RITA MCCALL**

Integrating Habitat Restoration and Conservation Planning for Freshwater Ecosystem Resilience

### **REBECCA PROCKNOW**

Dissecting the Regulatory Mechanism of Natural Corrinoid Riboswitches and Exploring the Fitness of Corrinoid Dependence

# **MICROBIOLOGY**

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## **LUIS ENRIQUE VALENTIN-ALVARADO**

Microbial Tapestry: Interwoven Activities of Novel Uncultivated Microorganisms, Their Genome Structures, and Mobile Genetic Elements in Subsurface Ecosystems

## **KEVIN YIN**

Engineering Streptomyces for Production and Diversification of Polycycloproponated Fatty Acids

# **PLANT BIOLOGY**

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## **NATHAN DIPLOCK**

Achieving Plant Resistance to *Pseudomonas syringae* through Natural Diversity of Immune Receptors and Rational Design of ZAR1 Recognition Pathways

## **EVAN GROOVER**

Gene Editing Approaches to Study and improve Crop Photosynthesis

## **ROBIN HERBERT**

DNA Barcoding Strategies for Interpreting Bacterial Colonization of Plants

## **HELEN W LIU**

Transcriptomic, Proteomic, and Structural Modifications to the Photosynthetic Apparatus and Beyond in Fe Limitation in Diverse Eukaryotic Photosynthetic Algae

## **KAREN SERRANO**

Understanding Multi-Kingdom Communication in Plant-Microbe Endosymbiosis

## **PETER STOKES**

Inferring the Demographic History of Sunflower Domestication with Extant and Ancient Sequence Data

## **LORENZO JAMAL WASHINGTON**

Clarifying Connections: Seeking to Understand Ways Science, Society, Plants, & Microorganisms intertwine

## **MASTER'S DEGREES**

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### **FORESTRY**

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**DONALD LOGAN CAMPBELL**

Robust Historical Forest Inventories Describe Patterns of Stand Density in the Sierra Nevada and Southern Cascades

**LINDSEY JASPERSE**

**TAJ KATUNA**

**CONNIE RYAN**

Post-Fire Variable Canopy Retention Thinning and Oak-restoration Experiment

### **METABOLIC BIOLOGY**

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**XINYUE LI**

**ZHENWEN YU**

### **RANGE MANAGEMENT**

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**LEE FARESE**

**ZOE FUNG**

**MICHELLE KATUNA**

*Note: Candidate's Names are followed by the title of their Master's thesis, if applicable.*

# BACHELOR'S DEGREE CANDIDATES

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## RAUSSER COLLEGE OF NATURAL RESOURCES

### DEPARTMENT OF AGRICULTURAL & RESOURCE ECONOMICS

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#### ENVIRONMENTAL ECONOMICS & POLICY

CASE HARPER ARENDS

THOMAS AVILA

STEPHANIE ANNE BABCOCK

MARC PAUL BONNOT

AUDREY LYNN BOOHER

KARIN DAVINA BUDI

MALENA BUFFAGNI

QI CAO

NEHA CHAUDHARY

MARK CHECHENIN GELFER

MEITONG CHEN

ZHAOXI CHEN

DANIEL PHILIP CONWAY

ENZO JEAN CREMERS

MANUEL MARTINEZ DIAZ

LILY THANH DO

YONGFEI DU

PETER BENJAMIN DUCKETT

KAREN YAZMINE ENRIQUEZ

ALI FAZAL

IAN CHARLES FIFE

ZAKI HARRIS FIRUZ

MATTHEW EOIN GALLAGHER

AUDREY GATES \*

LANIE GOLDBERG ^

MARGARET CHIA-ZHENG GOMEZ

NATALIE ROSE GOODWIN

ANAIS BEATRICE GOREK

PETER FLO GRINDE-HOLLEVIK

HUILIN GUAN

PADRAIG ELIJAH GWYNNE

SYDNEY DEAN HENDERSON

JENNIFER HERNANDEZ

JAMES HERRIGEL \*

KE (KIKI) HU

XINRU HUANG

ANNA HUANG

GRACE ELISE HUNZICKER

STEFANIE IOJICA

IVANNI JAMIN

GAEUL JEONG

YUNLIANG JI

SOPHIA HIMALIA JOSHI

SETHANY KAING

DOJUN KIM

JACK BENJAMIN KLEIGER

EMILY ELAINE LANGTON

ILIANA LAZARO

\* INDICATES DISTINCTION IN GENERAL SCHOLARSHIP AT GRADUATION (3.869 GPA+)

^ INDICATES HIGH DISTINCTION IN GENERAL SCHOLARSHIP AT GRADUATION (3.929 GPA+)

+ INDICATES HIGHEST DISTINCTION IN GENERAL SCHOLARSHIP AT GRADUATION (3.987 GPA+)

> INDICATES PHI BETA KAPPA MEMBER

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# ENVIRONMENTAL ECONOMICS & POLICY

MAXIMUS JOSEPH LEE  
TRACEY LEY  
YAQI LIANG  
EMILY ELAINE LANGTON  
ILIANA LAZARO  
MAXIMUS JOSEPH LEE  
TRACEY LEY  
YAQI LIANG  
XIAOTONG LIANG  
TEO BRYCE ROBIN LIN-BIANCO ^  
ABIGALE CHLOE LISCHAK \*  
JESSICA LIU  
HAOJUN LIU  
OSBALDO LONGORIA NAVA  
VICTORIA DANIELA LOPEZ  
CALVIN PAUL LOUIE  
CAROL LU  
YUMENG MA  
KANAY MATHUR  
LIZBETH JAZMIN MILLAN  
NADIA MOHAMMAD GHOLI BAIGI  
COLIN MICHAEL MORONEY  
AMANDA NESLUND  
SARAH NG  
VINCE LE NGUYEN  
ANGELA NGUYEN  
HANSER OH  
BRIANNA ONG  
TIA FAYE PAPPAS ^  
SHANNON FAY PAULSON ^  
JACK PETERSON  
JENNY HUYEN PHAM  
CINDY QUACH  
AISHA RAJPUT \*

SEBASTIAN IZHAI RAMIREZ  
JYAN ALAYNA NOHEALANI RODRIGUEZ  
JULIA RUNKLE  
AYAN SARKAR  
JENNIFER MADISON SHAW  
EMILIO SHEA  
CATALINA-CLAIRE ACKER SILVESTRE  
DOMINIC MAKAI SOVIN SYKES  
PEILIN TAN  
JORDAN GABRIEL TAQI-EDDIN  
ELENA TRINH  
MARTIN EDUARDO VACA  
ILANA GABRIELLE VILLA  
YINGPEI WANG  
FANYU WANG  
SAMANTHA WANG  
CHRISTINE WANG  
XINYUE MI WANG  
EVAN MICHAEL WEIGOLD  
MACKENZIE MARIE WHITBY  
NICHOLAS WHITING  
SYDNEY VIOLET WIERNICKI  
MONICA KORIE WILSON  
ISABELLE WINSTEAD  
DATON WOLFAARDT  
XIANG WU  
MINGXUAN XU  
YUKI YAMANAKA  
LEA YAMASHIRO  
JANET YI-YANG YANG  
ZHENHAO YANG  
HAORONG YANG  
TENGEN ZHOU

*Note: Degree programs will be called in a different order than they appear in the program.*

**CONSERVATION & RESOURCE STUDIES**

SARA AHLICH  
NATHANIEL BRONSON ALISAGO  
ELLINOR GRACE ARZBAECHER +  
KENDALL ASHLEY  
MARIA JOSE BARRERA  
RYAN MILES BEAM  
KIRAN SUVARNA BENGARD \*  
KAE LEE HONG BIEN  
MICHID BYAMBAJAV  
SAMANTHA BIANCA CEJA ^  
MELISSA CERVANTES ZARCO  
CATHERINE CATTIEN CHU  
GABRIELLE FAITH COHEN ^  
ESTEBAN RICARDO CONTRERAS  
SOPHIA SZITA DE GROOT  
ARISSA YLIANA DE LA CERDA  
ERICKA YANETH DOMINGUEZ  
HALLE ROSE DONOVAN  
EM ERCE ^  
GISELL ESPINOZA  
VIVIAN SCOTT FELDHEIM \*  
KINLEY CHU FLAHERTY  
MATTHEW ROBERT FLOYD  
KIERA FULTON  
ANGEL GALVAN  
LORENA YENITZEN GARCIA JIMENZ  
DAISY XITLALY GARCIA OLIVERA  
MAEVE GILBERT ^  
ALICE ROSE GIPE \*  
DIANA GIRON  
ARINNA GUO \*  
JOSAFINA JOSETTE HAHN  
SARAH IMAAN HASHAM \*  
AVA VALENTINA HAWKINS ^  
ISABELLE SAVANNAH HERRERA  
WILLOW HOLIDAY

KHRISTINA GRACE ELLENA  
HOLTERMAN \*  
RUSSELL HUANG ^  
GABRIEL NAVEED HUSAIN  
ZAYNAB FATIMA JAWAID  
AMY ELIZABETH JOHNSON  
CHLOE KAILANI KAMINSKAS  
EMMA KELLY  
ELLA MORGAN KELLY  
GARRETT DEMOOR KITAHATA  
TRISH LE  
NATALIA LELAN-COX  
LORRAINE LIMON  
DANNY LIMON  
DAKOTA MARGOLIS ^  
MAIYA MASJEDI  
IAN JAMES MCGUCKIN  
ETHAN WILDER MICHON  
THOMAS MONROE MILLER  
CHELSEA MORALES  
DILLAN KEYUR NAGRIK \*  
ISAYAH ARIEL NUESTRO ^  
PETER JOSEPH PALOMBI \*  
CHERI PEARSON ^  
SUMMER ROSE XIAYAN POLSTER ^ >  
JAVIERA ELIANA QUEZADA  
SAM QUIÑONES  
JACQUELINE RAMOS  
ANASTASIYA RAZUMOVSKA  
JYAN ALAYNA NOHEALANI RODRIGUEZ  
KARYNA CHRISTABELLE RUSSO  
MARCOS SANTOS  
CAROLINE ELIZABETH SCHLOSS  
BLANCA SEITER ^  
TY SHELTON

## CONSERVATION & RESOURCE STUDIES

GREGORY SCOTT SHERROD ^ >  
ARPINE SINANI  
LAUREN MICHELE SINOPOLI  
AMY KIM HUONG TANG \*  
YUEROU TANG \*  
AMANDA AIKO UJIE  
MIA URIBE  
MAYELI VEGA VEGA  
SABREENA VERMA \*

JESSICA VO  
CATHERINE ELLEN WANG  
MEGAN TAYLOR WESCHE  
WARREN JOSEPH WHITE  
RACHEL WHITESIDE +  
CAROLINE JANE WICHTERMAN  
STELLA JILL CATHARINA WING  
RACHEL KANAMI WONG  
LUKE T WONZEN

## ECOSYSTEM MANAGEMENT & FORESTRY

ANDREW JACKSON BAGWELL  
MAX BOLLE  
GISELE IRENE BRANDT  
KARIN DAVINA BUDI  
LOUIS JOHN CIMMINO  
ANYA MARIE CUTTER  
ISABELL MORGAN DO  
ASHLEY ANN EDINGTON  
LIAM CHRISTIAN SPENSER GEARY  
CARLO MOISES GOMEZ  
YUNLIANG JI  
MAIA KAJE ^  
KATIE LEE

ANNA MAE MAGRUDER  
RUBEN MARTINEZ  
JACQUELINE KATE MCKILLOP-HERR  
ETHAN WILDER MICHON  
DILLAN KEYUR NAGRIK \*  
HEATHER NELSON  
VISHAL SUBRAMANYAN  
NATALIE MARIE TRSO  
LAUREN JOANNA UTNE  
GEMA JULIANA VASQUEZ CHAVEZ  
MAYURESH VISSWANATHAN \*  
DANIEL YOHO

## ENVIRONMENTAL SCIENCES

MARIAM ALSAID  
MALIA NORIKO ARIYOSHI  
KYRA WONG ASPREC  
TESSA MICHELLE AUER  
NATALIE AVIDA \*  
MAXIMUS STEELE BILLAT  
GRACE BOYD  
MINA KAITLYN BURNS

JAMES ANTHONY CAMPBELL  
ELENA CAMPPELL  
SARAH CASO >  
MOSES CASTILLO  
JOSHUA MIGUEL ROYO CHAN  
GRACE JIAXIN CHEN  
KENNETH CHOI  
BEATRICE CUNDIFF

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# DEPARTMENT OF ENVIRONMENTAL SCIENCE, POLICY, & MANAGEMENT

---

## ENVIRONMENTAL SCIENCES

JOCELYN OTILIA DELGADO URIARTE  
RACHEL DEVA RANI DHARMAPALAN  
SHANDEEP SINGH DHILLON  
DANIEL DORAN  
TERESA CLARE ECHEVARRIA  
TIENA MEI ELIAS  
ALEXANDRA FISTER  
MELODY ISABELLA GARZA  
ISABEL JO GATDULA  
ADAN GONZALEZ  
MAY HE  
CHLOE HESS  
GRETEL ERIKA HUBER  
MEGAN YEOJIN HUR ^  
PATRICK THEODORE JACOBSON +  
IVANNI JAMIN  
MARGARET ANNE KALAW \*  
KYLEN JASMINE KENNEDY  
TASNEEM KHALAK  
ANGELA AN KOU \*  
HAYLEY LAI  
KELSEY LEET  
ALEXANDER LEVY  
PAIGE CATHERINE LIEBLICH  
BRANDON LIN \*  
CLAIRE LIU  
TATE PAIGE LUOMA  
YINUO MA  
NINA MABASA  
ELIJAH RALF MACALINAO

ANNA MAE MAGRUDER  
DHRUTHI MANDAVILLI \*  
ISABEL MARTHA MARTIN  
JADE Yael MARUM  
ALLISON MICHELLE MAYS  
AYRA ZUHAIIR MOIN  
ISHA MURALI  
KAI NOAH NITTENBERG  
ZCJANIN OLLESCA  
BETHANY OU  
RICKY ANDREW PANKRATZ  
TIA FAYE PAPPAS ^  
KRISHNA PAREKH  
JIHO PARK  
AKSHAY SAHIL PATEL  
KARIS POLFER  
PRIYA NANDA RILEY  
MINA PENELOPE ROSSMAN \*  
NAYELI VERONICA RUBIO \*  
SABI CAN RUSO \*  
ABISHAYAN SHIVA ^  
MARA GREENE ST. AMANT  
XIANGRONG SUN  
QI JIA SUN  
VIOLET TAHSINI  
JIAWEN TANG ^  
CARRIE THANG  
JANE TOVAR  
JENNY TSENG  
WILLIAM CARLOS MORGAN URRUTIA

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## ENVIRONMENTAL SCIENCES

ELAINE-JANE SANDI VILORIA  
ISABEL KAYE WAMSTEKER  
IAN STONE WANG  
BENJAMIN STAR WEINBERGER  
FINNIAN GRACE WHELAN ^  
NICHOLAS WHITING

SANDYA WIJAYA  
BRITNEY RACHEL WU ^  
ETHAN ALEXANDER XIE  
ERINNE YOO  
ALINA LETICIA ZARATE + >  
YICHEN ZHAO

## MOLECULAR ENVIRONMENTAL BIOLOGY

YASMIN ABU-HAMAD  
EMILY YUKI BANNO  
SNIGDHA BARUA  
AUNNESHA BHOWMICK +  
MARC PAUL BONNOT  
TREASURE SAMANTHA BOUTAN  
KATELYN BRAR  
LINDA JOANNA BRAVO  
TALLYN ELISE BURTON  
ALONDRA SHECCID CAMARENA  
MARGUERITE CASSIDY  
ANDERSON CHEN  
JIAYUAN CHEN \*  
CHRISTOPHER KEVIN CHENG  
TAYEBA KHANAM CHOWDHURY  
DAISY CHU  
MAYA DHOND  
MIA DI GENOVA  
ZYREL ROMANES DIMALANTA  
KAYLA ELIZABETH DIXON  
ISABELLE MORGAN DO  
VIOLAINE TIMOTHY CELIS DOMINGO  
ELEANOR ANDERSON DUCHOW  
DAFNE ELIANE FAITELSON  
JAMES FERMELIA  
ABIGAIL FRANCES FERNANDES \*  
AMY JUDITH FLORES GALDAMEZ  
JONNA GRACE YAO GALICIA  
CHARLIE EDWARD GRACIA

MICHELLE ANGELA GUNAWAN \*  
TING GUO  
YIYAN HAO ^  
KENNY HO  
AMARACHUKWU IBEANUSI  
CARLO JOHN JACOBSON ^  
VICTORIA JOLIE JAUREGUI  
DIANA SUNHEE KALANTAR  
KHIZUR KAMRAN \*  
KESI MAE KASAI-JOHNSON  
ALICE JISOO KIM + >  
SIERRA NICOLE KLEMMANN  
CHLOE ELYSE LATT  
JENNY LE  
VIVIAN LEE ^  
ALEXANDER LEVY  
YUERONG (SOPHIE) LI  
CLEO LIN  
TARKH LINGAMALLU  
ALEXANDER HOANG LY  
GURSHARAN SINGH MANN  
VIOLET KORINN MARKO  
MARLEE NOELLE MEEK  
SAHIBJOT SINGH MEHANGER  
PATRICIA ALMONTE MILANO  
FAITH ANN MILLER  
NANCY ADAMARIZ MIRANDA  
MARTINEZ

**MOLECULAR ENVIRONMENTAL BIOLOGY**

TYLER ROSE MISRAJE  
AMY HEE-JAE MOON  
ALEXANDER PHILLIPS MUELLER  
CAROL NG  
BRANDON NUNES  
MAYA HAILEE OGASAWARA  
EMMA PARADISE  
DAVID VÍCTOR PEREZ NYQUIST  
BENJAMIN PERSONS  
MAXIMILLIAN EDWARD PIPER  
ANYA PRASAD  
HALEY RAMSTORF  
MEGNA REDDY  
ALICIA KATE RIFKIN ^  
HALEY GRACE RODRIGUEZ  
ASHLEY GRACE ROELOFS  
ERICA ROH  
OWAIN SARGENT ROSE  
QUETZALLI RUIZ TIRADO  
ETHAN SASO  
CLAIRE LOUISE HATSUMI SAUTER \*  
HEMANI RAJ SHARMA  
ETHAN DIDIER MALICDEM SHEPPY  
CHRISTINE ALEXANDRA SHIMAHARA  
TANVIR SINGH SIDHU  
KIARAMAE SIERTE

NICHOLAS SIMS  
MEGAN SLOVATIZKI  
GRACE PEARL STEWART ^  
YING-LI SU  
LENA JAMIE TAMA  
GABY JULIANNE TAN +  
RIYA TANDON  
JILLYAN HUYNH TANG  
SOFIA JULIA TELFER  
MISTIE TRAN  
JESSICA TRIEBSWETTER  
SRIHITA VENKATASAI TRIPASURI \*  
EUNICE TSANG \*  
CONNOR CHIN YOUNG TSENG ^  
MICHAEL TU  
ANAÏS NAIRI TUCERYAN  
WILLIAM CARLOS MORGAN URRUTIA  
BILLY VO  
BENJAMIN WALKER-EDWARDS  
NATALIE ANNE WALZER \*  
JOYCE WANG  
CHRISTIAN DOEYUN WHANG  
PARKER WINIG  
SARA YAVAS  
BOYUE YU  
MITCH ZHENG

**SOCIETY & ENVIRONMENT**

ADITYA AGGARWAL  
NICOLE DANIELA AGUILERA  
NEIDA ALDANA-FELIX  
BRISA ALVAREZ  
MELISSA MARIKO ANGEL  
MIRABELLA ANGELO \*  
ADRIAN DENNIS ANTONIO

ANTONIO BACA-LEMUS  
XOCHITL BARRIOS SANTIAGO  
MALENA BUFFAGNI  
HANNAH ROSE CAPLAN  
LESLIE CARDENAS  
LOVISA KAROLINA JOSEFINA CARLVIK ^  
MELISSA CERVANTES ZARCO

## SOCIETY & ENVIRONMENT

BAILEY COX *	CHLOE JADE LIU
LANG ELIZABETH CSIRA	JENNIFER LOPEZ
KATHERINE WILLA DELLER *	CAMILLE CATHERINE MACDONALD ^
KAREN YAZMINE ENRIQUEZ	NATALIE GISSELLE MARTINEZ
ADIN ESBERG	GRACE CATHERINE MCGEE
ESMEE ANNE FONG CHEW	MADDEN RAYE MILLER
NAT ANNE HANAKO GAFFNEY *	PASCALE CHERON MONTGOMERY *
ANTONIA MARIE ELISABETH GALLAND	ISHA MURALI
LIAM DOEGMETCHI GANION	AKSA NAEEM
ALEXANDRA JADE TALOSIG GARCIA	AMANDA NESLUND
KRYSTAL GILBERT-NEWCAMP ^	IONA NORMANDI
ISABELLA SIMONE ROBILLARD GOINES	JEMMA ELYSIA PARADISE +
NOA LILY GOLDSMITH	SOPHIE PARK
IAN PATRICK GRACE	ALEXANDRIA DEBRA PATCHETT
CHARLIE EDWARD GRACIA	CHRISTINA JOYCE PELLICCIO
NATHALIE HERNANDEZ	EMILY QUE
LUNA HOHNER-SHIELDS	OLIVIA EILEEN ROARK
MEGAN HOM	ALONDRA RODRIGUEZ SOLIS *
ANNABELLE SKYE JOHNSON *	KATHERINE ROJAS
TYRA JOSE	LAUREL ERIN TAYLOR
MAIA KAJE ^	SONA S TIGRANYAN
MARGARET ANNE KALAW *	MARTA OCIRIS TOBAR ^
MADÉLINE LAUREANNA KOMLOS	JANE TOVAR
OLIVIA KATHRYN KULCHIN	ARJIYAN UNLU
SOPHIA LARA	MIRYANA VALENZUELA
GABRIELLA SARA HERTZ LAXER	MEGAN TAYLOR WESCHE
JOVAN LEWIS	DYLAN VAN WILSON
SOU MAYA KHADIJA LHAMOUS	SIERRA NOEL WINTER
	ZHENYI YIN *

\* INDICATES DISTINCTION IN GENERAL SCHOLARSHIP AT GRADUATION (3.869 GPA+)

^ INDICATES HIGH DISTINCTION IN GENERAL SCHOLARSHIP AT GRADUATION (3.929 GPA+)

+ INDICATES HIGHEST DISTINCTION IN GENERAL SCHOLARSHIP AT GRADUATION (3.987 GPA+)

> INDICATES PHI BETA KAPPA MEMBER

*Distinction is based on GPA earned as of January 2024 for all students participating in this ceremony. Official distinction is verified when transcripts are updated with final semester grades.*

# DEPARTMENT OF NUTRITIONAL SCIENCES & TOXICOLOGY

## NUTRITIONAL SCIENCES - DIETETICS

CLEO LIN

HANNAH SARAH RODIN

HALEY KATHRYN SILVA

ANQI TANG

MICHAEL TU

LOLA YASIN \*

## NUTRITIONAL SCIENCES - PHYSIOLOGY & METABOLISM

RAFAEL ACOSTA ACOSTA

MANAL AFZAL

ZAID MOHAMMED ANSARI

ISABEL ALEJANDRA ARREOLA

REESAH KIYOMI BAKER ^

NELLA MARIA BATAH

GENESIS EMPERATRIZ BERMUDEZ  
PULIDO

MADELINE CHRISTINA BURNS

KRISTEN CHANG

MAGGIE CHENG > ^

NICOLE CHEUNG

ISABEL YOUNG-HAE CHO

ALINA CHOI \*

GRACE CHONG

IL HWA CHRISTIAN CHUNG

MAYA LYNN COUTTS

ASHLEY ELIZABETH CRABTREE

QIAN DENG

NADIA MENA GRENVILLE

RILEE LEEANN HARMON

SHERIN HOMAYOUN

RON ISRAEL

KENZO JOSHUA KHOO

CLARA KIM

SARAH THERESE KNIGHT

LINDSEY MIYA KOJIMA

ALEXANDRA LEE

ERIN CHING-AN LEE

QUEENIE LI

LILLY TEAS LIM

ANA PAULA LOPEZ RUIZ

MILANA NATASHA MARSH \*

COOPER ROBERT MARSHALL

MARIA ELENA MEINCKE

CHRIS NA

HANNAH JANE NEARY

ANDREW NGUYEN

VICTOR HY NGUYEN

TRELYN NGUYEN

SMRITI SURESH PANCHAL

SANJANA RAJ \*

VITTO RESNICK \*

JEDRIC THOMAS REYES

ISABELLA MARIE RUIZ

KAYLEE SEO ^

SOFIA ANNA SKINAS

MATTHEW REMINGTON SPANKOWSKI

CAMERON S TAE

SOFIA ALESA TASCA

JULIA BELLE TRAVIS

ASHLEY TSAI

SAINJARGAL UUGANBAYAR

VICTORIA WAT

JENNIFER WONG

ANNE XU

CELESTE YEN \*

GERALDINE YUE

GABRIEL ARTHUR ZAKARYAN

SAMA NOOR ZAZAI

SHIMIN ZHANG



## NUTRITIONAL SCIENCES - TOXICOLOGY

WESLEY D CHOW  
SEOHYEONG LEE +  
CLEO LIN  
JACOB ANTONIO PEREZ  
CARLA YAZMIN RIVERA  
SORAYA RUTH EL SISSI SUTTON

MICHAEL TU  
COLE WHANG \*  
HALIME DUYGU YILMAZ  
SANAZ ZARE  
WENQI (ELLEN) ZUO +

## DEPARTMENT OF PLANT & MICROBIAL BIOLOGY

---

### GENETICS & PLANT BIOLOGY

LAURA ALEXIS ALBORNOZ  
MONICA FELIZ CHENG ANTONIO  
NICOLAS YOHAN AZOULAY  
ANTHONY BANDUCCI  
SOPHIA (KIMI) BOURESTON  
HOPE HIYORI CUMMINGS  
BEATRICE CUNDIFF  
JACQUELINE ANASTASIA FENNER  
ALEXIS NICOLAS FLORES  
YORDI ROBERTO GIL SANTOS  
RAINA MARIE JAPAY  
XINYIN LU + >  
HEDY MAH  
ASHLEY MARITATO

GABRIEL MCADAMS  
MARLEE NOELLE MEEK  
MIGUEL MENDOZA MORENO  
REINE YOLANDE NGNONSSE  
ALEXIS L OCONNOR  
REBECKAH ROSE RUBANOWITZ +  
SUPRIYA SARIPELLA  
CHLOE SARAH SOWDER  
JO EMERICK TORREY  
MARCUS JAMES MICHAEL VARNI  
MEGAN NATALIE WALDICHUK  
IVAN WANG  
BRIAN YANG  
FARRAH YEE

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# DEPARTMENT OF PLANT & MICROBIAL BIOLOGY

## MICROBIAL BIOLOGY

NINA LOURENÇO ABERS	RUSUL HADI
MALLAK ALI	SURABHI HANIYUR *
ALI ALIMI	DAVID ALEJANDRO HERNANDEZ PARRA
OZIOMA CATHERINE OLUEBUBE ANYANWU	IFEOLUWA MORENIKEJI IBITOKUN
HILAL BASEM AQRA	BRYCE SAMUEL JACKS
AROEMELLO ARAUJO	CLAIRE ELIZABETH JENKINS
AZEETA BANCE *	DANA JIAN
LIZETTE BARRAGAN CERVANTES	HIMANSHU KAIRAM
ALYSHA BATADA	TIMOTHY KIM
AINSLEIGH SANCHEZ BEARD	ALEXANDER O'DONNELL KING
ISABELLA BRAGA	JINA KOH
JULIET ARLENE CAPRIOLA ^	EMMA RILEY LALOR
SHANNON CHANG ^	CRYSTAL TRAN LE
JESSICA B CHEN	MICHELA LEE
ERZHEN CHEN ^	MEGAN SYNIVIE LY
YICHI ELLA CHEN	JULIANN NGOC LY
CARLANGELO JESSE-EDA CONSTE	ELLEN ROSE MALHAM *
ELIZABETH GOMEZ CORTEZ	ADAM MARTINEZ JR
KRISTEL COSIO	SAMANTHA ANNALIESE McDONOUGH *
TARA KOTONE KA'ONOHIMAKAMAE DESA	ARASH ALI MOHAMMADY
ISHAAN DUREJA ^	ASAMI NELSON
HANNAH RAY FAHUNA	ANDREA ISABEL NERI
NIYAT GHEBRETINSAE	BRIGITTA NGUYEN
CECILIA RAYMONDE PONTEJOS GONZALEZ	ERIC LAM NGUYEN
SHLOK GORE	CRYSTAL NGOC PHUONG NGUYEN
JENNY MARIASUNCION GRANERA	ITZEL OLMEDO ROBLES
KEVIN GRECO	RAGHAD O. ELSAFI OSMAN
NATALEE ISABELLA GUERRA	TATSUYA OSONE
	ANN MARY PALAYUR
	TANMAYI PATHARKAR *
	BARBIE LISETTE PETERS

\* INDICATES DISTINCTION IN GENERAL SCHOLARSHIP AT GRADUATION (3.869 GPA+)

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# MICROBIAL BIOLOGY

FRANCESCA DANIELLE PORTIZ	MICHAEL HENRY VERDOLIN *
MACEO POWERS	MARIIA VOROBEVA
TRINITY KEALANI REIMER	DANIEL VORONEL
CATHERINE RHA ^	KEVIN QIXIANG WANG
TAMARA ANDREA RYCHKOV	MONICA QI RONG WANG
SHAHAR SCHWARTZ *	LUCAS KUO WOBIG
HENRY JOHN SEABORNE	RENEE CARA CHOI WOLFF *
NICOLE ASHLEY SEARS	YUSHI WU
ANANT KUMAR SHERWAL	REBECCA YILMA
MIYA SHI	CHANHEE YOON
CINTHIA ELIZABETH SILVEIRA	XIANGLIN YU
JULIANNA KEADAVIET SITHA	CHRISTOPHER YUAN
MATTHEW REMINGTON SPANKOWSKI	YU ZHANG
XIN TANG	XUE YING ZHU LI
JOSEPH LEONARD TECSON	

## HONORS RESEARCH PROGRAM STUDENTS

*The following undergraduate students completed the Rausser College of Natural Resources Honors Program. They maintained a record of high academic achievement and designed and conducted a year-long research project with college faculty.*

NEIDA ALDANA-FELIX, Society & Environment  
ZAID ANSARI, Nutritional Sciences - Toxicology  
TESSA MICHELLE AUER, Environmental Sciences  
NATALIE ANNA KOLLER AVIDA, Environmental Sciences  
EMILY BANNO, Molecular Environmental Biology  
KIRAN BENGARD, Conservation & Resource Studies  
MAX BILLAT, Environmental Sciences  
GRACE BOYD, Environmental Sciences  
MALENA BUFFAGNI, Society and Environment;  
Environmental Economics & Policy  
MAGGIE CHENG, Nutritional Sciences - Toxicology;  
Molecular & Cell Biology

# HONORS RESEARCH PROGRAM STUDENTS

ELENA CAMPELL, Environmental Sciences

SARAH CASO, Environmental Sciences

LOUIS CIMMINO, Ecosystem Management & Forestry

ENZO CREMERS, Environmental Economics & Policy; Applied Math

ISABELLE DO, Ecosystem Management & Forestry;

Molecular Environmental Biology

TIENA MEI ELIAS, Environmental Sciences

ALEX FARROW, Microbial Biology

ABIGAIL FERNANDES, Molecular Environmental Biology

ALEXANDRA JADE GARCIA, Society & Environment

ISABEL JO GATDULA, Environmental Sciences

LANIE GOLDBERG, Environmental Economics & Policy

IAN GRACE, Society & Environment

PETER GRINDE-HOLLEVIK, Environmental Economics & Policy; Data Science

LUNA HOHNER-SHIELDS, Society & Environment

KHRISTINA HOLTERMAN, Conservation & Resource Studies

GRETEL ERIKA HUBER, Environmental Sciences

MEGAN YEOJIN HUR, Environmental Sciences

PATRICK THEODORE JACOBSON, Environmental Sciences

IVANNI JAMIN, Environmental Sciences

DANA JIAN, Microbial Biology

AMY JOHNSON, Conservation & Resource Studies; Political Science

DIANA KALANTAR, Molecular Environmental Biology

MEG KALAW, Environmental Sciences

TASNEEM KHALAK, Environmental Sciences

Angela An Kou, Environmental Sciences

HAYLEY AUDREY LAI, Environmental Sciences

MICHELA LEE, Microbial Biology

Note: Underlined names are the Spring 2024 Melis Medal Recipients

# **HONORS RESEARCH PROGRAM STUDENTS**

KELSEY LAUREN LEET, Environmental Sciences  
ALEXANDER JAMES LEVY, Environmental Sciences  
BRANDON LIN, Environmental Sciences  
CLAIRE LIU, Environmental Sciences  
JESSICA LIU, Environmental Economics & Policy  
XINYIN LU, Genetics & Plant Biology; Philosophy  
MEGAN LY, Microbial Biology  
DHRUTHI SRI MANDAVILLI, Environmental Sciences  
ISABEL MARTHA MARTIN, Environmental Sciences  
JADE Yael MARUM, Environmental Sciences  
MADDEN MILLER, Society & Environment  
TYLER MISRAJE, Molecular Environmental Biology  
SARAH NG, Environmental Economics & Policy  
TIA FAYE PAPPAS, Environmental Sciences  
AKSHAY SAHIL PATEL, Environmental Sciences  
SHANNON PAULSON, Environmental Economics & Policy  
KARIS POLFER - Environmental Sciences  
JACQUELINE RAMOS, Conservation & Resource Studies  
OWAIN ROSE, Molecular Environmental Biology  
MINA PENELOPE ROSSMAN - Environmental Sciences  
REBECKAH RUBANOWITZ, Genetics & Plant Biology  
NAYELI VERONIA RUBIO - Environmental Sciences  
SABI CAN RUSO - Environmental Sciences  
SHAHAR SCHWARTZ, Microbial Biology  
HENRY SEABORNE, Microbial Biology; Public Health  
BLANCA SEITER, Conservation & Resource Studies

# **HONORS RESEARCH PROGRAM STUDENTS**

ABI SHIVA - Environmental Sciences

JERRY SUN - Environmental Sciences

XIANGRONG SUN - Environmental Sciences

MARA GREENE ST. AMANT - Environmental Sciences

VIOLET TAHSINI - Environmental Sciences

JIAWEN TANG - Environmental Sciences

JILLYAN TANG, Molecular Environmental Biology

CONNOR TSENG, Molecular Environmental Biology

JENNY TSENG - Environmental Sciences

SAINJARGAL UUGANBAYAR, Nutritional Science - Toxicology

WILL CARLOS MORGAN URRUTIA - Environmental Sciences

MICHAEL VERDOLIN, Microbial Biology

IAN STONE WANG - Environmental Sciences

BENJAMIN WEINBERGER - Environmental Sciences

MEGAN WESCHE, Society & Environment;

Conservation & Resource Studies

FINNIAN GRACE WHELAN - Environmental Sciences

Rachel Whiteside, Conservation & Resource Studies

SANDYA WIJAYA - Environmental Sciences

STELLA WING, Conservation & Resource Studies

LUCAS WOBIG, Microbial Biology

RACHEL WONG, Conservation & Resource Studies

BRITNEY RACHEL WU - Environmental Sciences

ETHAN XIE - Environmental Sciences

ALINA LETICIA ZARATE - Environmental Sciences

## **DEPARTMENTAL CITATIONS**

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Departmental Citations are given in recognition of distinguished undergraduate work by the department bestowing this award.

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### **AGRICULTURAL & RESOURCE ECONOMICS**

Lanie Goldberg

### **ENVIRONMENTAL SCIENCE, POLICY, & MANAGEMENT**

Alina Zarate

### **PLANT & MICROBIAL BIOLOGY**

Xinyin Lu

### **NUTRITIONAL SCIENCES & TOXICOLOGY**

Maggie Cheng

## **MAJOR CITATIONS**

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Awarded to the top graduating senior in each major.

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**CONSERVATION & RESOURCE STUDIES:** Rachel Whiteside

**ECOSYSTEM MANAGEMENT & FORESTRY:** Anya Cutter

**ENVIRONMENTAL ECONOMICS & POLICY:** Tia Pappas

**ENVIRONMENTAL SCIENCES:** Alina Zarate

**GENETICS & PLANT BIOLOGY:** Xinyin Lu

**MICROBIAL BIOLOGY:** Ishaan Dureja

**MOLECULAR ENVIRONMENTAL BIOLOGY:** Aunnesha Bhowmick

**NUTRITIONAL SCIENCES-DIETETICS:** Lola Yasin

**NUTRITIONAL SCIENCES-PHYSIOLOGY & METABOLISM:** Maggie Cheng

**SOCIETY & ENVIRONMENT:** Marta Tobar

## **KENNETH L. BABCOCK PRIZE IN ENVIRONMENTAL SCIENCE**

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Awarded to outstanding graduating seniors in the field of Environmental Science.

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Jade Marum, Environmental Sciences

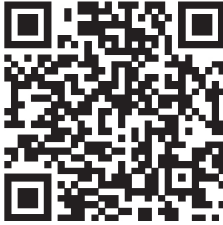
Yiyan Hao, Molecular Environmental Biology

Vivian Lee, Molecular Environmental Biology

**CONGRATULATIONS ON YOUR ACHIEVEMENTS!**

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Welcome to the Rausser  
College Alumni Association.



Join our LinkedIn alumni  
group to keep in touch!

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To ensure uninterrupted access to your Berkeley email account, look out for an annual email to renew your account. Notifications will commence as you approach the end of the 9-month grace period in February 2025. Reduce your total storage to below 5 GB.

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**GO BEARS!**





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gradimages.com or call 1-800-261-2576.

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## **SPECIAL THANKS**

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Bay Streaming

Cal Performances

GradImages

Krishna Copy Center, University Avenue

Commencement Volunteers

*Program Creation by: RCNR Student Workers & Intake Advisor Craig Crossley*

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## **BREAKTHROUGHS MAGAZINE**



Our alumni magazine features Rausser College faculty, students, and alumni. Read our special issue commemorating the 50th anniversary of the College of Natural Resources online.

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*Restrooms are located at north and south entrances of the Hearst Greek Theatre.*