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# AWARDS CEREMONY



Department of Physics and Astronomy  
UC Irvine  
3:30pm, 3 June 2021

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**TO ALL PHYSICS AND ASTRONOMY DEPARTMENT  
STUDENTS, STAFF, FACULTY, FRIENDS, AND FAMILY**

**WELCOME!**

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**[PLEASE NOTE THAT THIS CEREMONY IS BEING RECORDED]**

# THANKS

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- **AWARDS COMMITTEE** JONATHAN FENG\*, PAUL ROBERTSON, ANYES TAFFARD, TOSHI TAJIMA, RUQIAN WU, CLARE YU, ALISON LARA, DON WILLIAMS
- **SLIDE SHOW** ALEJANDRA DIAZ, ARIES MAGANA, JONAS SHULTZ
- **AWARDS CEREMONY** DEBBIE ALLEN, CHRISTINA DINH, ADA RAMIREZ, CHRIS ALLAN, JIM DAO AND THE PS COMPUTING SERVICES GROUP
- **UNDERGRADUATE EDUCATION COMMITTEE** DAVE CASPER, PHIL COLLINS, BILL HEIDBRINK, ZUZANNA SIWY\*, TAMMY SMECKER-HANE, LAURA TUCKER, STEVE WHITE, DANIEL WHITESON
- **GRADUATE STUDIES COMMITTEE** JUN ALLARD, DAVID BUOTE, MU-CHUN CHEN\*, ILYA KRIVOROTOV, ZHIHONG LIN, ARVIND RAJARMAN
- **DEPARTMENT CHAIR** TIM TAIT

# **AGENDA**

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**BREAKOUT SESSION**

**UNDERGRADUATE STUDENTS**

**GRADUATE STUDENTS**

**STAFF**

**FACULTY**

---

# UNDERGRADUATE STUDENTS



# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

---

PRESENTED  
BY  
PROFESSOR LAURA TUCKER

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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SHASHA ARANI

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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CHRISTINE CARO

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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ALYSSA CHAN

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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STEPHEN COFFEY

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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ELVIRA CRUZ-CRUZ

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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LUCY DAVIS

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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NATALI FISHER

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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KYLER FRAZIER

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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CATALINA HELMY

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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**SALMA IDRUS**

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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NICHOLAS JABER

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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CARLTON KIM

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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WEI LI

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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JERRY LIU

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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YINING LIU

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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THEO MACKEY

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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MASON MARKLEY

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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ANDY PARK

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

---



MEAD PUCKETT

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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JENNIE RAO

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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MARK ROJAS

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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GIOVANNY ROSALES

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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AL SNOW

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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JILLIAN VILLA

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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LESHAN ZHAO

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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STEVEN CRISOSTOMO (GRAD FELLOW)

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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YASMEEN MUSTHAFA (GRAD FELLOW)

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

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REBECCA RILEY (GRAD FELLOW)

# RESONANCE UNDERGRADUATE FELLOWS AND MENTORS

---

LUCAS MOORE

GABI VASS

# RESONANCE FELLOWS AND MENTORS CONGRATULATIONS!

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SHASHA ARANI  
CHRISTINE CARO  
ALYSSA CHAN  
STEPHEN COFFEY  
ELVIRA CRUZ-CRUZ  
LUCY DAVIS  
NATALI FISHER  
KYLER FRAZIER  
CATALINA HELMY  
SALMA IDRUS  
NICHOLAS JABER  
CARLTON KIM  
WEI LI  
JERRY LIU

YINING LIU  
THEO MACKEY  
MASON MARKLEY  
LUCAS MOORE  
ANDY PARK  
MEAD PUCKETT  
JENNIE RAO  
MARK ROJAS  
GIOVANNY ROSALES  
AL SNOW  
GABRIELLA VASS  
DANIEL VEGA  
JILLIAN VILLA  
LESHAN ZHAO

## GRAD FELLOWS

STEVEN CRISOSTOMO, YASMEEN MUSTHAFI, REBECCA RILEY

# **CLUB LEADERS**

---

## **SOCIETY OF PHYSICS STUDENTS**

PROFESSOR JIANMING BIAN, FACULTY ADVISOR

## **ASTRONOMY CLUB**

PROFESSOR TAMMY SMECKER-HANE, FACULTY ADVISOR

# SOCIETY OF PHYSICS STUDENTS

---



STEPHEN COFFEY  
PRESIDENT



KEVIN GILL  
SECRETARY



MAHAM HASIB  
TREASURER

# ASTRONOMY CLUB

---



ELVIRA CRUZ-CRUZ  
PRESIDENT



LUCY DAVIS  
VICE PRESIDENT

# **CLUB LEADERS CONGRATULATIONS!**

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KEVIN GILL (SECRETARY)

MAHAM HASIB (TREASURER)

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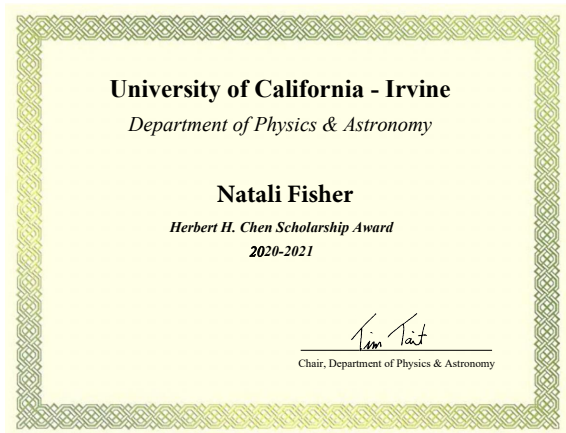
## **ASTRONOMY CLUB**

ELVIRA CRUZ-CRUZ (PRESIDENT)

LUCY DAVIS (VICE PRESIDENT)

PROFESSOR TAMMY SMECKER-HANE, FACULTY ADVISOR

# HERBERT H. CHEN SCHOLARSHIP AWARD



**NATALI FISHER**

**REMARKS BY CATHY CHEN**

# PHI BETA KAPPA INDUCTEES

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2020: MICHELLE FICHT (JUNIOR INDUCTEE)

# PHI BETA KAPPA INDUCTEES

---



2021: SHASHA ARANI (JUNIOR INDUCTEE)

# PHI BETA KAPPA INDUCTEES

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2021: JUSTIN HANNA (SENIOR INDUCTEE)

# PHI BETA KAPPA INDUCTEES

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2021: ERIK HANSEN (SENIOR INDUCTEE)

# PHI BETA KAPPA INDUCTEES

---

2021: CARSEN GORE (SENIOR INDUCTEE)

# PHI BETA KAPPA CONGRATULATIONS!

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2020

MICHELLE FICHT (JUNIOR INDUCTEE)

2021

SHASHA ARANI (JUNIOR INDUCTEE)

CARSEN GORE (SENIOR INDUCTEE)

JUSTIN HANNA (SENIOR INDUCTEE)

ERIK HANSEN (SENIOR INDUCTEE)

# SIGMA PI SIGMA NOMINEES

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PRESENTED  
BY  
PROFESSOR CLARE YU

# SIGMA PI SIGMA NOMINEES

---



CIARAN AGUIRRE-STANTON

# SIGMA PI SIGMA NOMINEES

---



HENRY AMIR

# SIGMA PI SIGMA NOMINEES

---



CHRISTINE CARO

# SIGMA PI SIGMA NOMINEES

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TIANSHU CHU

# SIGMA PI SIGMA NOMINEES

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LUCY DAVIS

# SIGMA PI SIGMA NOMINEES

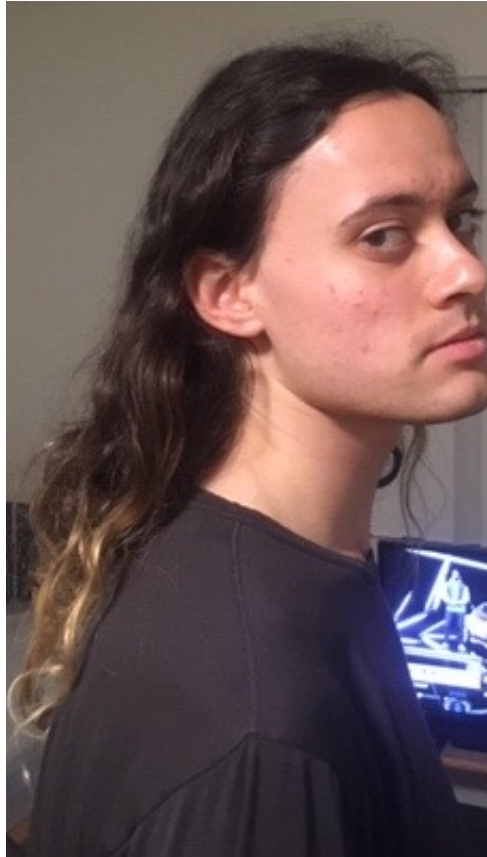
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JIAFENG DU

# SIGMA PI SIGMA NOMINEES

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IRA ESSERMAN

# SIGMA PI SIGMA NOMINEES

---



**MICHELLE FICHT**

# SIGMA PI SIGMA NOMINEES

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KYLER FRAZIER

# SIGMA PI SIGMA NOMINEES

---



OFEK GILA

# SIGMA PI SIGMA NOMINEES

---



JUSTIN HANNA

# SIGMA PI SIGMA NOMINEES

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ERIK HANSEN

# SIGMA PI SIGMA NOMINEES

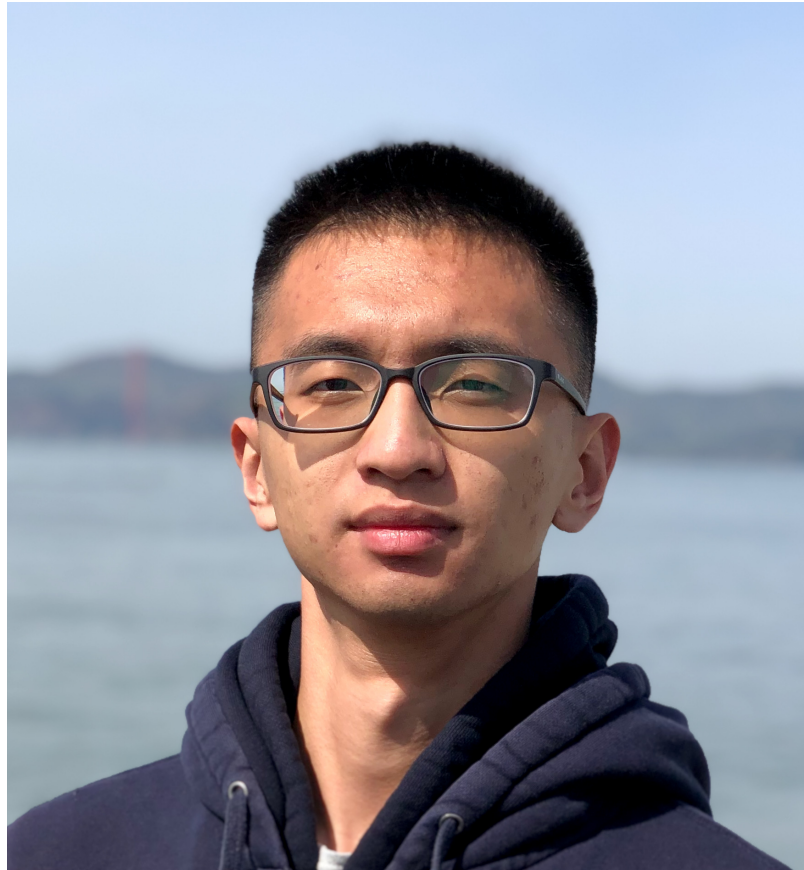
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MARIO HERNANDEZ QUEZADA

# SIGMA PI SIGMA NOMINEES

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YIFENG HUANG

# SIGMA PI SIGMA NOMINEES

---



CARLTON KIM

# SIGMA PI SIGMA NOMINEES

---



CALEB LEINZ

# SIGMA PI SIGMA NOMINEES

---



JERRY LIU

# SIGMA PI SIGMA NOMINEES

---



**DAMIEN MCGUIRE**

# SIGMA PI SIGMA NOMINEES

---



**AL SNOW**

# SIGMA PI SIGMA NOMINEES

---



CONGJIE WANG

# SIGMA PI SIGMA NOMINEES

---



ZHAOYU WU

# SIGMA PI SIGMA NOMINEES

---

TANIOS AYOUB  
JOSHUA CHANG  
ALPHONSE DO  
NHAN DOAN  
BRIAN FONG  
CARSEN GORE  
YANSONG HUANG  
YANHE LI  
YIMING LIN  
JIAYI LIU  
TIAN LU  
JOSEPH MACHULCZ  
ZHIYU MAN  
ZILIN MAO

ANTHONY OCHOA  
CHANYUK PARK  
YI REN  
NICHOLAS SCHOTTLE  
XINZE SHI  
DAOHANG TONG  
JOSE TORRES  
EMILY VU  
MARCUS WONG  
YU XIA  
YUZHENG XIE  
CHENJUN XU  
CHENG ZHANG  
YUZHOU ZHAO

# SIGMA PI SIGMA NOMINEES

## CONGRATULATIONS!

---

CIARAN AGUIRRE-STANTON

HENRY AMIR  
TANIOS AYOUB  
CHRISTINE CARO  
JOSHUA CHANG  
TIANSHU CHU  
LUCY DAVIS  
ALPHONSE DO  
NHAN DOAN  
JIAFENG DU  
IRA ESSERMAN  
MICHELLE FICHT  
BRIAN FONG  
KYLER FRAZIER  
OFEK GILA  
CARSEN GORE  
JUSTIN HANNA

ERIK HANSEN  
MARIO HERNANDEZ QUEZADA  
YANSONG HUANG  
YIFENG HUANG  
CARLTON KIM  
CALEB LEINZ  
YANHE LI  
YIMING LIN  
JERRY LIU  
JIAYI LIU  
TIAN LU  
JOSEPH MACHULCZ  
ZHIYU MAN  
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MARCUS WONG  
ZHAOYU WU  
YU XIA  
YUZHENG XIE  
CHENJUN XU  
CHENG ZHANG  
YUZHOU ZHAO

# SENIORS ELIGIBLE FOR LATIN HONORS

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JUSTIN HANNA (CUM LAUDE)

# SENIORS ELIGIBLE FOR LATIN HONORS

---



ZHAOYU WU (CUM LAUDE)

# SENIORS ELIGIBLE FOR LATIN HONORS

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**MICHELLE FICHT (MAGNA CUM LAUDE)**

# SENIORS ELIGIBLE FOR LATIN HONORS

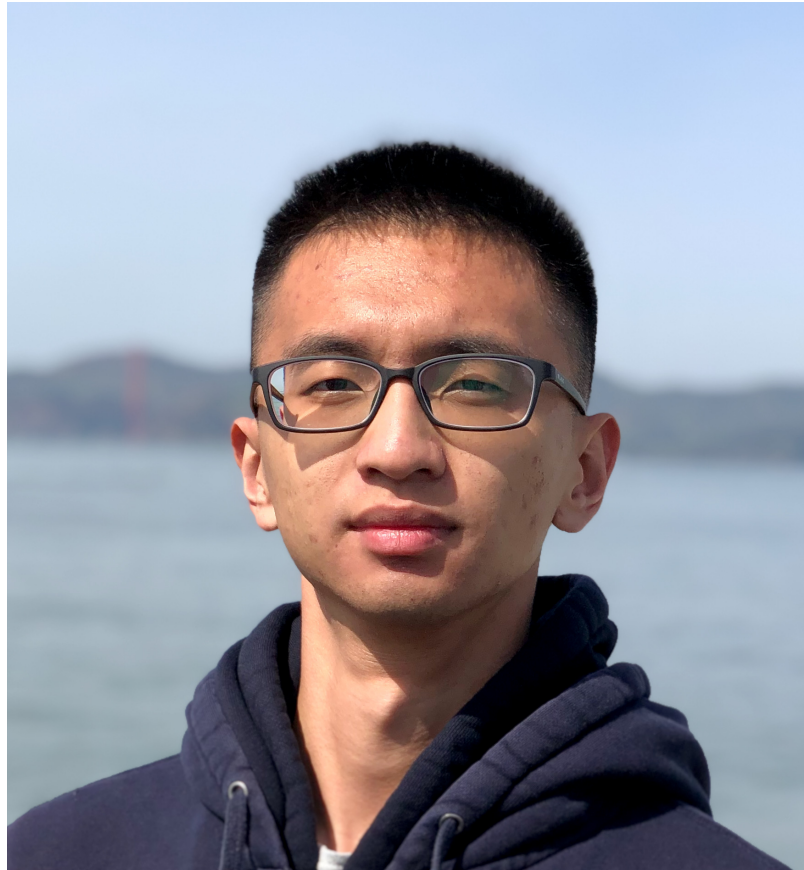
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KYLER FRAZIER (MAGNA CUM LAUDE)

# SENIORS ELIGIBLE FOR LATIN HONORS

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**YIFENG HUANG (MAGNA CUM LAUDE)**

# SENIORS ELIGIBLE FOR LATIN HONORS

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OFEK GILA (SUMMA CUM LAUDE)

# SENIORS ELIGIBLE FOR LATIN HONORS

---



ERIK HANSEN (SUMMA CUM LAUDE)

# SENIORS ELIGIBLE FOR LATIN HONORS

---

## **CUM LAUDE**

TANIOS AYOUB  
JOSHUA CHANG  
BRIAN FONG  
JIAYI LIU  
JOSEPH MACHULCZ  
YUZHOU ZHAO

## **MAGNA CUM LAUDE**

YIMING LIN  
TIAN LU  
YU XIA

# SENIORS ELIGIBLE FOR LATIN HONORS CONGRATULATIONS!

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## **CUM LAUDE**

TANIOS AYOUB  
JOSHUA CHANG  
BRIAN FONG  
JIAYI LIU  
JOSEPH MACHULCZ  
YUZHOU ZHAO

## **MAGNA CUM LAUDE**

MICHELLE FICHT  
KYLER FRAZIER  
YIFENG HUANG  
YIMING LIN  
TIAN LU  
YU XIA

## **SUMMA CUM LAUDE**

OFEK GILA  
ERIK HANSEN

# SENIORS GRADUATING WITH HONORS

---



KYLER FRAZIER

# SENIORS GRADUATING WITH HONORS

---



ERIK HANSEN

# SENIORS GRADUATING WITH HONORS

---



CALEB LEINZ

# SENIORS GRADUATING WITH HONORS

---



AL SNOW

# SENIORS GRADUATING WITH HONORS

---

CHANHYUK PARK

MARCUS WONG

# SENIORS GRADUATING WITH HONORS CONGRATULATIONS!

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KYLER FRAZIER  
ERIK HANSEN  
CALEB LEINZ  
CHANHYUK PARK  
AL SNOW  
MARCUS WONG

# CHANCELLOR'S AWARD FOR EXCELLENCE IN RESEARCH

---



**MARIO HERNANDEZ QUEZADA**

# OUTSTANDING GRADUATING SENIOR SERVICE AWARD

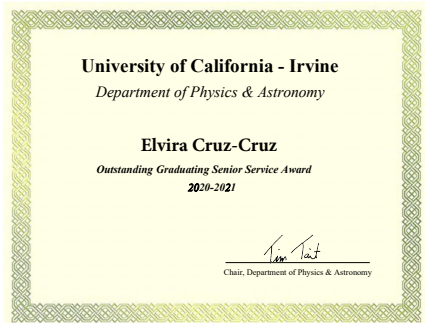


**HENRY AMIR**



# OUTSTANDING GRADUATING SENIOR SERVICE AWARD

---



## ELVIRA CRUZ-CRUZ

# OUTSTANDING GRADUATING SENIOR RESEARCH AWARD



**MICHELLE FICHT**



# OUTSTANDING GRADUATING SENIOR SCHOLARSHIP AWARD



## CARSEN GORE

---

# GRADUATE STUDENT AWARDS



# PACE MENTORS

---

PROFESSOR FRANKLIN DOLLAR  
PROFESSOR STEPH SALLUM  
FACULTY ADVISORS

# PACE MENTORS

---



ASTRID ANKER

# PACE MENTORS

---



JASON ARAKAWA

# PACE MENTORS

---



ABBY BAULT

# PACE MENTORS

---



JASON BARETZ

# PACE MENTORS

---



ANNE-KATHERINE BURNS

# PACE MENTORS

---



NICHOLAS DUONG

# PACE MENTORS

---



MARK HAYWARD

# PACE MENTORS

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JESSICA HOWARD

# PACE MENTORS

---



KYLE KABASARES

# PACE MENTORS

---



**COURTNEY KLEIN**

# PACE MENTORS

---



JASMIN KWAK

# PACE MENTORS

---



ROBERTO MANDUJANO

# PACE MENTORS

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YASMEEN MUSTAFA

# PACE MENTORS

---



SOPHIA NASR

# PACE MENTORS

---



AMY RALSTON

# PACE MENTORS

---



MICHAEL SEGGEBRUCH

# PACE MENTORS

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MAYA SILVERMAN

# PACE MENTORS

---



WENHAO WANG

# PACE MENTORS

---



JACK LUBIN (LEADER)

# PACE MENTORS

---



**STEPHANIE STAWINSKI (LEADER)**

# PACE MENTORS

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DEVONTAE BAXTER (LEADER)

# PACE MENTORS

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FRANCISCO MERCADO (LEADER)

# PACE MENTORS

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**ARIANNA LONG (FOUNDER)**

# PACE MENTORS

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KATY WIMBERLY (FOUNDER)

# PACE MENTORS

---

ANDREW BARABAS

MARSHALL CAMPBELL

EMMA FRANTZ

DYLAN GREEN

ADREJA MONDOL

MANUEL PAUL

ROBERT WELSER

AMY WU

# PACE MENTORS

## CONGRATULATIONS!

---

ASTRID ANKER  
JASON ARAKAWA  
ABBY BAULT  
ANDREW BARABAS  
JASON BARETZ  
ANNE-KATHERINE BURNS  
MARSHALL CAMPBELL  
NICHOLAS DUONG  
EMMA FRANTZ  
DYLAN GREEN  
MARK HAYWARD  
JESSICA HOWARD  
KYLE KABASARES  
COURTNEY KLEIN  
JASMIN KWAK  
ROBERTO MANDUJANO  
ADREJA MONDOL  
YASMEEN MUSTAFA

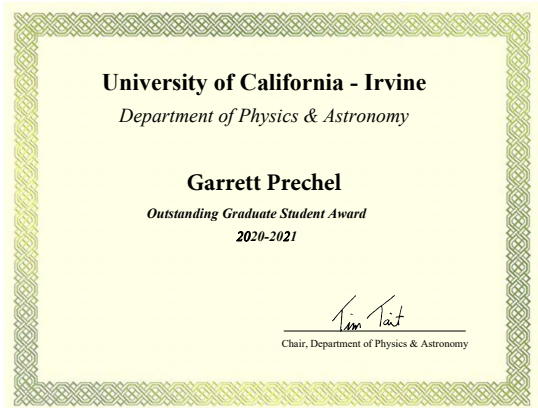
SOPHIA NASR  
MANUEL PAUL  
AMY RALSTON  
MICHAEL SEGGEBRUCH  
MAYA SILVERMAN  
WENHAO WANG  
ROBERT WELSER  
AMY WU

JACK LUBIN (LEADER)  
STEPHANIE STAWINSKI (LEADER)  
DEVONTAE BAXTER\* (LEADER)  
FRANCISCO MERCADO\* (LEADER)  
ARIANNA LONG\* (FOUNDER)  
KATY WIMBERLY\* (FOUNDER)

PROFESSOR FRANKLIN DOLLAR (ADVISOR)  
PROFESSOR STEPH SALLUM (ADVISOR)

\* NATIONAL OSTERBROCK LEADERSHIP PROGRAM FELLOW

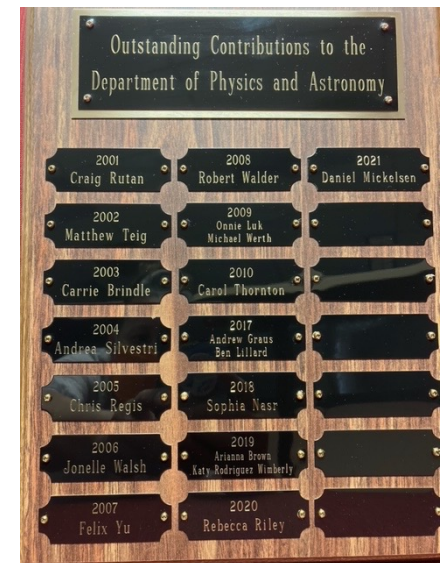
# OUTSTANDING GRADUATE STUDENT AWARD



**GARRETT PRECHEL**



# OUTSTANDING CONTRIBUTIONS TO THE DEPARTMENT



## DANIEL MICKELSEN

---

# STAFF AWARDS



# STAFF AWARDS

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**JOANNA MANCILLA (5 YEARS)**

# STAFF AWARDS

---



**JEFF GRISKEVICH (20 YEARS)**

# STAFF AWARDS

---



ALISON LARA (20 YEARS)

# STAFF AWARDS

---



**DEBBIE ALLEN (30 YEARS)**

# STAFF AWARDS: CONGRATULATIONS!

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JOANNA MANCILLA (5 YEARS)

JEFF GRISKEVICH (20 YEARS)

ALISON LARA (20 YEARS)

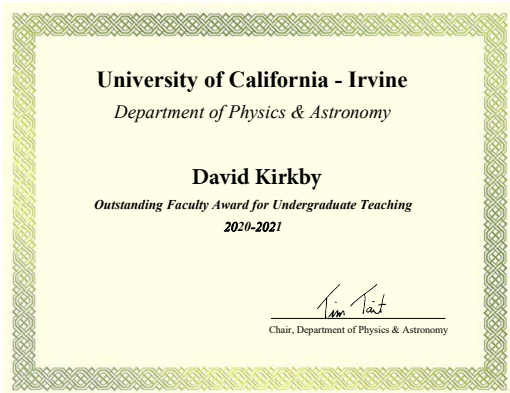
DEBBIE ALLEN (30 YEARS)

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# FACULTY AWARDS



# OUTSTANDING FACULTY AWARD FOR UNDERGRADUATE TEACHING



DAVID KIRKBY

# OUTSTANDING FACULTY AWARD FOR GRADUATE TEACHING

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MICHAEL RATZ



# FACULTY AWARDS

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ALBERT SIRYAPORN: 2021 CELEBRATION  
OF TEACHING DEAN'S HONOREE



PHIL COLLINS: 2020 DISTINGUISHED  
FACULTY AWARD FOR TEACHING

# FACULTY AWARDS

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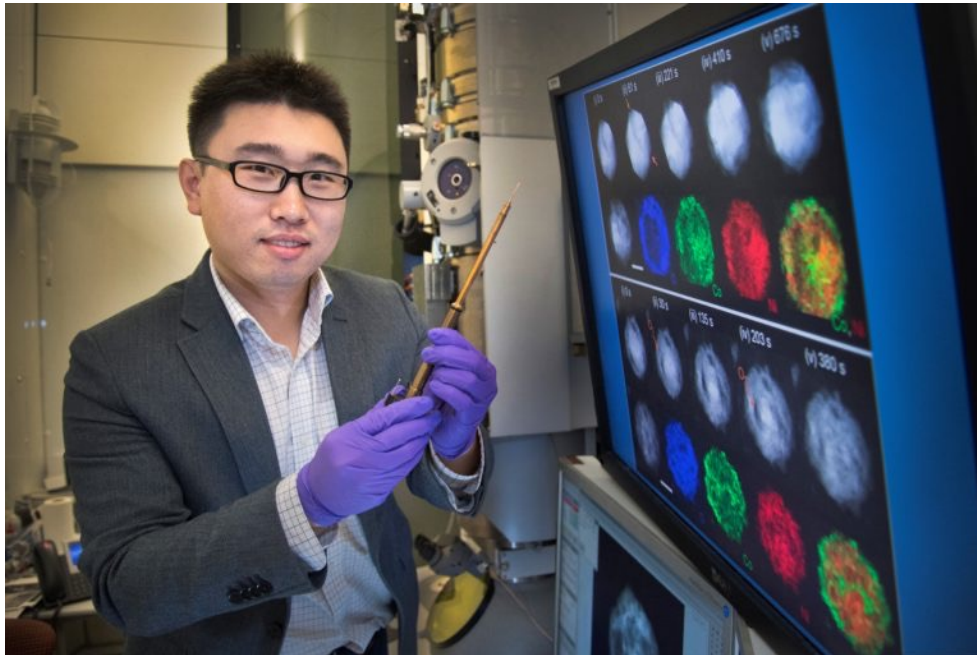
FRANKLIN DOLLAR: 2021 TOM  
ANGELL FELLOWSHIP FACULTY  
MENTORING AWARD



ZUZANNA SIWY: 2021 INAUGURAL  
CAROL CONNOR EQUITY ADVISOR  
IMPACT AWARD

# FACULTY AWARDS

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HUOLIN XIN

2021 DISTINGUISHED EARLY-CAREER FACULTY AWARD FOR RESEARCH  
(MATERIALS RESEARCH SOCIETY)

2021 BURTON MEDAL – PHYSICAL SCIENCES (MICROSCOPY SOCIETY OF  
AMERICA)

2021 BEALL INNOVATION AWARD IN THE PHYSICAL SCIENCES

# FACULTY AWARDS

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MANOJ KAPLINGHAT  
2020 APS FELLOW



ILYA KRIVOROTOV  
2020 APS FELLOW



TOSHI TAJIMA  
2020 OSA FELLOW

# FACULTY AWARDS

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CLARE YU: 2020 AMERICAN  
ASSOCIATION FOR THE  
ADVANCEMENT OF SCIENCE FELLOW



HANK SOBEL: 2021 W.K.H. PANOFSKY  
PRIZE IN EXPERIMENTAL PARTICLE  
PHYSICS (APS)

# **NEW EMERITUS FACULTY**

---

**PROFESSOR TAMMY SMECKER-HANE**

PRESENTED BY

PROFESSOR AARON BARTH AND ELVIRA CRUZ-CRUZ

**PROFESSOR ROGER MCWILLIAMS**

PRESENTED BY

PROFESSOR FRANKLIN DOLLAR

**PROFESSOR BILL MOLZON**

PRESENTED BY

PROFESSORS ANDY LANKFORD

# PROFESSOR TAMMY SMECKER-HANE

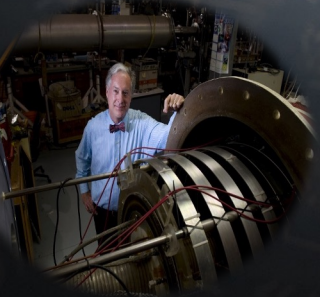


The Department of Physics and Astronomy thanks **Professor Tammy Smecker-Hane** for her many lasting contributions to undergraduate education, her leadership of the astronomy outreach program and of the UCI Observatory, and her role as a co-founder and co-director of the Cal-Bridge mentoring program.

# PROFESSOR ROGER MCWILLIAMS

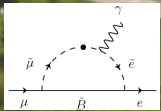
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Thank you for 40  
years of service



# PROFESSOR BILL MOLZON

UCI Academic Senate



The Department of Physics and Astronomy honors **Professor Bill Molzon** for his decades of outstanding contributions to, high standards for, and leadership in academics, service, and research, especially his initiative in admissions leading to a larger and better-prepared cohort of undergraduate majors, his mentorship of undergraduates in research, and his terms as Vice Chair and Chair of the Irvine Division of the Academic Senate.

# **NEW EMERITUS FACULTY CONGRATULATIONS!**

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PROFESSOR ROGER MCWILLIAMS

PROFESSOR BILL MOLZON

PROFESSOR TAMMY SMECKER-HANE

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# CONGRATULATIONS!



Awards Ceremony  
Department of Physics and Astronomy  
UC Irvine  
3 June 2021

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