

2021 – 2022

UNIVERSITY
credit union center

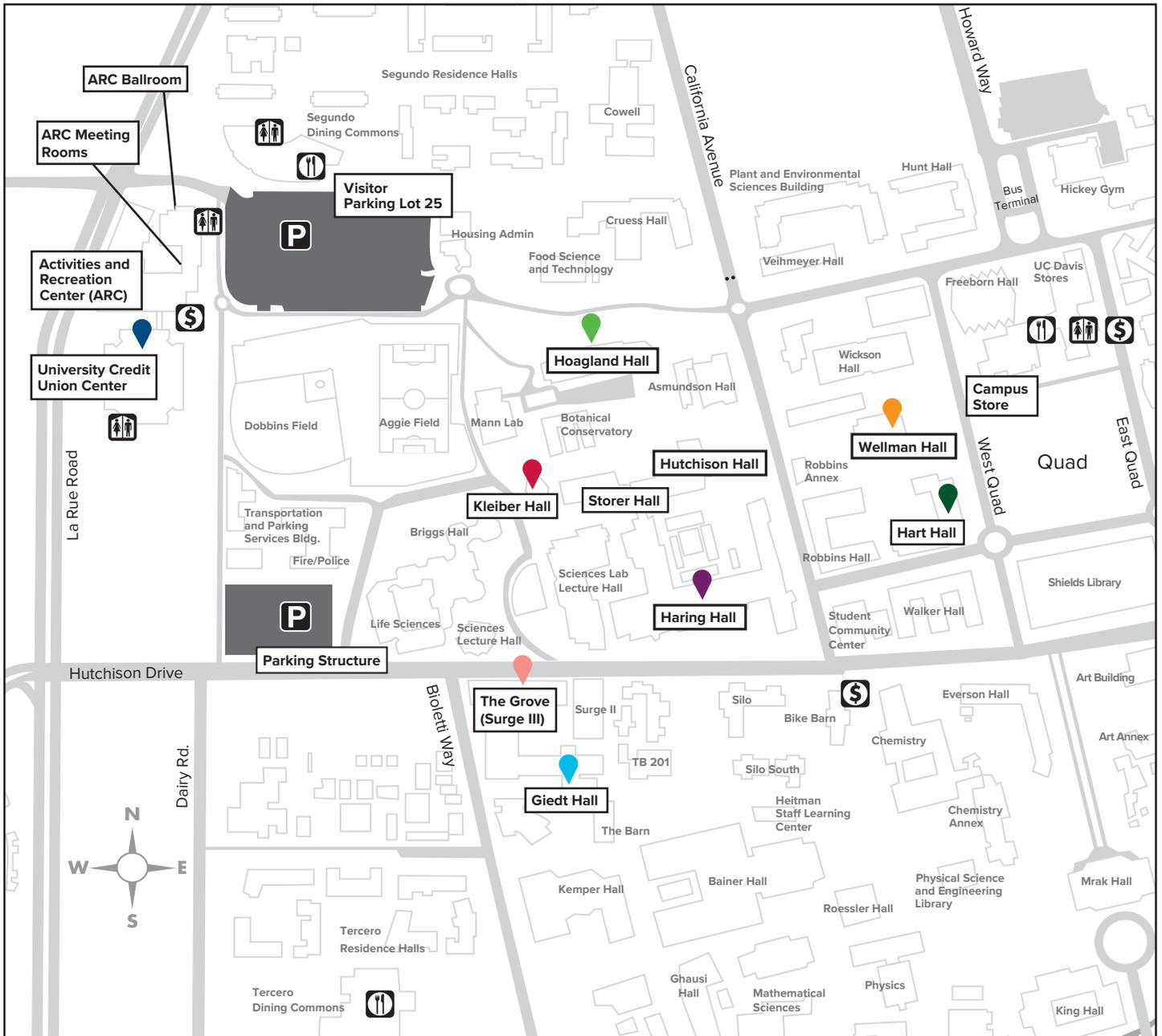
20th Annual

Cesar
CHAVEZ

YOUTH LEADERSHIP
CONFERENCE *and* CELEBRATION

UCDAVIS
UNIVERSITY OF CALIFORNIA





- University Credit Union Center
- Haring Hall
- Hart Hall
- Hoagland Hall
- Kleiber Hall
- Grove
- Giedt Hall
- Wellman Hall
-  Food
-  Free Parking
-  Restrooms
-  ATMs

Explore the UC Davis campus on a student-led tour and discover how UC Davis supports students. To join a campus tour, pick up a ticket at the tour table at registration.



Conference Schedule

📍 University Credit Union Center

- 7:30–8:50 AM Check-In and On-Site Registration**
- 8:50–9:00 AM Opening**
Mistress of Ceremonies: Ambassador Liliana Ferrer, Consul General of Mexico in Sacramento
- 9:00–9:10 AM Welcome**
Chancellor Gary S. May
Mayor Gloria Partida, City of Davis
- 9:10–9:30 AM Keynote I**
Regent Jose Hernandez, Board of Regents, University of California
- 9:30–9:40 AM Recognitions & Acknowledgements**
- 9:40–10:00 AM Keynote II**
Manuel Calderon de la Barca Sanchez, Professor of Physics
- 10:30–11:20 PM Workshop One**
Middle school student mandatory session.
Select elective workshop option for high school/community college students.
- 11:30–12:20 PM Workshop Two**
High school student mandatory session.
Select elective workshop option for middle school/community college students.
- 12:30–1:20 PM Workshop Three**
Community college student mandatory session.
Select elective workshop option for middle/high school students.
- 1:30–3:00 PM College Resource & Community Fair Lunch Hour: Cultural Entertainment**
Available at the upper corridor at the University Credit Union Center.
(Check-In/Registration Area)

Mandatory

📍 Wellman Hall 2, 6, 26, 106, 119

10:30 AM

College: Make it Happen!

Listen to an overview of career options and learn why good grades in middle school and high school are critical to college preparation. We will explore the four higher education systems in California — University of California (UC), California State University (CSU), California community colleges and private schools — and provide an overview of admission requirements for each.

📍 Wellman Hall 25

10:30 AM

College Link: Preparing for Success in Community College

Do you plan to attend California community college after high school? Get a jump start on the enrollment process and learn more about community college placement exams, orientation, course enrollment for career technical education, support services, associate degrees and requirements for transferring to a four-year institution

📍 Wellman Hall 2, 6, 26, 119

11:30 AM

College Admission 101: Becoming a Competitive Applicant

Explore the four higher education systems in California — University of California (UC), California State University (CSU), California community colleges and private schools — and their admission requirements. You will also hear examples of well-rounded applicants and review “a-g” admission requirements for the UC and CSU systems.

Elective Workshop Sessions

Wellman Hall 126

12:30 PM

Building Your First Budget

A well-designed budget is the best way for you to reach your goals and achieve financial independence without having to sacrifice all of life's pleasures. Budgeting means analyzing the income you have coming in, and then developing a reasonable plan for what goes out. Essentially, a budget is a tool to make the most out of your money. With it, you will be able to identify and eliminate wasteful spending while keeping and even adding to those expenses that are truly important to you.

Hart Hall 1128

10:30 AM
11:30 AM
12:30 PM

California State University Presentation

Learn more about the CSU freshmen and transfer admissions, the application process, financial aid resources, timelines and test requirements. Also learn about special programs available to you and a student like EOP (low-income) and College Assistance Migrant Program (CAMP) for families from migrant/agricultural background

Hart Hall 1116

11:30 AM

Enrolling to a California Community College as a Dreamer

Steps to enroll to a California Community College. If you're considering attending a community college, join us to learn more about how the system works and what to expect.

Wellman Hall 25

12:30 PM

Ensuring the Dream: University of California Support of Undocumented Students

College is more than a dream. Learn about the services and opportunities available within the UC system to help undocumented students get into college and succeed.

Hoagland Hall 108

10:30 AM
11:30 AM
12:30 PM

Environmental Justice 101 – How communities of color can make a difference!

Environmental racism happens in some of the poorest communities where people of color live and work. Learn how students and residents throughout California can engage in creating awareness to build healthier neighborhoods by fighting high concentrations of pollution through the transformative experience of community organizing.

Hart Hall 1150

10:30 AM
11:30 AM

Financial Aid and You – Ayuda Financiera y Usted

Wondering how you can pay for college? Join us to discuss financial aid tips and tricks to illustrate how college is feasible for everyone.

Giedt Hall 1006, 1007

10:30 AM
11:30 AM

Financial Aid – Start to Finish

In this presentation offered by the California Student Aid Commission, students and parents will learn about the types and sources of financial aid, how to apply for aid, how to keep aid once it is awarded, and what aid can be spent on.

The Grove 1309

10:30 AM
11:30 AM
12:30 PM

Finding Your Path to a STEM Career!

Come listen to this panel discussion between current undergraduate scholars in Science, Technology, Engineering, and Math (STEM) fields. Many are first generation college students involved in MESA Leadership Programs. The panel will also consist of a few guests who are MESA graduates and current professionals within the STEM industry.

Hart Hall 1116

10:30 AM

Introduction to Enrolling to a California Community College

Steps to enroll to a California Community College. If you're considering attending a community college, join us to learn more about how the system works and what to expect.

Hart Hall 1130

10:30 AM

La Cultura Cura: Introduction to the Aztec Calendar

Develop an understanding of the calendar system used by Aztecs and pre-Columbian peoples of central Mexico. You will learn how to read the calendar and how our ancestors introduced science and math to the world.

Haring Hall 1227

10:30 AM
11:30 AM
12:30 PM

Latinas as Role Models

Together we will empower and support our next generation of Latinas to become leaders in education, government, health, justice/law enforcement, community services and more.

Haring Hall 1204

10:30 AM
11:30 AM
12:30 PM

Latinas as Scientist & Researchers: Creating a Scientific Identity

Join us for this panel discussion and hear from Latina scientists and researchers at UC Davis pursuing STEM education and careers.

The Grove 1283

10:30 AM
11:30 AM
12:30 PM

Latino Links to Law Enforcement

This workshop will take the mystery out of law enforcement. Meet and build relationships with Latinos in the Sacramento Police Department. Learn about the hiring process, career paths, decisions Latino officers have made and how to prepare for a career in law enforcement.

Haring Hall 2205

10:30 AM
11:30 AM
12:30 PM

Learn About Careers in Nursing

Get information about nursing careers from two Sutter Roseville Medical Center emergency room nurses. They will share their experiences, answer your questions and offer advice on becoming a nurse.

Hart Hall 1130

11:30 AM

Learn to Learn

Get tips on improving your school performance and how to succeed in the educational system from an experienced educator.

Elective Workshop Sessions

Kleiber Hall 3

10:30 AM
11:30 AM
12:30 PM

Life Legacy and Values of Cesar Chavez

Come learn about the life experiences and values of Cesar Chavez, and the legacy he left behind.

Wellman Hall 119

11:30 AM
12:30 PM

Navigating your Career Journey

“What are you going to do when you grow up?” Do you struggle to answer the question? This workshop will cover strategies to help you clarify your values, interests, skills and personality to identify the potential careers best suited for you. Career planning is a life-long process and this workshop will help you begin your career development journey on the right track.

Hart Hall 1120

10:30 AM
11:30 AM
12:30 PM

Overview of the UC System

The University of California is the world’s leading public research university system with 10 campuses and five medical centers. Thinking about which University of California campus-or campuses- to apply to can be an exciting, thought-provoking and possibly intimidating process. Join us to explore your options and reflect on what you’re looking for academically, socially and geographically.

Hoagland Hall 168

10:30 AM

Social Work: Hands-On Advocacy

Have you ever wanted to help those in need, but were not sure where to start? This workshop will examine social work as a profession.

Wellman Hall 2, 6

11:30 AM
12:30 PM

Student Panel: Life as an Aggie

Join our group of culturally diverse students and hear their perspectives on college life. The panel will answer your questions about what it’s like to be a student of color at UC Davis.

Wellman Hall 106

11:30 AM
12:30 PM

Tell Your Unique Story in the Digital Age

Join our television, film and social media expert to learn how to write and produce your unique digital story and showcase it to the world.

Wellman Hall 26

12:30 PM

Transfer Tips

Learn how to utilize campus resources, the transfer process, guaranteed transfer paths and the differences between CSU, UC, and private universities.

Wellman Hall 119

12:30 PM

You are in

Learn about next steps now that you are admitted to a college.

11:30 AM
12:30 PM

You can be a Lawyer! Si se Puede!

If you are fascinated by legal shows on television or have been told you should be a lawyer because you like to argue, considering a career in law. A law degree can be rewarding, empowering, and opens doors to variety of careers beyond the legal profession. Join us for a discussion on law school and the career opportunities it provides.



Regent **Jose Hernandez**

Board of Regents, University of California

Jose Hernandez is the President and Chief Executive Officer at Tierra Luna Engineering, LLC, an aerospace company. Mr. Hernandez previously served as President of PT Strategies at PT Capital/PT Strategies from 2013 to 2016. Before that, he was the Executive Director of Strategic Operations at MEI Technologies from 2011 to 2012.

Mr. Hernandez worked at NASA Johnson Space Center from 2001 to 2011, where he was an astronaut, legislative analyst, branch chief and materials research engineer. He was on the STS-128 shuttle mission, during which he oversaw the transfer of more than 18,000 pounds of equipment between the shuttle and the International Space Station and helped with robotics operations. The STS-128 mission traveled more than 5.7 million miles in just under two weeks.

He also held numerous roles at Lawrence Livermore National Laboratory (LLNL) including program manager and engineer. While at LLNL, he worked in helping develop the X-ray laser

as part of the Strategic Defense Initiative, the nuclear nonproliferation arena helping the newly formed Russian federation establish materials, protection, control and accountability measures, and engaged in work with a commercial partner that resulted in the creation of the first full-field digital mammography imaging system, used for the earlier detection of breast cancer.

Aside from leading Tierra Luna Engineering, Mr. Hernandez is a vineyard farmer and produces his own line of wines under the label of Tierra Luna Cellars, Inc. He also has a foundation called The Jose Hernandez Reaching for the Stars Foundation that focuses on awareness of STEAM careers for kids in the Central Valley.

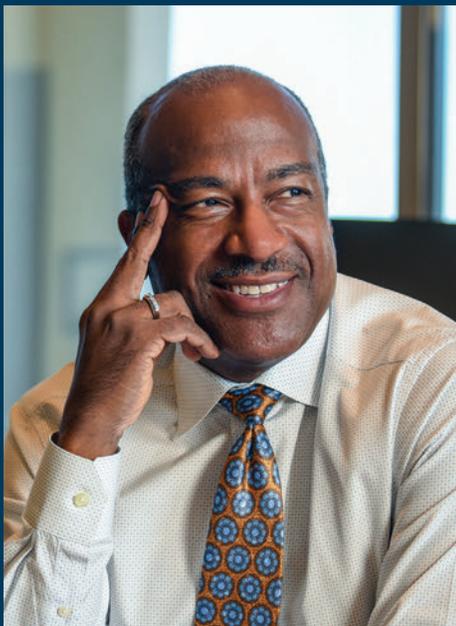
He is a member of the League of United Latin American Citizens and Latinos in Science and Engineering.

Mr. Hernandez earned a Master of Science degree in Electronic Engineering, Signals, and Systems from University of California, Santa Barbara and a Bachelor of Science in Electrical Engineering from the University of



the Pacific. He also holds honorary doctorate degrees from La Alianza Internacional, AHCASA de Marruecos, Universidad Michoacan de San Nicolás de Hidalgo, Marymount University, University of Laverne, Universidad Popular Autonoma del Estado de Mexico, Universidad Autonoma del Estado de Puebla, National Hispanic University, and University of the Pacific.

He was appointed as a Regent in August 2021 by Governor Newsom to a term expiring in 2033.



Chancellor **Gary S. May**

developed nationally recognized programs that attract, mentor and retain underrepresented groups in the STEM fields of science, technology, engineering and math.

In 2015, President Obama honored him with the Presidential Award for Excellence in STEM Mentoring, and in 2021, Chancellor May was awarded a Lifetime Mentor Award from the American Association for the Advancement of Science and an honorary doctorate from the Georgia Institute of Technology.

May has won numerous honors for his research in computer-aided manufacturing of integrated circuits. He authored more than 200 technical publications, contributed to 15 books and holds a patent related to this work. In 2010, he was named "outstanding engineering alumnus" of UC Berkeley, where he earned his master's and Ph.D. degrees in electrical engineering and computer science.

In September 2018, May was inducted to the National Academy of Engineering for his

success in growing diversity and his innovations in semiconductor manufacturing.

In April 2018, he launched Aggie Square in partnership with the City of Sacramento to spur economic growth and help create jobs at a variety of education levels. He and Sacramento Mayor Darrell Steinberg were recognized with a Leadership Award from the Association of University Research Parks for creating this unique partnership.

May was recognized by the Sacramento Kings Foundation as a 2021 Dream All Star, for his positive impact on the Sacramento region and commitment to championing initiatives that support opportunities for the Black community.

His vision as our seventh chancellor is to lead the university to new heights in academic excellence, inclusion, public service and upward mobility for students from all backgrounds.

▶ Chancellor Gary S. May is a highly engaged leader with a passion for helping others succeed. He believes success is best judged by how we enhance the lives of others. Throughout his career, he's championed diversity, equity and inclusion in both higher education and the workplace, and has



Dr. Pablo G. Reguerín

Vice Chancellor for Student Affairs, University of California Davis

committed professional staff. He oversees a budget of \$260 million dollars.

Dr. Reguerín's leadership team includes an associate vice chancellor for health, wellness, and divisional resources; an associate vice chancellor for student housing, dining and divisional operations; and an associate vice chancellor for student life, campus community and retention services.

Dr. Reguerín and his teams initiate, develop, and maintain programs and services that support students in their academic pursuits, provide stewardship for the campus climate, and promote leadership, teamwork and social responsibility.

Dr. Reguerín is known for his dedication to students and for his transformational leadership. He has received awards for his dedication to diversity and currently serves as co-chair of the University of California President's Advisory Council on Chicano/Latino Affairs, and co-chair of the UC Santa Cruz HSI Initiatives Team.

In his nearly 20 years with UC Santa Cruz, Reguerín held positions as the assistant vice provost of student success, executive director of retention services, director of educational opportunity programs, and deputy director of the Educational Partnership Center.

In these various roles, his primary focus has been to develop, deepen and align campus initiatives impacting retention, graduation, equity and student success.

Reguerín has a long-standing dedication to diversity. He serves as principal investigator on three U.S. Department of Education Hispanic Serving Institution, or HSI, Title V and Title III grants, totaling more than \$16 million.

Throughout his career, Reguerín has also been responsible for managing a wide array of fund sources within the UC system, including state general funds; student services fees; gift/donor funds; endowments; private, state and federal grants; and auxiliary revenue and student measure/referenda fees.

▶ As Vice Chancellor of Student Affairs at UC Davis Dr. Pablo G. Reguerín is responsible for oversight of Student Affairs partnerships and programs that promote student learning and advance student success, personal growth and lifelong learning.

The Division of Student Affairs encompasses nearly 30 defined departments with approximately 2.5 million square feet of space under management. The division comprises 3,000 student employees and 750 talented and

Renetta Garrison Tull

Vice Chancellor of Diversity, Equity and Inclusion

▶ Dr. Renetta Garrison Tull is Vice Chancellor for Diversity, Equity, & Inclusion at the University of California, Davis. She previously served as Associate Vice Provost for Strategic Initiatives at the University of Maryland, Baltimore County (UMBC) and Professor of the Practice in UMBC's College of Engineering and IT (COEIT). She was the Founding Director and Co-PI for the 12-institution National Science Foundation University System of Maryland's (USM) PROMISE AGEP. Tull earned engineering and science degrees from Howard University and Northwestern University, was an Anna Julia Cooper Postdoctoral Fellow at the University of Wisconsin-Madison and has held faculty positions at the UW-Madison, and the University of Maryland College Park.

The UC Davis Office for Diversity, Equity, and Inclusion has a robust portfolio that includes diversity and inclusion education programming, campus climate, regional community relations, and academic diversity. The office spans both the Davis campus and UC Davis Health and is home to three research centers: the Center for the Advancement of Multicultural Perspectives

on Science (CAMPOS), the Center for the Advancement of Multicultural Perspectives on Social Science, Arts, and the Humanities (CAMPSSAH), and the Center for Reducing Health Disparities (CRHD). The office supports UC Davis's Hispanic Serving Institutions initiative, Anchor Institutions Mission, Principles of Community, and employee resources groups.

An international speaker on global diversity in STEM, Dr. Tull has led discussions around the world on topics such as "Inclusive Engagement – Engineering for All," "Cultivating Inclusive Excellence within Science, Engineering, and Technology," work/life balance, family, and prevention of domestic and work-place abuse. Her recognitions include: O'Reilly Media "Women in Data" cover, Global Engineering Deans Council/Airbus Diversity Award Finalist, and ABET Claire L. Felbinger Award for Diversity.

Tull has been involved with projects for Puerto Rico's ADVANCE Hispanic Women in STEM, the Latin and Caribbean Consortium of Engineering Institutions, the National Academies of Science, Engineering, and Medicine, UNESCO and the



Student Platform for Engineering Education Development Global Mentoring Award.

Dr. Tull has more than 50 publications, has given hundreds of presentations on various topics, and is a Tau Beta Pi "Eminent Engineer." She is a passionate advocate, global mentor, education policy strategist and champion for equity. She has served on consensus committees for mentoring and "Women in COVID -19 for the National Academics of Science, Engineering and Medicine.

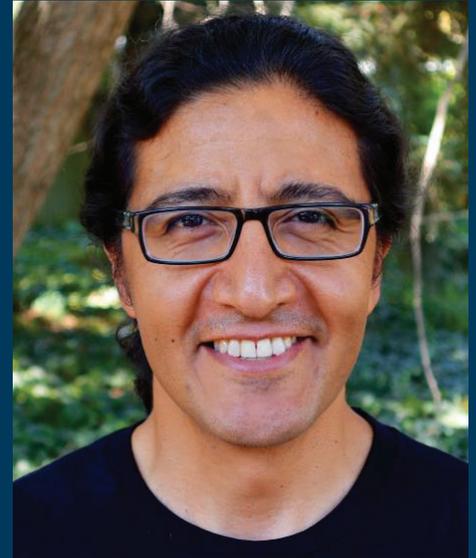
Manuel Calderon de la Barca Sánchez

Professor of Physics

► Manuel Calderon de la Barca Sánchez hails Mexico City, and started his Physics journey when he attended college at the Tec de Monterrey, majoring in Engineering Physics.

In Mexico, there were only a few places to pursue a physics scientific career, particularly in high-energy physics. He enrolled in CINVESTAV (Center for Research and Advanced Study) from the National Polytechnic Institute, and won a scholarship for a summer research program at CERN. He entered the area of heavy ion collisions via the NA49 experiment. This opened up the doors to graduate school in the US, where he obtained his Ph.D. at Yale, doing his graduate work in the STAR experiment at the Relativistic Heavy Ion Collider in Brookhaven National Lab. His thesis work was the first one to be published by a graduate student in

STAR. He then joined Brookhaven Lab as a postdoc in 2002 and then as a staff scientist in 2003. Having a passion for teaching, he joined the faculty at Indiana University in 2004. He then moved to UC Davis in 2006, has been at UC Davis working on research in heavy-ion collisions with the STAR detector and at CERN with the CMS detector. He loves teaching the next generation of students, and engaging in outreach opportunities particularly with women and Latinos in Physics. He is an avid outdoor enthusiast, including snowboarding, scuba-diving, hiking, and backcountry splitboarding. He is the science advisor in the giant screen film about the Physics of the LHC, "Secrets of the Universe", where he introduces audiences to nuclear collisions at the largest collider in the world.



Committee & Contributors

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Notes & Networking

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