

VIRTUAL CELEBRATION

FOR THE UCLA DOCTORAL CLASS OF 2021



JUNE 10, 2021

UCLA Graduate Education

As a land grant institution, UCLA acknowledges the Gabrielino/Tongva peoples as the traditional land caretakers of Tovaangar (Los Angeles basin, So. Channel Islands).

A video recording of today's celebration is/will be available at:
bit.ly/UCLADoctoralClass2021

Post your impressions, experiences and photos today using the hashtags
[#UCLADoctoralClass2021](#) [#UCLA2021](#) [#BruinProud](#)

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MESSAGE FROM THE CHANCELLOR



Dear UCLA Graduate:

Congratulations, Class of 2021!

Graduation is the culmination of many years of determination, diligence and hard work. I hope you are proud of all that you have accomplished, and that your time at UCLA has broadened your horizons, deepened your relationships, strengthened your skills and helped you grow as people.

I also encourage you to take time to honor those who helped you on your journey and have been rooting for you from the start — your family, friends, mentors and peers.

You are entering an era that needs your creativity, brilliance and passion. This pandemic has taught us important lessons about vulnerability and inequality, but also about service, empathy and community. As we recover from the pandemic, you are well-equipped to contribute to the creation of a more prepared, more resilient and more just society.

At UCLA we affirm values of compassion and inclusion, careful research and thoughtful analysis, innovation and collaboration. Those are the very virtues that will serve you as you make your way through this challenging moment and beyond.

This UCLA community you have been a part of, the community you helped create, and the broader alumni community you are now joining will be with you always. May they give you strength and inspiration.

Congratulations once again. We can't wait to see where you'll go from here.

Fiat lux,

A handwritten signature in black ink that reads "Gene D. Block". The signature is fluid and cursive, with a large initial "G" and "B".

Gene D. Block
Chancellor

VIRTUAL CELEBRATION

Interim Dean for Graduate Education
Susan L. Ettner

Chancellor
Gene D. Block

Executive Vice Chancellor and Provost
Emily A. Carter

School and Division Deans
Ron Brookmeyer
Miguel Garcia-Garibay
Darnell Hunt
Tracy Johnson
Brian Kite
David Schaberg
Gary Segura
Eileen Stempel

Department Chairs
Hillary Coller
Travis J. Cross
Neil Garg
Michael McNitt-Gray
Dominic Taylor
Chris Tilly

Graduate Division Associate Deans
Onyi Arah
Renate Lux

Candidates for the Degrees of:
Doctor of Education
Doctor of Environmental Science and Engineering
Doctor of Musical Arts
Doctor of Nursing Practice
Doctor of Public Health
Doctor of Philosophy

Performer
Angel Riley, MM Voice '20

THE 2020-2021 DOCTORAL CLASS

UCLA has awarded 36,069 doctoral degrees since 1938.

A total of 566 doctoral degrees are being awarded this year.

46% Female, 54% Male

Average age: 31 years old

The youngest graduate is 23 years old. The oldest is 63 years old.

Six different degree types:

Doctor of Education

Doctor of Environmental Science & Engineering

Doctor of Musical Arts

Doctor of Nursing Practice

Doctor of Public Health

Doctor of Philosophy

72 different graduate programs

Engineering is awarding the most degrees (136), followed by Physical Science (87), Social Science (69), Education and Information Studies (59), Humanities (45), Life Science (45), Public Health (36), Health Science (23), Nursing (20), Arts & Architecture (12), Public Affairs (10), Management (9), Music (9), and Theater, Film and Television (6).

Data is valid as of 6/7/2021.

Doctor of Education

Sarah Bang
Education/ Christina A Christie

First-Generation College Persistence: University-Assisted Schools
and Their Influence on College Degree Attainment

Opal May Chambers
Education/ Megan Loef Franke

How Teaching Fractions to Elementary Students Looks in the
Common Core Era

Zachary Wayne Cue, Jr.
Education/ Sandra H Graham & Christina Christie

Understanding African American High School Students'
Attendance Patterns

Joanne N. Do
Education/ Mark Kevin Eagan Jr.

The Cost of Compliance: First-Generation College Students'
Experiences Navigating the Financial Aid Process

Xianhui Grace Dong
Education/ William A Sandoval

Leadership in the Age of Blended Learning: A Mixed Methods
Comparative Case Study of Four Middle Schools

Zuhey Espinoza
Education/ Kimberley Gomez

The Geography of Community: Understanding the Role of a Regional
Comprehensive University as an Anchor Institution in Los Angeles

Brenda Anahi Galvez
Education/ Diane Durkin & Kimberley Gomez

The Academic Perceptions of Visual and Performing Arts Transfer
Students in Research Institutions

Adrian Julian Gumpert
Education/ Kimberley Gomez

The Use of A Computer-Supported Learning Design to
Support Oral Language Development among English Language
Learners through the Design Process

Stanley Orlando Harris
Education/ Christina Christie

Implementing Innovative Technology to Support K12
Public School Learning During COVID-19

Allison Jordan Hurtt
Education/ Robert Cooper

Running on Faith: Factors Contributing to Catholic School Principal
Retention in the Archdiocese of Los Angeles

Marshaun R Hymon
Education/ Tyrone C Howard & Megan Loef Franke

I Sing Because I'm Happy: The Perceived Impact of Participation in
Choral Music on the Identity Development of Young Black Men

Ashley Lauren Ireland
Education/ Mark P Hansen & Diane Durkin

Mixed Reality Simulation in Teacher Preparation Programs
In the United States

Asako Kurosaka-Jost
Education/ Pedro Antonio Noguera

Neutral Doesn't Work: The Importance of Educators' Active
Engagement in Creating Racially Inclusive Spaces for Students of
Color at Predominantly-White Independent Schools

Rosanne Theresa Lopez
Education/ Jennie Katherine Grammer

Creating Meaningful Classroom Environments: How Do Teachers' Pedagogical Beliefs Affect the Implementation of Their Visual Displays in Elementary Classrooms?

Ruby Nobuko Nagashima
Education/ Carlos A Torres

Fostering Value-Creative Global Citizens: Experiences of Students of Color in Service-Learning

Alyssa Kristine O'grady
Education/ Jose-Fe Martinez-Fernandez

The Perceived Effects of Teacher Evaluation Systems on Teacher Morale and Burnout in Los Angeles Charter Management Organizations

Naddia Cherre Palacios
Education/ Jessica Christine Harris

Campus Survivor Advocacy Services in Higher Education

Elena Perez
Education/ Marjorie E Orellana & Diane Durkin

Building Sustainability: Dual Language Programs at the Middle School Level

Steven Patrick Richardson
Education/ Robert Cooper

Principal Selection: Leveraging the Behaviors, Skills and Experiences that Inform the Work of Effective School Leaders

Belen Sanchez
Education/ Mark P Hansen

From Intended Enrollment to Actual Enrollment: A Statistical Analysis of Summer Melt

Sarah Anne Seinfeld

Education/ Megan Loef Franke

Thriving, Not Just Surviving: A Study of How Supervisors Build Resilience in New Teachers Entering High-Needs Schools

Anousheh Shayestehpour
Education/ Robert T Teranishi

Addressing Transfer Shock: How Community College Transfer Students Develop Peer-to-Peer Social Connections at a Four-Year University

Jacquelyn Marie Sims
Education/ Kimberley Gomez

An Analysis of the Impact of Corequisite Support Classes New Placement Criteria on Community College Faculty Implementation Decision-Making

Vanessa Militza Tejada
Education/ Kimberley Gomez & Diane Durkin

Para Eso Estudiastes: How Latina Executives Navigate Higher Education Institutions

Susan Ann Wildes
Education/ Robert Cooper & Diane Durkin

Creating Student-Centered Practices that Support Inclusion for Students with Disabilities

Doctor of Environmental Science and Engineering

Prasanna Krishna Krishnamurthy Reddiar
Environmental Science and Engineering/ Alan Irwin Barreca

Food Security Tipping Points: Using remote sensing to improve famine early warning systems

Singyee Lucy Lin
Environmental Science and Engineering/ Timothy Malloy

Environmental Risk and Delay Analysis: Lessons Learned from the
California High Speed Rail Project

Amanda Julia Zhang Wagner
Environmental Science and Engineering/ Richard F Ambrose

Temporary Impacts to Wetlands in the Arid Southwestern United
States Permitted by Section 404 of the Clean Water Act

Doctor of Musical Arts

Irina Bazik
Music/ Jocelyn Hiu Ching Ho

Nocturnes in Great Variety: Reconsidering the Nineteenth-Century
Nocturnes through Women Composer-Pianists

Xenia Deviatkina-Loh
Music/ Movses Pogossian

John Cage's Freeman Etudes: Their role in Practice and Performance for
Violinists

Stephen Francis Karr
Music/ Neal H Stulberg

Appropriation, Identity and Adaptability: Musical and Social
Considerations in Suite aus den Orchesterwerken von Johann
Sebastian Bach mit ausgeführtem Continuo zum Konzertvortrage
bearbeitet von Gustav Mahler

Doctor of Nursing Practice

Ana Luisa Barajas
Nursing Practice/ Wendie A Robbins

Inferior Vena Cava Filters: Aligning Practice with Evidence to
Improve Patient Outcomes

Pamela Carter Bryant
Nursing Practice/ Mary-Lynn Brecht & Felicia S Hodge

Educating College Students about Human Papillomavirus

Jackson Huang
Nursing Practice/ Dorothy J Wiley

Triple Threat Takedown: Standardizing Extra-genital
Gonorrhea and Chlamydia Screening

Deeba Freshta Kazempoor
Nursing Practice/ Wendie A Robbins

Healthcare Provider Education on Oseltamivir Resistance and
Centers for Disease Control and Prevention Prescription
Guidelines of Oseltamivir for Influenza

Rabya Choudhry Khalid
Nursing Practice/ Nancy T Blake & Eufemia Jacob

Utilizing Meditation to Decrease Nurse Leader Stress and Burnout

Rosemarie Lara
Nursing Practice/ Janet C Mentis & Mary Cadogan

Medication Discrepancies during Hospital to Skilled Nursing
Facility Transitions

Wan-Chun Lu
Nursing Practice/ Nancy A Pike

Advanced Practice Registered Nurse Pre-Procedure Clinic for
Interventional Radiology

Shamsah Malik
Nursing Practice/ Suzette V Glasner

Opioid Overdose Screening and Naloxone Co-Prescribing to
Curb Overdose Deaths

Valentina Luminita Obreja
Nursing Practice/ Lynn V Doering

Adult Ambulation Protocol for Extracorporeal Membrane
Oxygenation Patients

Michelle Tricia Panlilio
Nursing Practice/ Janet C Mentis & Mary Cadogan

The Inpatient Dementia Guidebook: Helping Caregivers of Patients with De
mentia Navigate an Acute Hospitalization

Elizabeth Vandenberg
Nursing Practice/ Carol L Pavlish

The Journey to Heart Transplant: Evaluating a Brief Mindfulness
Intervention on Hospitalized Heart Failure Patients' Stress, Anxiety
and Resilience

Velma Dumag Yep
Nursing Practice/ Mary Cadogan & Janet C Mentis

Addressing Appropriateness of Medications in the 65 Years and
Older Patients in the Outpatient Setting

Doctor of Public Health

Nadja Fedortsova
Public Health/ Thomas R Belin

Strategies for Analyzing Ordinal Quality-of-Life Data with
Application to Patient's Assessment of Own Functioning Inventory

Deborah Denise Riopelle
Public Health/ Deborah C Glik

Likelihood of Organizations in the Los Angeles Area Implementing an
Earthquake Early Warning System

Doctor of Philosophy

Caitlin Marie Aamodt
Neuroscience/ Stephanie Ann White

Characterizing microRNA-128 as a Therapeutic Target for Vocal
Communication Deficits

Faisal Zain Abdullah
Islamic Studies/ Asma Sayeed

Pre-Muhammadan Law and the Muhammadan Shari'ah: Muslim
Theories and Implementation of Biblical Law and the Laws of Prior
Religious Communities

Maayan Abenina-Adar
Linguistics/ Yael Sharvit & Dylan Thomas Bumford

Expressing Ignorance with Determiner Phrases

Anna Accettola
History/ David Daniel Phillips & David Potter

Tracing Trade: Economies, Institutions, and Diaspora in the
Hellenistic Mediterranean

Lydia Alexandra Adair
Geophysics and Space Physics/ Vassilis Angelopoulos

The Effectiveness of EMIC Wave-Driven Relativistic Electron Pitch
Angle Scattering in Outer Radiation Belt Depletion

Sahba Aghajani Pedram
Mechanical Engineering/ Jacob Rosen

Towards Building Autonomy and Intelligence for Surgical Robotic
Systems using Trajectory Optimization, Stochastic Estimation,
Vision-based Control, and Machine Learning Algorithms

Stephanie Aguilar
Chemistry/ Richard B Kaner

Perfluorophenylazide Photochemistry for Modification of Materials

Yousuf Mohamed Habib Al Hasani
Nursing/ Marysue V Heilemann

The Perception of Health among Omani Men Diagnosed with Type 2

Diabetes Mellitus

Arsalan Alam

Electrical & Computer Engineering/ Subramanian Srikantes Iyer

Development of FlexTrate™ and Demonstration of Flexible Heterogeneously Integrated Low Form-factor Wireless Multi-channel Surface Electromyography (sEMG) Device

Sarfaraz Alam

Civil Engineering/ Mekonnen Gebremichael

Improved understanding of the climatic and anthropogenic drivers of groundwater depletion and recovery in California's Central Valley

Ali Mohammad A Alshehri

Mechanical Engineering/ Hossein Pirouz Kavehpour

Active Augmentation of Condensation: Focus on Jet Impingement Technique

Maria Alejandra Amado Garfias

Economics/ Aaron Tornell

Essays on Financial Regulation, Stability and Inequality

Farzad Amoozegar-Fassaie

Anthropology/ Alessandro Duranti & Stephen Blum

The Pursuit of Happiness and the Other: Being a Syrian Refugee Child in America

Karen An

Geography/ Yongwei Sheng

Improving understanding and monitoring of levee seepage and subsidence using polarimetric and interferometric synthetic aperture radar for disaster risk management in the Sacramento-San Joaquin Delta

Qin An

Human Genetics/ Guoping Fan

The Applications of Single-Cell Genomic Analysis in Development and Disease

Michael Andonian
Mechanical Engineering/ Robert Thomas M'closkey

Design, Control, and Analysis of an Electrostatic Bearing

Iman Ansari
Architecture/ Sylvia Lavin & Michael Osman

Germes and Ornaments: The Johns Hopkins Hospital (1873-1891)

Theresa Hill Arriola
Anthropology/ Jessica R Cattelino

Securing Nature: Militarism, Indigeneity and the Environment in the Northern Mariana Islands

Yael Assor
Anthropology/ Christopher J Throop

Objectivity as a Bureaucratic Virtue: The Lived Experience of Objectivity in an Israeli Medical Bureaucracy

Salvador Badillo-Rios
Aerospace Engineering/ Ann R Karagozian

Effect of Chemical Kinetic Mechanisms on Turbulent Combustion

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History/ Nile Spencer Green

Indian Hanafis in an Ocean of Hadith: Islamic Legal Authority between South Asia and the Arabian Peninsula, 16th – 20th Centuries

Amanda Jean Bailey
Anthropology/ Paul V Kroskirty & Cheryl Mattingly

Alluvial Hope: The Transformative Practices of Placemaking at a Montana Tribal College

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Neuroscience/ Stephen Lawrence Zipursky & Orkun Akin

The coordination and role of activity in developing neural circuits

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Psychology/ Philip Kellman

Curve-Based Shape Representation in Visual Perception

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History/ David Sabean

Constructing the Imperial Frontier: Colonization, Migration, and the Built Environment in the Polish-German Borderlands, 1886–1914

Jonathan Young Banfill
Education/ Richard Desjardins

Learning, Thinking, and Making the City Together: Graduate Student Educational Encounters with Interdisciplinarity and the City in the New Humanities

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Geography/ Kyle C Cavanaugh

The Effect of Climate Change and Anthropogenic Activities on Mangrove Ecosystems

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Chemistry/ Paul S Weiss

Nanoscale Vibrational Spectroscopy of Gold-Cyanide Self-Assemblies: From Monolayers to Crystallites

Victoria Mignon Basile
Chemistry/ Sarah H Tolbert

Development of Nanostructured Nickel-Rich Cathode Materials for Fast-Charging Lithium-Ion Batteries and of High-Conductivity Doped Semiconducting Polymers For

Energy Applications

Carolina Beltran
Hispanic Languages and Literatures/ Efrain Kristal

Nature, Nation and Animality in the Discourse of Literary Indigenismo:
Case Studies in Peru, Mexico & the American Southwest, 1920-1974

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Mechanical Engineering/ Raymond M Spearrin

Shock tube kinetics and laser absorption diagnostics for liquid- and hybrid-
propellant rocket combustion analysis

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Near Eastern Languages and Cultures/ Aaron Alexander Burke

Forged by Society: An Interregional Investigation into the Social
Implications of Metallurgical Knowledge Transfer in the Southern
Levant and Egypt (ca. 5000-3000 BCE)

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Management/ Henry L Friedman

Does equity underpricing affect voluntary disclosure?

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Economics/ Adriana Lleras-Muney

Essays in Social Insurance

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Statistics/ Mark Stephen Handcock

Novel Approaches to Degeneracy in Network Models

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Health Policy and Management/ Jack Needleman

Contextualizing Risk: Examining the impact of substance use on
HIV transmission dynamics among a cohort of men who have

sex with men

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Health Policy and Management/ Frederick J Zimmerman

A Symphony Within: An Investigation of Positive Mental Health, Access to the Arts, and Equity in Millennials during Adolescence and Young Adulthood

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Biochemistry, Molecular and Structural Biology/ Sriram Kosuri

Specificity in Protein-Protein Interactions: High Throughput Characterization of Rationally Designed and Naturally Evolved Coiled-Coil Networks

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Musicology/ Mitchell Bryan Morris

"Wond'rous Machines": How Eighteenth-Century Harpsichords Managed the Human-Animal, Human-Machine Boundaries

Marta J. Bornstein
Community Health Sciences/ Jessica D Gipson

Perceptions and experiences of (in)fertility, contraception, and reproductive health outcomes: A mixed methods study among women and men in Malawi

Daniel Bradbury
Bioengineering/ Daniel T Kamei

Nanotechnology for Improving Sensitivity and Quantitative Capabilities of Paper-Based Diagnostic Devices

Gracen Mikus Brilmyer
Information Studies/ Michelle L Caswell

Proximity Matters: Disability, Erasure & the Archival Bond of Natural History

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Mathematics/ Terence Chi-Shen Tao

Probabilistic perspectives on dispersive partial differential equations

Calvin Clifford Brown
Electrical & Computer Engineering/ Aydogan Ozcan

Computational Imaging and Sensing in Diagnostics with
Deep Learning

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Physics/ Frank S Jenko & Troy A. Carter

Thermal Ion Orbit Loss in Diverted Tokamaks and its Role
Approaching the L-H Transition

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History/ Mary Terrall

Being and Becoming a Midwife in Eighteenth-century
France: Geographies of Pedagogical Practices and Objects

Kersti Joanna Caddell Haatveit
Chemistry/ Kendall N Houk

Computational Investigation of Selectivity in Biosynthetic
C–H Abstraction by Novel Enzymes

Ni Kadek Dita Cahyani
Biology/ Paul Henry Barber

Delineating Macro and Micro Marine Biodiversity in the Coral
Triangle Using Autonomous Reef Monitoring Structures and
DNA Metabarcoding
Kimberly B Calder
English/ Ursula K Heise

World Ecology, Indigeneity, and Epistemology in Countercultural
American Literature

Sarah Sixmith Vogdes Cantor
Italian/ Andrea Moudarres

The Orphan-Hero in Italian Renaissance Epic

Wei Cao
Epidemiology/ Roger Detels

The HIV Continuum of Care among People Living with HIV Aged 50 and Older in Guangdong, China

Zhiyuan Cao
Mechanical Engineering/ Rajit Gadh

Data Driven State Estimation in Distribution Systems

Hannah Addaline Carlan
Anthropology/ Alessandro Duranti

Producing Prosperity: Language and the Labor of Development in India's Western Himalayas

Nicholas Anthony Carollo
Economics/ Moshe Buchinsky

Essays in Labor Economics

Lucas Cesar Eduardo Cassano
Electrical & Computer Engineering/ Ali H. Sayed

Teamwork and Exploration in Reinforcement Learning

David Fernando Castaneda, Jr.
Ethnomusicology/ Steven J Loza

Tradition, Creativity, and Polyculturalism in the Lives and Work of Musicians from Latin America, the Caribbean, and the United States

Karime Castillo Cardenas
Archaeology/ Ioanna Kakoulli

Glass Production in Colonial Mexico: Technology Transfer, Adoption, and Adaptation

Araceli Centanino
History/ Kathleen A Lytle Hernandez

Chain Link and Concrete: Discipline, Surveillance, and Policing in
Los Angeles Schools, 1945-1985

Natacha Marcia Cesar-Davis
Education/ Cecilia Rios Aguilar & Carola E Suarez-Orozco

The Unguided Path: A Qualitative Study About the Vocational
Identity Development of Black and Latinx Emerging Adults at a
Community College

Wadie Chalgham
Mechanical Engineering/ Ali Mosleh

System-Level Prognosis and Health Monitoring Modeling
Framework and Software Implementation for Gas Pipeline System
Integrity Management

Kapua Lili'ehua Chandler
Education/ Mitchell J Chang

Indigenous Models of Higher Education: Understanding the
Indigenizing and Decolonizing Processes

Connie Ying-Chung Chang
Education/ Mitchell J Chang

Asian Americans and Race-Conscious Admissions: Examining
Racial Consciousness

Neng Chieh Chang
Economics/ Denis Nikolaye Chetverikov

Three Essays on Causal Inference with High-dimensional
Data and Machine Learning Methods

Yi-Jui Chang
Mechanical Engineering/ Jeffrey D. Eldredge

A Particle Method for Multiphase Mechanics Simulation

Alec Michael Chan-Golston
Biostatistics/ Sudipto Banerjee

Bayesian Estimation of Finite Population Quantities from Spatially
Correlated Data under Ignorable and Nonignorable Survey Designs

Ernest Lloyd Chen
Chemical Engineering/ Jane Pei-Chen Chang

Effects of Plasma Etching on GeSbTe Compositional Control

Jinghui Chen
Computer Science/ Quanquan Gu

Evaluating and Understanding Adversarial Robustness in Deep Learning
Jun Chen
Epidemiology/ Roger Detels

Antiretroviral Therapy Experience among Domestic Migrants
Living with HIV in Guangdong, China

Michael Chen
Near Eastern Languages and Cultures/ Kathlyn M Cooney

Healing Statues in Late Period Egypt: Creating Elite
Commemoration in a Religious Context

Natalie Yun-Wen Chen
Molecular, Cellular, and Integrative Physiology/ Stephen G Young

Nuclear Membrane Ruptures in the Setting of Nuclear
Lamin Deficiencies

Peng-Yu Chen
Civil Engineering/ Ertugrul Taciroglu

A Data-Driven Framework for Regional Assessment of
Seismically Vulnerable Buildings

Ximin Chen
Chemical Engineering/ Yvonne Y. Chen

Exploring the Effects of Chimeric Antigen Receptor Sequence on
CAR-T Cell Function by Rational Protein Design

Yang Chen
Materials Science and Engineering/ King-Ning Tu & Yu Huang

Surface Interdiffusion Studies in Copper-Tin System

Yu-Hsiao Chen
Chemical Engineering/ James C Liao

Engineering Escherichia coli to grow on methanol as the sole
carbon source

Zhenxiang Chen
Sociology/ Min Zhou

Social Mobility over the Life Course of Migration: Transition,
Pattern, and Self-selection

Minhao Cheng
Computer Science/ Cho-Jui Hsieh

On the Robustness of Neural Network: Attacks and Defenses

Yu-Chen Cheng
Neuroscience/ Mark Arthur Frye

Olfactory modulation of visual object behaviors in
Drosophila melanogaster

Fangtao Chi
Molecular Biology/ Utpal Banerjee

Metabolic Regulation of Preimplantation Mouse
Embryo Development

Yeou Shya Chiou
Physics/ Smadar Naoz

The Supersonic Project: Supersonically Induced Gas Objects in the Early Universe

Samira Chizari
Mechanical Engineering/ Jonathan Hopkins & Yong Chen

Advancing Two-photon Lithography by Integrating Microfluidics and Optical Tweezers

An Chuen Cho
Education/ Jeffrey J Wood

Resting-state functional connections of trait extraversion and neuroticism in autistic individuals

Katherine Soojin Cho
Education/ Sylvia Hurtado

Responding to Campus Racism: Analyzing Student Activism and Institutional Responses

Christopher Seong Choi
Materials Science and Engineering/ Bruce S Dunn

On-Chip Integrated Electrochemical Energy Storage Devices Based on Photopatternable Solid Electrolytes

Chungsuk Choi
Materials Science and Engineering/ Yu Huang

Designing Novel Catalysts to Convert Green House Gas to Value-added Fuels and Feedstocks

Rebecca Meejoo Choi
Architecture/ Sylvia Lavin & Dana Cuff

Black Architectures: Race, Pedagogy, and Practice, 1957–68

Austin Christian
Mathematics/ Ko Honda

Some Classification Results for Symplectic Fillings of
Contact 3-Manifolds

Devin Satoru Chu
Astronomy and Astrophysics/ Andrea M Ghez

Stellar Binaries at the Galactic Center

Shih-Wei Chuang
Chemical Engineering/ James C Liao

Exploring and Engineering Cyanobacterial Metabolism for Biofuel
and Sugar Productions

Bayram Safa Cicek
Electrical & Computer Engineering/ Stefano Soatto

Visual Learning with Weak Supervision

Mackenzie Simon Clay
Chemical Engineering/ Harold G Monbouquette

Modeling and Simulations of electroenzymatic sensors in vitro and
in the brain

Daniel Parke Cohen
Astronomy and Astrophysics/ Jean L Turner

Observing the Feedback from Embedded Super Star
Clusters with NIRSPEC

Andre Robert Comandon
Urban Planning/ Paavo Monkkonen

Ethnoracial Diversification at the Edges of Exclusion

Elizabeth Ann Comuzzi
History/ Teofilo F. Ruiz & Jessica Lillian Goldberg

Economic and Demographic Change through Notarial
Sources: The Example of Puigcerdà 1260-1360

Michael Anthony Conoscenti
Psychology/ Michael S Fanselow

The parametric determinants of heterogeneity in the behavioral
and neurobiological impact of stress.

Daniel Steven Cooper
Biology/ Daniel T Blumstein & Pamela J Yeh

Living for the city: Using community science and historical data to
understand avian response to urbanization

Matthew Cooper
Geography/ Laurence Smith

Bare Ice Hydrologic Processes on the Greenland Ice
Sheet Ablation Zone

Emily Donovan Cosco
Chemistry/ Ellen May Sletten

Polymethine fluorophores for in vivo shortwave infrared imaging

Rebecca Elisabeth Crane
Urban Planning/ Paavo Monkkonen

Is Granny in that Flat?: How Regulations Shape the Construction and
Use of Accessory Dwelling Units in Los Angeles

Aaron Crawford
Sociology/ Vilma Ortiz

(Re)emerging Racial and Class Inequalities: The Neoliberal
Project in Education

Milo Jon-Christopher Crimi

Philosophy/ Brian P Copenhaver & Calvin G Normore

Destroying the Modes of Signifying: Anti-Modism in Late
Medieval Philosophy of Language

Huachen Cui
Civil Engineering/ Xiaoyu Zheng

Additive manufacturing and characterization of structural and
multi-functional metamaterials via a large-area high-resolution
stereolithography system

Christine Marie Cunningham
Molecular, Cellular, and Integrative Physiology/ Mansoureh Eghbali

An Investigation into Y Chromosome Protection and Therapeutic
Potential in Pulmonary Hypertension

Shahrzad Dastmalchi
Civil Engineering/ Henry J Burton

Performance-Based Design and Assessment of Controlled
Rocking Steel Braced Frames

William Michael Davis
Architecture/ Dana Cuff

Palm Politics: Warfare, Folklore and Architecture

Jillian Roberta De Bree
Neuroscience/ Daniel H Geschwind & Michael Jeffrey Gandal

Analysis of cerebral cortical transcriptome dysregulation in autism
and psychiatric disorders

Lori De Lucia
History/ Andrew Apter & Ghislaine E. Lydon

Sicily and the Two Seas: The Cross Currents of Race and Slavery in
Early Modern Palermo

Joseph Michael De Rutte

Bioengineering/ Dino Di Carlo

Probing the Ultimate Limits of Biology: Developing Microparticle Platforms for High-Throughput Single-Cell Assays

Megan Lorraine Debin
Art History/ Charlene Villasenor Black

Body Traces: Performance Art against Violence in Contemporary Mexico

Ryan Henry Deblock
Materials Science and Engineering/ Bruce S Dunn

Pseudosolid Electrolytes and their Application in Next-Generation Sodium-ion Storage Devices

Navid Dehdari Ebrahimi
Mechanical Engineering/ Yongho Ju

Fluid dynamics, heat transfer, and power efficiency of piezoelectrically actuated pitching plates for low-power thermal management

Courtney Marie Demko
Social Welfare/ Fernando M Torres-Gil

The New Face of Caregiving: Multidimensional Factors of Caregiver Burden Among Young Adult Caregivers

Federica Di Blasio
Italian/ Lucia Re & Thomas J. Harrison

Local/Global Aesthetics: Cesare Pavese, Pier Paolo Pasolini, Gianni Celati

Adam Dibattista
Archaeology/ John K. Papadopoulos

Transformations of Animal Materials in Early Greece

Amanda Marilyn Dimachkie

Education/ Connie L Kasari

Compliance in Toddlers with Autism Spectrum Disorder: Exploring the Effects of Treatment and Caregiver Requests

Yangyao Ding

Chemical Engineering/ Panagiotis D Christofides

Microscopic Modeling, Machine Learning-Based Modeling and Optimal Operation of Thermal and Plasma Atomic Layer Deposition

Shiqi Dong

Materials Science and Engineering/ Gaurav Sant & Mathieu Bauchy

Aqueous Degradation of Materials: Studies on Steel Corrosion and Acoustically Stimulated Mineral Dissolution

Jenna Lyn Adsit Donohue

Philosophy/ Alexander Jacob Julius

A Deliberative Conception of Moral Complicity

Cheryl Lynn Doughty

Geography/ Kyle C Cavanaugh

Uncovering Spatial and Temporal Variability in the Past, Present, and Future Response of Southern California's Wetlands to Environmental Change

Alexandra Elyse Doyle

Geochemistry/ Edward Donald Young

Analyses of Polluted White Dwarf Stars with Applications to the Geochemistry of Rocky Exoplanets

Shannon Lee Dunlap

Social Welfare/ Ian W Holloway

"Nobody Gives You the Book for This": How Transgender Adolescents and Parents Navigate Stress and Support Related to Adolescent Gender Affirmation Processes

Dat Bach Duong
Computer Science/ Eleazar Eskin & Kai-Wei Chang

Computational methods for leveraging multiple biodata resources

Jeffrey D. Dymond
History/ Peter James Stacey

The Formation of the State in Italian Humanist Political Thought,
c.1250-c.1550

Tiffany Dzou
Nursing/ Huibrie C Pieters

“It’s Not Something That’s Really Been Brought Up”: Advance Care
Planning Among Individuals Living with Mechanical Circulatory Support

Na'im Shahid Eggleston
Education/ Federica Raia & William A Sandoval

By Learning Relational Acts: How College Students Diagnosed with Mental Illness
Grow Well-being in Times of Distress

Gazmend Elezi
Archaeology/ John K. Papadopoulos & Sarah P Morris

Sociocultural dimensions of production, use, and circulation of Late
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