



DOCTORAL HOODING CEREMONY

CONFERRAL OF DOCTORAL DEGREES
CLASS OF 2022



JUNE 9, 2022
UCLA ROYCE HALL

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 live webcast and video recording of today's ceremony is/will be available at:
grad.ucla.edu/hoodingwebcast

Post your impressions, experiences and photos today using the hashtags
[#uclahooding](#) [#UCLA2022](#)

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MESSAGE FROM THE CHANCELLOR



Dear UCLA Graduate:

Today's doctoral hooding ceremony is a landmark moment in your journey — a day to remember and to celebrate with friends, family members, mentors and fellow graduates. I am grateful that we can host this celebration and mark this milestone in person.

Earning a doctoral degree is a remarkable accomplishment at any time. But earning it during the pandemic is truly extraordinary. In the midst of great challenges — emotional

and mental as well as physical — you persisted, you pursued, and you made major contributions not only to academics at UCLA, but to academia at large.

You now join generations of distinguished Bruin alumni who imagine, create, lead and, most importantly, serve. What you do with this degree matters. It is more than a diploma to hang on your wall or a step on your career path. It is an invitation to use your brilliance, knowledge, and abilities to advance your field, spread understanding and improve the world around you.

This commemorative event is as significant for UCLA as it is for you. You are woven into our 103-year history and your achievements will reflect back on our institution in the years to come. We are proud of your accomplishments and we anticipate great things ahead.

You have forged strong relationships here, many of which will last a lifetime. Keep in touch with your fellow Bruins, and don't forget to make full use of the resources available to you as UCLA alumni. Remember that you're always welcome to return and visit our campus.

Class of 2022, today is a day to cherish. Enjoy and celebrate it to the fullest, and know that you have greatly enriched UCLA, your communities and your disciplines. I wish you much happiness — and the very best of luck.

Sincerely,

A handwritten signature in black ink that reads "Gene D. Block". The signature is written in a cursive, flowing style.

Gene D. Block
Chancellor

MESSAGE FROM THE DEAN OF GRADUATE EDUCATION

Dear Graduate:

Welcome to today's doctoral hooding ceremony! The entire UCLA community celebrates your accomplishments and applauds the effort, perseverance, talent, and commitment that have enabled you to reach this extraordinary milestone, earning the title "Doctor."

Each of you has developed exceptional mastery of your academic field. Through your scholarship, research and creative endeavors, you have made unique contributions to the body of human knowledge, pushing back the frontiers. You are accomplished artists and entrepreneurs, engineers and scientists, humanists and teachers. Each of you is poised to lead, to inspire, and to change the world.



On behalf of every faculty member who has come to know you through teaching and research, it has been a joy for all of us to mentor you and see you develop as scholars. We appreciate the sacrifices you have made and thank those who have supported you along the way. We can't wait to see what you do next.

Congratulations to all of our 2021 - 2022 doctoral degree recipients!

With very best wishes for a fulfilling life of the mind, spirit and heart.

A handwritten signature in black ink, which appears to read "Susan L. Ettner".

Susan L. Ettner

Dean of Graduate Education

Professor, General Internal Medicine and Health Services Research,

David Geffen School of Medicine at UCLA

Professor, Health Policy and Management, UCLA Fielding School of Public Health

PROCESSIONAL ORDER

Interim Executive Vice Chancellor and Provost

Dean of Graduate Education

Vice Provosts

Deans

Academic Vice Chancellors

Vice Chancellors

Associate Deans

Faculty Processional Marshals

Faculty

Candidate Processional Marshals

Candidates for the Degrees of:

Doctor of Philosophy

Doctor of Education

Doctor of Environmental Science and Engineering

Doctor of Musical Arts

Doctor of Nursing Practice

ORDER OF PROCEEDINGS

Guests are requested to remain seated during the academic procession and recessional.

PROCESSIONAL

Christoph Bull, *Organist*

WELCOME & REMARKS

Kadidia Adula, *Neuroscience*
Degree Candidate Processional Marshal

Pheaross Graham, *Musicology*
Degree Candidate Processional Marshal

CALL TO ORDER

Michael S. Levine
Interim Executive Vice Chancellor and Provost

GREETINGS AND INTRODUCTIONS

Susan L. Ettner
Dean of Graduate Education

KEYNOTE

Susan L. Ettner
Dean of Graduate Education

CONFERRAL OF DEGREES

Michael S. Levine
Interim Executive Vice Chancellor and Provost

PRESENTATION AND HOODING OF THE CANDIDATES

Readers & Hooding Marshals

SALUTE TO THE GRADUATES

Michael S. Levine
Interim Executive Vice Chancellor and Provost

CLOSING REMARKS AND RECESSIONAL

Susan L. Ettner
Dean of Graduate Education

FACULTY MARSHALS

PROCESSIONAL MARSHALS

Roger Wakimoto, *Vice Chancellor of Research and
Professor, Atmospheric and Oceanic Sciences*

Kathleen Komar, *Interim Vice Provost for Academic Personnel and
Professor, Comparative Literature*

HOODING MARSHALS

Onyebuchi Arah, *Associate Dean, Graduate Division and
Professor, Department of Epidemiology*

Jessica Cattelino, *Chair, Academic Senate and
Professor, Anthropology*

Brian Kite, *Interim Dean, School of Theater, Film, and Television and
Professor, Theater*

Marissa López, *Associate Dean, Graduate Division and
Professor, English and Chicana/o & Central American Studies*

Renate Lux, *Associate Dean, Graduate Division and
Professor, Dentistry - Periodontics*

Eileen Stempel, *Inaugural Dean, Herb Alpert School of Music and
Professor, School of Education and Information Studies*

READERS

Darnell M. Hunt, *Dean, Social Sciences and
Professor, Sociology and African-American Studies*

Jayathi Y. Murthy, *Dean, Henry Samueli School of Engineering and Applied Science
and Professor, Mechanical & Aerospace Engineering*

David C. Schaberg, *Dean, Humanities and
Professor, Asian Languages & Cultures*

DEGREE CANDIDATE PROCESSIONAL MARSHALS

Kadidia Adula, *Neuroscience*

Pheaross Graham, *Musicology*

NOMINEES

Kadidia Adula, *Neuroscience*

Cindy Escobedo, *Education*

Pheaross Graham, *Musicology*

Annie Le, *Education*

Christina Novakov-Ritchie, *Culture and Performance*

Dauida Persaud, *Culture and Performance*

THE 2021-2022 DOCTORAL CLASS

UCLA has awarded 36,913 doctoral degrees since 1939.

A total of 710 doctoral degrees are being awarded this year.

46% Female, 54% Male

Average age: 33 years old

The youngest graduate is 25 years old. The oldest is 67 years old.

Five different degree types:

Doctor of Philosophy
Doctor of Education
Doctor of Environmental Science & Engineering
Doctor of Musical Arts
Doctor of Nursing Practice

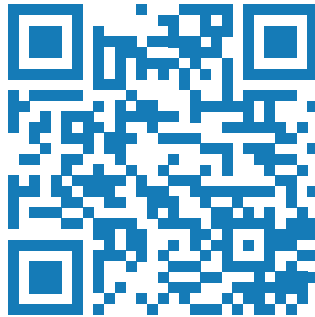
75 different graduate programs

Engineering is awarding the most degrees (173; 24.4%), followed by Physical Sciences (126; 17.7%), Life Sciences (84; 11.8%), Social Sciences (73; 10.3%), Education and Information Studies (69; 9.7%), Humanities (50; 7.0%), Public Health (46; 6.5%), Health Sciences (36; 5.1%), Music (15; 2.1%), Nursing (12; 1.7%), Public Affairs (8; 1.1%), Theater, Film and Television (8; 1.1%), Management (6; 0.8%), and Arts & Architecture (4; 0.6%).

Data are valid as of June 2022.

LIST OF DEGREE CANDIDATES

To view or download the digital program scan the **QR code** or visit <https://grad.ucla.edu/hooding/2022.pdf>



The digital program contains the full list of doctoral degree candidates for the class of 2022 along with their major, dissertation chair & co-chair (when applicable), and dissertation title.

CLASS OF 2021-2022 DEGREE CANDIDATES

Major/Dissertation Chair & Co-Chair (when applicable)
Dissertation Title

DOCTOR OF EDUCATION

Lisa Michele Baggio

Education/ Megan Loef Franke

A Principal's Journey Into the Approach of
Cognitively Guided Instruction (CGI)

Cristina Camarena-Prieto

Education/ Robert Cooper

Exploring Resiliency among Former Foster
Youth in Higher Education

Kathryn Leigh Campbell

Education/ Megan Loef Franke & Kristen Lee
Rohanna

Exploring the Connections between Teaching
Practices and Math Identities in Middle
School Teachers

Scott Allen Carter

Education/ Patricia M. Mcdonough & Mark
Kevin Eagan Jr.

A Case Study of Best Practices on High-
Impact Yield with Faculty and Staff: A Focus
on Underrepresented Minorities at a Public
Four-Year Institution

Agustín Cervantes

Education/ Lucrecia Santibanez

Commitment to Serve: Motivational Factors
and Undergraduate Male Elementary Teacher
Pre-Service Preparation

Brandi Asunali Desjolis

Education/ Cecilia Rios Aguilar & Kristen Lee
Rohanna

Promised Land: Reimagining Historically Black
Colleges and Universities as Sites of Black
Reproductive Justice

Andréa Renée Fuentes

Education/ Christina Christie & Kristen Lee
Rohanna

Profiling Opera in Healthcare: Partnerships
and Programs

Jennifer Patricia Galvez

Education/ Robert T. Teranishi

"Let's Do Something About It": Building
and Sustaining Institutional Support for
Undocumented Community College Students

Stephanie Hartfield

Education/ Patricia M. Mcdonough & Mark P.
Hansen

Understanding College Preparedness in
California's Central Valley High School
Students

Jason Paul Kim-Seda

Education/ Tyrone C. Howard & Kristen Lee
Rohanna

Belonging and Support in Los Angeles Area
Independent Schools: Understanding the
Experiences of Teachers of Color

* The names of doctoral graduates who placed a restriction on the release of personal information are not included in this listing.

Jennifer Lynn Lark

Education/ Megan Loef Franke & Kristen Lee Rohanna

Virtual Teacher Collaboration: A Case Study of Singleton High School Teachers

Irma Lemus

Education/ Lucrecia Santibanez

Examining the Perceptions and Expectations of Teachers of Dually-Identified Students (English Language Learners with Learning Disabilities)

Tiffany Leigh Lewis

Education/ Megan Loef Franke & Kristen Lee Rohanna

Operationalizing Reflective Practice in an Elementary Math Classroom

Helen Ligh

Education/ Kimberley Gomez

Teaching in an Inclusion Setting: Support and Training for Middle School General Education Teachers

David Patrick Metz

Education/ Christina Christie & Kristen Lee Rohanna

All the World’s a Stage: Improvisational Theater and Engagement in Newcomer English Learners

Burgandie Montoya

Education/ Pedro Antonio Noguera & Tyrone C. Howard

Suicide Prevention Risk Strategies Addressing the Needs of Youth

Loren Nomura

Education/ Mark P. Hansen

What Factors Influence Teachers’ Engagement in Practices and Strategies that Promote Students’ Emotional Wellbeing?

Angela Palmieri

Education/ Marjorie E. Orellana & Lucrecia Santibanez

Teacher Perceptions of Sociocultural Competence in Dual Language Education

Myeisha Phillips

Education/ Megan Loef Franke

Supporting School Administrators with Math Observations and Feedback

Bridget Frances Razo

Education/ Robert Cooper

Community College Foundations: Increasing Philanthropic Success

Violeta M Ruiz

Education/ Robert Cooper & Diane Durkin

Sus Voces: Latina High School Principals

Robert Sambrano

Education/ William A. Sandoval

Veterans’ Perceptions of Mattering and Marginalization on Community College Campuses

Charles Changwon Seo

Education/ Megan Loef Franke

Who Trains the Trainer? An Investigation of the Preparation of Science Teacher Educators

Melia Tabbakhian Khaziran

Education/ Diane Durkin & Megan Loef Franke

The Impact of the COVID-19 Pandemic on Nursing Simulation Use and the Influence of Simulation Use on Future Admissions

Melissa Toohey

Education/ William A. Sandoval

Not Everyone Has Access: How Elementary Teachers’ Computer Science Goals and Strategies Relate to Equity

Jane Tu Quyen Thi Tran

Education/ Kimberley Gomez

Secondary Teachers’ Perception of Information Literacy Skills and Their Instruction in the Classroom

David James Vakil

Education/ Noreen M. Webb & Diane Durkin

Non-academic Support Math Faculty Members Provide in Developmental Accelerated and Corequisite Support Courses in California Community Colleges

Marcela Denise Valadez

Education/ William A. Sandoval

Transforming Practice: Supporting Secondary Science Teachers of English Learners

Stacey Marie Vigallon

Education/ William A. Sandoval & Kristen Lee Rohanna

Nature and Transdisciplinarity: Youths’ Perceptions of the Impacts of an Afterschool Program on Their Relationship with Nature and Environmental Problem-Solving

Kimberly Young

Education/ Pedro Antonio Noguera & Kristen Lee Rohanna

Listen to the Teacher: The Realities of Leading Ethnic Studies Classrooms

DOCTOR OF ENVIRONMENTAL SCIENCE AND ENGINEERING

Sonali Mariam Abraham

Environmental Science and Engineering/ Jennifer Ayla Jay & Mark Andrew Gold

Assessing the Potential of Urban Water Efficiency: With Focus on Outdoor Efficiency and the Commercial, Industrial, and Institutional (CII) Sector

Shannon Lea Pankratz

Environmental Science and Engineering/ Richard F. Ambrose

Assessing the Functions and Services of Non-Perennial Waters in Arid Regions

Yareli Sanchez

Environmental Science and Engineering/ Richard F. Ambrose

Understanding Ecosystem Services along Urban Streams Using Citizen Science, Social Media Data, and Expert Input

Li Zhang

Environmental Science and Engineering/ Yifang Zhu

Achieving the “Dual Targets” of CO₂ Emission Reduction and Air Quality Improvement for Chinese Cities

DOCTOR OF MUSICAL ARTS

Bruno Bastos Do Nascimento

Music/ Neal H. Stulberg

A Brazilian Slave Opera: The Genesis of Gomes's *Lo Schiavo*

Philip John Hoch

Music/ Jocelyn Hiu Ching Ho & William Andrew Kinderman

Transcribing Philip Glass's *Glassworks*: Historiography, Case Study, Methodology

Janet Song Kim

Music/ Travis J. Cross

Repurposing Sound: A Conductor's Guide and a Focused Analysis of Viet Cuong's Wind Ensemble Version of *Re(new)al*

Valerie Michelle Stern

Music/ Inna Faliks & William Andrew Kinderman

Composers of the Piano Cycle During Wartime, 1936-1945: Joaquín Rodrigo, Émile Goué, and Samuel Barber

Priyanka Venkatesh

Music/ Robert S. Winter

Forging a More Perfect Union: A Journey from Exoticism to Intercultural Synthesis of Indian and Western Art Music through Works for Violin

DOCTOR OF NURSING PRACTICE

Fnu Alfandy

Nursing Practice/ Holli A. Devon

Low-to-Moderate Risk Transient Ischemic Attack Patients Can be Safely Discharged from the Emergency Department to a Nurse Practitioner-Led Clinic

Jhoanna Anuran-Torres

Nursing Practice/ Lauren Clark

Pre-Procedural Video Education on Liver Ablation Treatment

Cecile Kyuregyan Kokozyan

Nursing Practice/ Carol L. Pavlish

Palliative Care and Mortality Risk Screening in the Intensive Care Unit

Harold C. Sarmiento

Nursing Practice/ Wei-Ti Chen

Pre-Exposure Prophylaxis Educational Intervention in Primary Care

Lauren Rose Seipel

Nursing Practice/ Wendie A. Robbins

The Impact of a Hematology Education Module on Knowledge and Self-Efficacy of Hematology Nurse Practitioners

Laila Alexandra Shad

Nursing Practice/ Wei-Ti Chen

Trauma Informed Care Training for Women's Health MSN Students

Leah Maurine Spiro

Nursing Practice/ Wei-Ti Chen

Remote Patient Monitoring (RPM) for Postpartum Hypertensive Disorders of Pregnancy (HDP)

DOCTOR OF PHILOSOPHY**Gabriel Abril Rodriguez**

Molecular and Medical Pharmacology/
Antoni Ribas

Role of PAK4 in Immune Cell Exclusion and Resistance to PD-1 Blockade Immunotherapy

Samantha Ruth Acuña

Political Science/ Michael S. Y. Chwe & Laura Gomez

Critical Race Theory and Its Application to Methodology in Studying Law and Political Science

Kathleen Elizabeth Addison

History/ Stephen Frank & Muriel McCclendon

Solotchinskii Monastery: The Social Aspect of Secular-Ecclesiastic Relationships in Riazan' Province in Seventeenth Century Russia

Patrick James Adler

Urban Planning/ Michael C. Storper

The Curating City: A Functional Account of the Agglomeration of Creative Industries

Kadidia Pemba Adula

Neuroscience/ Alvaro Sagasti

Investigating the Cell Type-Specific Potentials for Axon Regeneration in Zebrafish

Amber Afshan

Electrical & Computer Engineering/ Abeer A. Alwan

Speaking Style Variability in Speaker Discrimination by Humans and Machines

Siddharth Agarwal

Bioengineering/ Elisa Franco

Design and Synthesis of Dynamically Controllable DNA Nanostructures

Ashna Aggarwal

Geophysics and Space Physics/ Jonathan M. Aurnou

Zonal Flows in Planetary Fluid Layers

Wasi Uddin Ahmad

Computer Science/ Kai-Wei Chang

Cross-Lingual Representation Learning for Natural Language Processing

Arjun Reddy Akula

Statistics/ Song-Chun Zhu

Gaining Justified Human Trust by Improving Explainability in Vision and Language Reasoning Models

Nelson Ndukwe Akwari

Materials Science and Engineering/ Jenn-Ming Yang

Environmental Effects on a Protective Coating Used to Mitigate Composite Degradation

Sakena A S H A Q Alalawi

Information Studies/ Anne J. Gilliland

Simultaneous Multiple Provenance,
Co-creation, and Digital Repatriation:
A Conceptual Investigation Using Archived
Records Shared by the United Kingdom with
the Gulf States

Irina Alam

Electrical & Computer Engineering/ Puneet
Gupta

Lightweight Opportunistic Memory
Resilience

Abdulaziz Mohammed A Alamer

Chemical Engineering/ Vasilios
Manousiouthakis

CO₂ Conversion to Value-added Chemicals:
Thermodynamic and Indium-based Catalysts
Studies

Elaine Michelle Albertson

Health Policy and Management/ Nadereh
Pourat

Effect of Care Coordination for
Subpopulations of High-Utilizing Medicaid
Patients

Farah M A A Aldweesh

Chemical Engineering/ Vasilios
Manousiouthakis & Dante A. Simonetti

Optimal Design of Intensified Processes

Krystal Rica Alfonso

Physics/ Huan Z. Huang

Investigation of Background Sources and
Search for Neutrinoless Double-Beta Decay
in CUORE

Alessandra Amin

Art History/ Saloni Mathur

Mother Figure: Art and the Palestinian
Dream-State, 1965-1982

Olawale Odunayo Amubieya

Health Policy and Management/ Ninez A.
Ponce & Keith C. Norris

Social and Environmental Impacts on Lung
Transplant Outcomes

Jamin An

Art History/ Miwon Kwon

The Curator as the Artist's Friend: Henry
Geldzahler Negotiating Artistic Autonomy in
the 1960s

Sahar Andalib

Mechanical Engineering/ Hossein Pirouz
Kavehpour

Experimental Investigation and Data-Driven
Analysis of Binary and Multi-Component
Droplet Evaporation

Mackenzie Babetta Anderson

Chemistry/ Richard B. Kaner

Next Generation Membranes for Selective
Water Purification

Nathaniel Anderson

Health Policy and Management/ Frederick J.
Zimmerman

Improving Child and Adolescent Well-
Being Measurement for Population Health
Assessment

Tzanis Anevlavis

Electrical & Computer Engineering/ Paulo Tabuada

A Mithrilian Approach to Safety and Robustness of Autonomous Cyber-Physical Systems

Leonardo Araque

Mechanical Engineering/ Ajit K. Mal

Elastic Waves from Localized Sources with Applications to Nondestructive Evaluation (NDE) of Composite Aerospace Structures

Tersi Marcela Arias-Young

Atmospheric and Oceanic Sciences/ Jonathan Lloyd Mitchell

A Study of Mid-Latitude Clouds in Saturn's Moon, Titan: Phenomenology, Dynamics and Persistence

Jesse Siragan Arlen

Near Eastern Languages and Cultures/ Peter S. Cowe

A Window into the Tenth Century: The Life and Literary Works of Anania of Narek

Ryan David Assaf

Epidemiology/ Pamina M. Gorbach

Connections through Cannabis: Assessing Cannabis Behaviors and Their Association with the COVID-19 Pandemic and Related State Policy

Erin Michele Avery

Chemistry/ Paul S. Weiss

Exploration of Chemical Functionality of Self-Assembled Carborane Derivatives

Guillermo Aviles-Rodriguez

Theater and Performance Studies/ Suk-Young Kim

Transit-Oriented Performance through Chicana/o Spaces in Southern California

Adrian Matias Bacong

Community Health Sciences/ Gilbert Chee-Leung Gee

Health Selection and Immigrant Integration: A Longitudinal Analysis of Philippine Emigrants to the United States

Christopher Inhwon Baek

Electrical & Computer Engineering/ William J. Kaiser

Automated Computation of Hemodynamic Metrics Based on Non-invasive Electrophysiological and Biomechanical Features

Eric Alexander Baldwin

Political Science/ Scott Curtis James & Karen J. Orren

Crisis of the Old Order: American Populism and Political Institutions, 1780-1929

Mariana Barragán Torres

Education/ Jose-Fe Martinez-Fernandez

A Comparative Study of Mathematics Classroom Practices in Chile, Colombia, and Mexico

Jacqueline Jean Barrios

English/ Saree Makdisi & Jonathan Hamilton Grossman

London's Pacific Rim: East Asian Emplacements of the British Capital

Morgan Elaine Bartholomew

Psychology/ Gregory Allen Miller & Cindy M. Yee-Bradbury

Pathways to Depression and Anxiety: Characterizing the Roles of Life Stress and Emotion Inhibition

Undramaa Bat-Erdene

Chemical Engineering/ Yi Tang

Self-Resistance Enzyme Directed Genome-Mining for Fungal Natural Products and Enzyme Catalyses and Cell-Free *in vitro* Biosynthesis of Plant Terpene Natural Products

Samuel Joseph Baugh

Statistics/ Karen Mckinnon

Hierarchical Bayesian Spatial Modeling for Quantifying Climate Uncertainty

Bianca Beauchemin

Gender Studies/ Aisha Finch

Arousing Freedoms: Re-Imagining the Haitian Revolution through Sensuous Marronage

Angelica Isai Becerra

Chicana & Chicano Studies/ Maylei S. Blackwell

Envisioning a Chicana Radical Digital Aesthetic: Artivism in the Twenty-First Century

Xinzhu Bei

Computer Science/ Stefano Soatto

Learning Task-Sufficient Representation of Video Dynamics

Paula Andrea Beltran Saavedra

Economics/ Andrew Granger Atkeson & Pierre-Olivier Weill

Essays on Financial Intermediation and International Finance

Nicholas Bernier

Chemistry/ Alexander Michael Spokoyny

Nanomaterials and Small Molecules for Boron Delivery

Muhammed Ziyaad Bhorat

Political Science/ Giulia Sissa

Aristotle on Automation—A Preindustrial Political Theory of Technology

Pragya Bhuwania

Health Policy and Management/ Sally J. Heymann

The Impact of Gender-Equitable Interventions on Child Marriage and Early Childbearing

Yuge Bian

Environmental Health Sciences/ Irwin H. Suffet

A Unique Approach of Using the Odor Profile Method and Persistency Curves to Evaluate Odor Nuisance

Zachary Biondi

Philosophy/ Barbara Herman & C. Tyler Burge

Kant’s System of Moral Law

Heather Lea Birdsall

Film and Television/ Chon A. Noriega

Disney’s Media Parks: The Convergence of Theme Parks, Film, Television, and Game Space

Ellen Truxaw Bistline

English/ Jonathan Hamilton Grossman

The Realism of Seeing the Text in Nineteenth-Century Fiction

Nina Bjekovic

Italian/ Thomas J. Harrison

The Other Others: Negotiating Alterity in Postwar Triestine Literature

Garrett James Blair

Psychology/ Hugh T. Blair

Calcium Imaging of Cortical and Hippocampal Neurons during Learning and Decision Making

Abigail Pendleton Bline

Molecular Toxicology/ Patrick Allard

Investigation of Biomolecular Condensates as Novel Targets Mediating Germ Cell Toxicity from Per- and Polyfluoroalkyl Substance Exposure

Ashley Katrine Blum

Political Science/ Daniel Simon Treisman

Choosing Propaganda: Media Selection and Politics in Putin's Russia

Jonathan Elliot Bogard

Management/ Craig R. Fox & Noah J. Goldstein

Three Essays on Norms

James Boocock

Human Genetics/ Leonid Kruglyak

Ancient Balancing Selection Maintains Incompatible Versions of the Galactose Pathway in Yeast

Ian Gregory Boon

Philosophy/ Samuel John Cumming

Variables in Logic and Natural Language

Ryan Boone

Economics/ Adriana Lleras-Muney

Essays on Labor Demand with Market Imperfections

Annesh Borthakur

Civil Engineering/ Sanjay K. Mohanty

Design of Regenerative Stormwater Biofilters for Long Term Removal of Legacy and Emerging Pollutants

Jeannette Teresa Bowler

Molecular Biology/ David S. Eisenberg

Structural Characterization of the Functional Amyloid Protein Orb2A, and Evaluation of Structure-Based Inhibitors of Amyloid Assembly

Barry Brannum

Culture and Performance/ Susan Leigh Foster

As the Flesh Moves: Lon Fontaine, Black Dance, and Strategies for Rendering Presence

Anna Marie Bratcher

Epidemiology/ Anne W. Rimoin

Ebola Vaccination in the Democratic Republic of the Congo: Connections with Ebola Exposure History, Risk Behaviors, and Serology

Joseph John Breen

Mathematics/ Ko Honda

Explicit Homotopies of Liouville Domains

Canaan Michael Breiss

Linguistics/ Bruce P. Hayes

Lexical Conservatism in Phonology: Theory, Experiments, and Computational Modeling

Nathaniel White Brockway

Atmospheric and Oceanic Sciences/ Jochen Peter Stutz

Airborne Remote Sensing of Radical Precursors in Biomass Burning Smoke Plumes: Emissions, Chemistry, and Radiative Transfer

George Erich Brogmus

Environmental Health Sciences/ Wendie A. Robbins

Workplace Intervention to Reduce Back Pain through the Control of Early Morning Flexion

Kenneth Glendon Brown

Music/ Richard Dane Danielpour

Those Great Inspirers: The Tactile Compositional World of Igor Stravinsky

Shi Bu

Electrical & Computer Engineering/ Sudhakar Pamarti

Programmable, High-Dynamic-Range Receiver Front-Ends Using Periodically Time-Varying Circuits

Jessica Elizabeth Burch

Chemistry/ Yi Tang & Hosea Nelson

Catalytic Terpene Polycyclization Reactions and Structural Determination of Small Molecules by MicroED

Danielle Butts

Materials Science and Engineering/ Bruce S. Dunn

Next-Generation Electrode Materials for Na- and Li-ion Batteries

Joshua Alan Cain

Psychology/ Martin M. Monti

Identifying Deep-Brain Contributions to Consciousness for Clinical Intervention in Severe Brain Damage with Transcranial Focused Ultrasound

Bocheng Cao

Chemistry/ Xiangfeng Duan

Bacteria-Inorganic Hybrids for Bio-Energy Harvesting

Marcel Carita Vaz

Biology/ Nathan Jared Boardman Kraft

Trait-Mediated Coexistence in a Hyperdiverse Tropical Forest or Why Are There so Many Kinds of Trees in the Central Amazon?

Nicholas James Carlozzi

Music/ Ian Krouse & David Samuel Lefkowitz

Polystratalism: Compositional Layering Techniques and Perception of Polytonal and Other Multi-Strata Music

Guilherme Casas Goncalves

Biology/ Priyanga A. Amarasekare

Persistence of Trophic Communities in Seasonal Environments

Lorenzo Cattivelli

Economics/ Hugo Andres Hopenhayn & John William Asker

Essays in Empirical Industrial Organization: The Determinants of the Firms' Investment Decisions

Tracey Chan

Bioinformatics/ Xinshu Xiao

Computational Analysis of RNA Editing in Human Cancer

Chih-Chiang Chang

Bioengineering/ Tzung Hsiai

Multiscale Imaging and Machine-Learning Approaches to Investigate Cardiovascular and Metabolic Diseases

Hao-Yuan Chang

Electrical & Computer Engineering/ Kang Lung Wang

Unitary Neural Networks

Huifeng Chang

Economics/ Pierre-Olivier Weill

Essays on Macroeconomics and Finance

Kai-Chi Chang

Electrical & Computer Engineering/ Chee Wei Wong

High-Dimensional Quantum Information Processing with Time-Frequency Qudits

Ting-Yuan Chang

Electrical & Computer Engineering/ Diana Huffaker & Chee Wei Wong

Hybrid III-V Semiconductor Nanowires on Silicon

Trevor Yukai Chang

Chemistry/ Miguel A. Garcia-Garibay

Studies on the Photochemistry of Crystalline, Organic Molecules as a Green, Highly-Selective Synthetic Methodology

Tsang-Kai Chang

Electrical & Computer Engineering/ Ankur M. Mehta

Robotic Spatial Autonomy: Multirobot Localization and Online SLAM

Jason Chari

Chemistry/ Neil Kamal Garg

Harnessing Strain-Driven Reactivity for Complex Molecule Synthesis and Advances in Chemical Education

Manisha Kaur Chase

Education/ Sandra H. Graham

Dismantling the "Black Box": A Mixed Methods Investigation of STEM Classroom Assessment Experience on Psychosocial Outcomes

Anthony Chun-Yu Chau

Molecular Biology/ Kathrin Plath

Defining the Sequence Requirements for Xist Function in X Inactivation

Bao Ying Chen

Physics and Biology in Medicine/ Peter M. Clark

Image-Guided Therapeutic Intervention in Autoimmune Diseases

Kevin Chen

Physics/ Michael Gutperle

Line Defects and Interfaces from Holography

Laurence Chen

Chemical Engineering/ Yvonne Y. Chen

Outsmarting and Outmuscling Cancer Cells for Next-Generation CAR-T Cell Therapies

Siyao Chen

Chemical Engineering/ Panagiotis D. Christofides

A Machine Learning-Based Approach to Cybersecurity and Safety of Model Predictive Control Systems

Xuelu Chen

Computer Science/ Yizhou Sun & Carlo Zaniolo

Representation Learning Based Query Answering on Knowledge Graphs

Yen-Wei Chen

Molecular Toxicology/ Patrick Allard & Xia Yang

Development of Systems Biology Strategies for Environmental Exposures in Health and Disease

Yiling Chen

Statistics/ Jingyi Li

Statistical Criteria and Procedures for Controlling False Positives with Applications to Biological and Biomedical Data Analysis

Yixin Chen

Statistics/ Song-Chun Zhu

Holistic Scene Understanding and Goal-Directed Multi-Agent Event Parsing

Yuzhen Chen

Mechanical Engineering/ Lihua Jin

Buckling of Columns and Films: From Fundamental Mechanics to Functional Materials

Peter Sebastian Chesney

History/ Eric R. Avila

Drive Time: A Sensory History of Car Cultures from 1945 to 1990 in Los Angeles

Samantha Chiang

Oral Biology/ David T. Wong

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