

UNIVERSITY OF CALIFORNIA, LOS ANGELES



2018  
CONFERRAL OF  
DOCTORAL DEGREES

JUNE 14, 2018  
ROYCE HALL, UCLA

A live webcast and video recording of today's ceremony is/will be available at:  
[www.grad.ucla.edu/hoodingwebcast](http://www.grad.ucla.edu/hoodingwebcast)

Post your impressions, experiences and photos today using the hashtags  
#uclahooding #UCLA2018

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# MESSAGE FROM THE CHANCELLOR



Dear UCLA Graduate:

Congratulations! Today's Commencement marks a major milestone in your life -- a joyful day for each of you and your families, and a celebration of your uncommon ability, vision and determination. A UCLA doctoral degree is an extraordinary achievement and will serve you well in whatever you choose to do in the future.

Now you join generations of distinguished alumni who are exemplary leaders and tireless innovators dedicated to improving lives here at home and around the world. I encourage you to further the Bruin legacy of excellence and service, with the spirit of optimism that makes UCLA a special

place. We look forward to what your future holds and will take great pride in your accomplishments.

Thank you for the many contributions you have made to our campus that have advanced our mission of education, research and service to California and beyond. You and your fellow students have enriched me personally, providing fresh perspectives and insights.

Your relationship with UCLA will continue throughout your life. I hope that you will take full advantage of the many resources available to our alumni and that you will remain engaged with campus. Remember that you are one of UCLA's best advocates and ambassadors. You are always welcome here.

Today is special, unlike any other day in your life. Enjoy this time with your family and friends in memorable ways. I am enormously proud of you, and I wish you a lifetime of fulfillment and happiness.

With very best wishes,

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

# MESSAGE FROM THE VICE PROVOST FOR GRADUATE EDUCATION AND DEAN OF THE GRADUATE DIVISION

Dear Graduate:

Welcome to today's doctoral hooding ceremony, which marks the 80th anniversary of the first Ph.D. awarded at UCLA. 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, to change the world.



On behalf of every faculty member who has come to know you through courses, seminars, and research, I can say that it has been a joy to mentor you and see you develop as a scholar. 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 2018 doctoral degree recipients!

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

A handwritten signature in black ink, appearing to read "Robin L. Garrell".

Robin L. Garrell  
Vice Provost for Graduate Education  
Dean, Graduate Division

# PROCESSIONAL ORDER

Executive Vice Chancellor

Vice Provost, Graduate Education and Dean, Graduate Division

Vice Provosts

Deans

Academic Vice Chancellors

Regents of the University

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 Public Health*

# DISTINGUISHED GUESTS

## REGENTS

Yolanda J. Gorman, *Regent Emeritus, University of California and  
Senior Advisor to the Chancellor for Strategic Initiatives*

Devon Graves, *Student Regent, University of California and  
Doctoral student, Higher Education and Organizational Change*

# ORDER OF PROCEEDINGS

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

## PROCESSIONAL

Christoph Bull, *University Organist*

## WELCOME

Nako Nakatsuka, *Chemistry*  
*Degree Candidate Processional Marshal*

Eric Hosbach Newman, *English*  
*Degree Candidate Processional Marshal*

## CALL TO ORDER

Scott L. Waugh  
*Executive Vice Chancellor and Provost*

## GREETINGS AND INTRODUCTIONS

Robin L. Garrell  
*Vice Provost for Graduate Education and Dean, Graduate Division*

## KEYNOTE

Robin L. Garrell

## CONFERRAL OF DEGREES

Scott L. Waugh

## PRESENTATION AND HOODING OF THE CANDIDATES

*Readers & Hooding Marshals*

## SALUTE TO THE GRADUATES

Scott L. Waugh

## CLOSING REMARKS AND RECESSIONAL

Robin L. Garrell

# FACULTY MARSHALS

## PROFESSIONAL MARSHALS

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

Linda Sarna, *Dean, School of Nursing and  
Professor, Nursing*

## HOODING MARSHALS

Susan L. Ettner, *Associate Dean, Graduate Division and  
Professor, General Internal Medicine and Health Services Research*

Miguel Garcia-Garibay, *Dean, Physical Sciences and  
Professor, Chemistry and Biochemistry*

Victoria L. Sork, *Dean, Life Sciences and  
Professor, Ecology & Evolutionary Biology*

Julio Vergara, *Chair, Graduate Council and  
Professor, Physiology*

Roger M. Wakimoto, *Vice Chancellor for Research and  
Professor, Atmospheric and Oceanic Sciences*

Joseph B. Watson, *Associate Dean, Graduate Division and  
Professor, Psychiatry & Biobehavioral Sciences*

## READERS

Norma Mendoza-Denton, *Associate Dean, Graduate Division and  
Professor, Anthropology*

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

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

# DEGREE CANDIDATE PROCESSIONAL MARSHALS

Nako Nakatsuka, *Chemistry*

Eric Hosbach Newman, *English*

## NOMINEES

Darren James Aiello, *Management*

Janet Charray Buckner, *Biology*

Tyler Ross Harlan, *Geography*

Elyan Jeanine Hill, *Culture and Performance*

Rahim Kurwa, *Sociology*

Michelle Deguzman Magalong, *Urban Planning*

Jessica Marie Martinez-Tebbel, *Gender Studies*

Aidan Seale-Feldman, *Anthropology*

Deborah Sneed, *Archaeology*

Pallavi Sriram, *Culture and Performance*

Marissa Ashley Stevens, *Near Eastern Languages and Cultures*

Celine Kim Vuong, *Molecular Biology*

Joyce Lindsay Pualani Warren, *English*



# THE 2017-2018 DOCTORAL CLASS

UCLA has awarded 33,989 doctoral degrees since 1939.

A total of 618 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 Public Health

78 different majors

Engineering is awarding the most degrees (21%), followed by Physical Sciences (14%), Social Sciences (14%), Life Sciences (12%), Humanities (10%), Education and Information Studies (8%), Public Health (7%), Health Sciences (6%), Public Affairs (2%), Management (2%), Music (2%), Arts & Architecture (1%), Theater, Film and Television (0.5%) and Nursing (.3%).

*Data is valid as of 6/11/18.*

# HONOR YOUR FACULTY MENTOR



## Graduates & Faculty –

The relationships you build during your time at UCLA will last a lifetime. We invite you to make a tribute gift today to recognize the partnership and extraordinary achievement of both faculty and student. The Graduate Division, which supports graduate student fellowships and programs, will honor the hard work of our doctoral graduates that we celebrate today and will benefit future graduate students and their invaluable research for years to come.

If you make a minimum contribution of \$20 (fully tax deductible), you can receive a commemorative UCLA Doctoral Alumni Tote Bag or a Go Bruins UCLA Doctoral Alumni license plate holder as a thank you from us. Just stop by our table in the Quad immediately following the ceremony, show proof of your online donation to one of our staff members and collect your gift! *Unfortunately, cash donations cannot be accepted.*

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# DEGREE CANDIDATES

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

## DOCTOR OF EDUCATION

### **Sharon Beynon**

Education/ Mark Kevin Eagan

Organized for Success? An Examination of Whether District Structures Relate to Institutional Efficiency and Student Success among California's Community Colleges

### **Nicholas Richard Chitwood**

Education/ Mark P. Hansen & Christina A. Christie

The Effectiveness of Leadership Behaviors in Influencing Data-Driven Decision-Making by Teachers

### **Amy Frame**

Education/ Rashmita S. Mistry

Assessing the Efficacy of Outdoor Education on Campers' Perceptions of Environmental Stewardship, Civic Engagement, and College and Career Pathways

### **Matthew Thomas Henes**

Education/ Christina A. Christie

Quantitative Literacy across the Community College Curriculum: A Qualitative Case Study of Mathematics across the Community College Curriculum (MAC3)

### **Lisa Ann Hernandez**

Education/ Diane Durkin & Reynaldo Flores Macias

Building Bridges: A Case Study of a High School-Community College Partnership

### **Renee Marie Jeffrey**

Education/ Kathryn M. Anderson & Megan Loef Franke

Reflection and Teacher Change

### **Jessica Marion Michele Krug**

Education/ Robert A. Rhoads

Building Community and Capacity: Institutionalized Faculty Development in Community Colleges

### **Callie Lauren Moreno**

Education/ Christina A. Christie

Trust in Action: An Examination of Middle School Math Coaching Relationships

### **Veronica Inez Ortega**

Education/ Linda P. Rose & Noel D. Enyeddy

Increasing STEM Exposure in K-5 Schools through MakerSpace Use: A Multi-Site Early Success Case Study

### **Mauro Ivan Pena**

Education/ Robert A. Rhoads

The Role of Community College First-Year Experience Programs in Promoting Transfer among Latino Male Students

### **David Perez**

Education/ Diane Durkin & Marjorie E. Orellana

Latina Baccalaureate Attainment: A Mixed Methods Case Study of a TRIO Intervention

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

**Jessica Pérez Del Toro**

Education/ Tyrone C. Howard & Diane Durkin

Diversity, Equity, and Inclusion in Independent Schools: How Silence and Privilege Hinder the Work

**John Dalton Stoneburner**

Education/ Rashmita S. Mistry & Linda P. Rose

Understanding Teacher Stress and Wellbeing at Teach For America's Summer Institute

**Mary Ann Triest**

Education/ Kathryn M. Anderson & Robert A. Rhoads

Japanese-American Heritage/Community Language Learner Reflections: Key Themes for Informing Bicultural Student Educational Experience

**Tony Valencia**

Education/ Mark P Hansen & Kathryn M. Anderson

State Mandates, School Policies and Practices: What Schools Say They Are Doing to Address Chronic Absenteeism

**DOCTOR OF ENVIRONMENTAL SCIENCE AND ENGINEERING**

**Stacie Michelle Fejtek**

Environmental Science and Engineering/ Richard F. Ambrose & Glen Michael MacDonald

The Implications of Current Restoration Practices and Regulatory Policy for Recovery of the Federally Endangered Southern California Steelhead

**Aanchal Kohli**

Environmental Science and Engineering/ Magali A. Delmas

Exploring Data in Environmental Information Programs

**DOCTOR OF MUSICAL ARTS**

**Xiao Chen**

Music/ Inna Faliks

Seeking the Meaning of Virtuosity: The Integration of Technical Mastery and Musical Artistry in Piano Training

**Dawn Marie Hamilton**

Music/ Gary G. Gray & Mark L. Kligman

A Guide to Understanding, Interpreting, and Performing David Bruce's *Gumboots* for Clarinet (Doubling Bass Clarinet) and String Quartet

**Geoffrey Nicholas Gardiner Pope**

Music/ Neal H. Stulberg

*Auf der Bühne*: Culture and History in the Performance of Diegetic Music in German Opera

**DOCTOR OF PUBLIC HEALTH**

**Robin Audrey Flint MacBride**

Public Health/ Neal Halfon

Applying Systems Science Methods to Risk-Based Disease Management and Population Oral Health

## DOCTOR OF PHILOSOPHY

### Noor Abani

Computer Science/ Mario Gerla & Songwu Lu

Caching Strategies for Private and Efficient Content Retrieval in Information-Centric Networks

### Richard June Espino Abrantes

Aerospace Engineering/ Ann R. Karagozian

Development of a Complexity-Reduced, Collisional-Radiative Model for Multiphysics Plasma Simulations

### Mark Abubekero

Chemistry/ Paula Loredana Diaconescu

Symmetrically and Non-Symmetrically Substituted 1,1'-ferrocenes as Supporting Ligands for Divalent Metals in Catalysis

### Kioumars Afshari

Civil Engineering/ Jonathan Paul Stewart

Observation-Informed Methodologies for Site Response Characterization in Probabilistic Seismic Hazard Analysis

### Andres Aguirre

Chemical Engineering/ Panagiotis D. Christofides

Computational Fluid Dynamics Modeling and Simulation of Steam Methane Reforming Reactors and Furnaces

### Darren James Aiello

Management/ Mark J. Garmaise

Three Essays Concerning the Financial Economics of Mortgage Markets

### Zahrasadat Alavi

Physics/ Giovanni Zocchi

Probing the Surface and the Interior of an Enzyme: What is the Origin of Dissipation at the Angstrom Scale?

### Cynthia Maribel Alcantar

Education/ Robert T. Teranishi

Cultivating Our Nation's Engaged Citizenry: Institutional Factors That Promote the Civic Engagement of College Students

### Dalal A. M. A. Alfares

Gender Studies/ Sondra Hale & Kyungwon Hong

"Life/Lines:" Narrations of the Self in Arab Women's Autobiographies

### Fahad Alnemary

Special Education/ Connie L. Kasari & Lois A. Weinberg

The Journey from Diagnosis to Services for Parents of Children with Autism Spectrum Disorder in Saudi Arabia

### Faisal Alnemary

Special Education/ Connie L. Kasari & Lois A. Weinberg

Knowledge, Self-Efficacy, Use of Practices and Focus of Teaching among Teachers of Students with Autism Spectrum Disorder in Saudi Arabia: A Cross-Sectional Study

### Theresa Jean Ambo

Education/ Sylvia Hurtado

California Tribal Nations and the University: Examining Institutional Relationships, Responsibility and Reciprocity

**Prabhanjan Vijendra Ananth**

Computer Science/ Amit Sahai & Rafail Ostrovsky

Indistinguishability Obfuscation from Low Degree Multilinear Maps

**Laura Jane Anderson**

Epidemiology/ Marjan Javanbakht

Predictors of Repeat Sexually Transmitted Infections and the Efficacy and Economic Impact of a Financial Incentive Program for Sexually Transmitted Infection/HIV Testing among Men-Who-Have-Sex-with-Men

**Samuel Dejohn Anderson**

History/ Ghislaine E. Lydon

Domesticating the Médersa: Franco-Muslim Education and Colonial Rule in Northwest Africa, 1850-1960

**Ida Caterina Garcia Appendini**

Health Policy and Management/ Arturo Vargas Bustamante

Effects of Mexico's Seguro Popular Program on Health-Related Outcomes: Ten Years after Its Implementation

**Caroline Joan Arbuckle**

Archaeology/ Willemina Z. Wendrich & Kathlyn M. Cooney

A Social History of Coffins and Carpenters in Ancient Egypt

**Joseph Patrick Argus**

Molecular and Medical Pharmacology/ Steven J. Bensinger

Development and Application of New Analytical and Modeling Approaches to Quantify Fatty Acid Metabolism in Cells

**Tiffany Christine Armenta**

Biology/ Robert Wayne & Daniel T. Blumstein

Novel Gene Expression Shifts in Response to Complex Environmental Stimuli in a Wild Population of Yellow-Bellied Marmots (*Marmota flaviventris*)

**Rosie Vartyter Aroush**

Near Eastern Languages and Cultures/ Peter S Cowe & Michelle F. Erai

A Life of Otherness: Identity Negotiation, Family Relationships, and Community Experiences among LGBTQ Armenians in Los Angeles

**Erica Darlene Arroyo**

Neuroscience/ Carlos Portera-Cailliau

Developmental Dysregulation of Sensory-Evoked Responses in the Somatosensory Cortex of *Fmr1* KO Mice

**Diana Ascher**

Information Studies/ Leah A. Lievrouw

The New Yellow Journalism: Examining the Algorithmic Turn in News Organizations' Social Media Information Practice through the Lens of Cultural Time Orientation

**Jeanine L. Ash**

Geochemistry/ Edward Donald Young

Clumped Isotopes as Tracers from Enzymes to Global Biogeochemical Cycles

**Hayley Renee Ashbaugh**

Epidemiology/ Anne W. Rimoin

Assessing Immune Response to Measles Vaccination and Infection among Children in the Democratic Republic of the Congo

**Narsis Attar**

Molecular Biology/ Siavash Kurdistan

Histones at the Nexus of Eukaryotic Evolution and Biology

**Alexander Adam Azzam**

Mathematics/ Rowan Brett Killip & Monica Visan

Doubly Critical Semilinear Schrödinger Equations

**Yasmine Ahmed Zaki Badr**

Electrical Engineering/ Puneet Gupta

Co-optimization of Restrictive Patterning Technologies and Design

**Zoe Gabriele Baker**

Epidemiology/ Pamina M. Gorbach

The Impact of Partnership Factors on Adherence to HIV Pre-Exposure Prophylaxis and Antiretroviral Therapy

**Elisabeth Baldo**

Civil Engineering/ Steven Adam Margulis

Towards Large-Scale Implementation of a High Resolution Snow Reanalysis over Midlatitude Montane Ranges

**Mairin Francesca Aragonés Balisi**

Biology/ Blaire Van Valkenburgh

Carnivory in the Oligo-Miocene: Resource Specialization, Competition, and Coexistence among North American Fossil Canids

**Vanessa Rodríguez Barrera**

Psychology/ Michael S. Fanselow

Hippocampal Neurogenesis and Its Contribution to Auditory Fear Generalization

**Sina Basirkazeruni**

Electrical Engineering/ Dejan Markovic

Energy-efficient DSP Solutions for Simultaneous Neural Recording and Stimulation

**Max David Baumgarten**

History/ Janice L. Reiff

Searching for a Stake: The Scope of Jewish Politics in Los Angeles from Watts to Rodney King, 1965-1992

**Amir Hossein Behbahani**

Mechanical Engineering/ Robert Thomas M'Closkey

Toward Perfection of Gyros! Modeling, Analysis, and Modification of Ring-Type Resonators

**Mia Moy Bennett**

Geography/ John A. Agnew & Laurence Smith

Development on Ice: Global Transportation Infrastructure and the Arctic Frontier

**Stephanie Midori Benson**

Social Welfare/ Todd M. Franke

Predicting the Externalizing Trajectories of Child Welfare-Involved Preschoolers: A Longitudinal Analysis of Attachment Security, the Caregiving Environment, and Participation in Early Care and Education

**Christian Evan Beren**

Chemistry/ William M. Gelbart

Effect of Secondary Structure on the Size, Configurational Statistics, and Packaging of Long-RNA by Viral Capsid Protein

**Shahin Berenji**

Political Science/ Deborah W. Larson

Accepting Risks and Making Bold Gestures:  
Why Decision-Makers Initiate Conciliation  
in Rivalries

**Christian Yanai Bermudez-Castro**

Hispanic Languages and Literatures/ Hector  
V. Calderon

Black Mexico's Sites of Struggles across  
Borders: The Problem of the Color Line

**Christian Blanco**

Management/ Felipe Caro & Charles J.  
Corbett

Three Essays in Sustainable Operations  
Management: Climate Change Strategies,  
Safety, and the Role of Information on  
Conservation

**Jennifer M. Blaney**

Education/ Linda J. Sax

Tapping into the Leadership Conceptions  
of Undergraduate Women in Computing: A  
Mixed-Methods Study

**Anna Lee Boehle**

Astronomy/ James E. Larkin

The Environments around Nearby  
Supermassive Black Holes and the Upgrade  
of the OSIRIS Integral Field Spectrograph

**Natalie Boehnke**

Chemistry/ Heather D. Maynard

Degradable Hydrogels and Nanogels for the  
Delivery of Cells and Therapeutics

**Rachel Shoshanna Bolanos**

Epidemiology/ Roger Detels

Assessment of Biological and Epidemiological  
Components of AIDS Associated Kaposi's  
Sarcoma in the Multicenter AIDS Cohort  
Study: An Analysis of Serum Markers of  
Inflammation and Immune Activation in  
Cases of AIDS Associated Kaposi's Sarcoma

**Carly Bond**

Chemical Engineering/ Yi Tang

Production of Simvastatin Acid in  
*Saccharomyces cerevisiae*

**Doug Brent Booher**

Biology/ Patricia Adair Gowaty & Stephen  
P. Hubbell

The Structure and Assembly of Ant  
Communities: Patterns and Processes

**Byron Adrian Boon**

Chemistry/ Craig A. Merlic

Palladium-Catalyzed Oxidative Couplings  
and Applications to the Synthesis of  
Macrocycles and Strained Cyclic Dienes

**Nils Peter Borgstrom**

Biomedical Engineering/ William J. Kaiser  
& Benjamin M. Wu

The Integrated CardioRespiratory Heart  
Function Monitoring System

**Anuja Bose**

Political Science/ Raymond A. Rocco

Frantz Fanon and the Politics of  
Solidarity: On the Practice of Third World  
Intercontinentalism



**Robert Charles Boutelle**  
Chemistry/ Daniel Neuhauser

Far-Field Superresolution Detection of Plasmonic Near-Fields

**Devin Brandt**  
Chemistry/ William M. Gelbart

Design, Synthesis and Delivery of a Self-Cleaving Replicon System Yielding Biologically Active MicroRNAs *in vivo*

**John Gavin Branstetter**  
Political Science/ Anthony R. Pagden

Translational Moments: Citizenship in Meiji Japan

**Vanessa Marie Breslin**  
Chemistry/ Miguel A. Garcia-Garibay

Steady-State and Excited State Kinetics and Photochromism of Spiropyran in Solution and in Nanocrystalline Suspensions and the Solution and Solid State Transient Kinetics of a 1,1'-Biphenyl-2-Phenyl Diazomethane

**Franny Diane Brogan**  
Hispanic Languages and Literatures/  
Antonio C. Quicoli & Norma Mendoza-Denton

Sociophonetically-Based Phonology: An Optimality Theoretic Account of /s/ Lenition in Salvadoran Spanish

**Jonathan Lee Brosmer**  
Chemistry/ Paula Loredana Diaconescu & Jeffrey I. Zink

Synthesis of Reactive Metal Complexes Supported by 1,1'-disubstituted Ferrocene Ligands

**Anne Elizabeth Brown**  
Urban Planning/ Brian D. Taylor

Ridehail Revolution: Ridehail Travel and Equity in Los Angeles

**Shelina Louise Brown**  
Musicology/ Timothy D. Taylor

Yoko Ono's Experimental Vocality as Matrixial Borderspace: Theorizing Yoko Ono's Extended Vocal Technique and her Contributions to the Development of Underground and Popular Vocal Repertoires, 1968-Present

**Janet Charray Buckner**  
Biology/ Michael Edward Alfaro & David K. Jacobs

The Use of Genetics to Reconstruct the Biogeography of the Callitrichidae, to Examine the Evolution of the Major Histocompatibility Complex DRB Region in *Cebus capacious imitator* and to Phylogenetically Place Two Extinct Duck Species within Anatidae

**Deannah R. Byrd**  
Public Health/ Gilbert Chee-Leung Gee

A Longitudinal Study of Black-White Disparities in Cognitive Aging

**Alexander David Cahill**  
Physics/ James Rosenzweig

Ultra-High Accelerating Gradients in Radio-Frequency Cryogenic Copper Structures

**Oscar A. Campos**  
Molecular Biology/ Siavash K. Kurdistani

The Eukaryotic Histones H2A and H3: From Chromatin Compaction to Copper Homeostasis

**Jane Carlen**

Statistics/ Mark Stephen Hancock

Reduced Degeneracy Statistics for Exponential-Family Random Graph Models and Latent Space Network Models for Rating

**Savanna Louise Carson**

Environmental Health Sciences/ Hilary Godwin

The People of the Forest: Indigenous Voices for Agency, Sustainability, and Health in Forest Conservation

**Aaron F. Cayer**

Architecture/ Dana Cuff

Design and Profit: Architectural Practice in the Age of Accumulation

**Paul Fitzgibbon Cella**

Hispanic Languages and Literatures/ Maria Teresa De Zubiaurre

Contemporary Republicanism in Spain: Dialogues with Liberalism and the Left

**Hua Chai**

Neuroscience/ Baljit S. Khakh

Neural Circuit-Specialized Astrocytes

**Jason Chan**

Education/ Mitchell J. Chang

Geographic Constructions of Racial Identity: The Experiences of Asian American College Students in the Midwest

**Hariprasad Chandrakumar**

Electrical Engineering/ Dejan Markovic

Implantable Neural Recording Front-Ends for Closed-Loop Neuromodulation Systems

**Chun-Pin Chang**

Epidemiology/ Zuofeng Zhang

Glycemic Index, Glycemic Load, Genetic Susceptibility and Their Interactions with Lung and Upper Aerodigestive Tract Cancers

**Jonathan Chang**

Biology/ Michael Edward Alfaro

Diversity, Disparity, and Exploitation in the Ray-Finned Fishes

**Yikun Chang**

Electrical Engineering/ Behzad Razavi

Low-Power Wireline Transmitter Design

**Yuan-Shang Chang**

Materials Science and Engineering/ Ali Mosleh

Predictive Model of the Degradation of Cable Insulation Subject to Heat and Radiation

**Karina Chavarria**

Sociology/ Vilma Ortiz

Exclusionary Incorporation: Race and Immigration Status in Latina/o High School Students' Academic Integration and Social Exclusion

**Andres Cornel Chavez**

Mechanical Engineering/ Gregory P. Carman

Voltage Control of Magnetism in Nanoscale Artificial Multiferroics

**Dean Cheikh**

Materials Science and Engineering/ Bruce S. Dunn

Synthesis and Characterization of Rare-Earth Tellurides and Their Composites for High-Temperature Thermoelectric Applications

**Cai Chen**

Mechanical Engineering/ Gregory P. Carman

Simulation and Optimization for Strain-Mediated Multiferroic Applications: Memory, Logics and Sensor/Actuator

**Cheng-Wei Chen**

Mechanical Engineering/ Tsu-Chin Tsao

Automation and Precision Control for Intraocular Robotic Interventional Surgical System

**Lingxuan Chen**

Molecular, Cellular, and Integrative Physiology/ Istvan Mody

Novel Quantitative Analyses in Mouse Models of Neurological and Psychiatric Disorders

**Po-Ting Chen**

Aerospace Engineering/ Jason L. Speyer

Pulsar-Based Navigation and Timing: Analysis and Estimation

**Robert Chen**

Computer Science/ Glenn D. Reinman

Improving Fine-Grained Resource Mapping on Tightly Coupled Heterogeneous Multi-Cores

**Chen Cheng**

Biological Chemistry/ Siavash K. Kurdistani

Histone Demethylation and MYC Activation Enhance Translational Capacity in Response to Amino Acid Restriction

**Peter Cheng**

Mathematics/ Christopher R. Anderson

Spline Deferred Correction Methods for Ordinary Differential Equations

**Tsz Mei Jesmine Cheung**

Biochemistry and Molecular Biology/ Carla Marie Koehler

A Small Molecule Dissociates the PAM Motor from the TIM23 Channel

**Elizabeth Bennett Stulti Chiles**

Management/ Marvin B. Lieberman

Shrouded Information and Strategic Transparency: Three Essays on Price Obfuscation

**Prashant Chintapalli**

Management/ Christopher Siu Tang

Social Responsibility in Supply Chains in the Context of Emerging Economies

**Rachel Yi-Ling Chock**

Biology/ Gregory F. Grether & Debra Marie Shier Grether

Interspecific Competition and Conservation of Pacific Pocket Mice (*Perognathus longimembris pacificus*)

**Sharon Ro Chon**

English/ Jinqi Ling

Narrating the Visual: Seeing Race in Asian American Literature

**Junxiang Adam Chong**

Linguistics/ Megha Sundara & Kie Ross Zuraw

On the Relation between Phonotactic Learning and Alternation Learning

**Shu-Yu Chou**

Materials Science and Engineering/ Qibing Pei

Solution-Processed Polymer and Perovskite Emitters for Novel Light Emitting Applications

**Tiffany Chow**

Psychology/ Jesse A. Rissman

Neural Mechanisms of Real-World Episodic Memory Retrieval: Investigations Using Functional Neuroimaging, Brain Stimulation, and Wearable Camera Technology

**Linda Ann Civitello**

History/ Mary A. Yeager

Baking Powder Wars

**Leslie Dyan Claar**

Bioengineering/ Wentai Liu & Sotirios Masmanidis

Investigating Basal Ganglia Circuitry and Function Using Silicon Microprobes and Optogenetic Techniques

**William Stoughton Clark**

English/ Christopher J. Looby & Richard A. Yarborough

Time's Citizens: American Fiction and the Sexual Politics of U.S. Civic Membership, 1886-1929

**Joshua William Clemens**

Aerospace Engineering/ Jason L. Speyer

The Linear Quadratic Gaussian Multistage Game with Nonclassical Information Pattern Using a Direct Solution Method

**Jen Elana Quick Cleveland**

Biological Chemistry/ Feng Guo

Primary microRNA Processing in Humans: Biology, Biotechnology and Disease

**David Corwin Clyde**

Mathematics/ Joseph M. Teran

Numerical Subdivision Surfaces for Simulation and Data Driven Modeling of Woven Cloth

**Adrián Alejandro Collado**

Hispanic Languages and Literatures/ Maria Teresa De Zubiaurre

*Caricaturas del Otro: Contra-Representaciones Satíricas de la Inmigración en la Literatura y la Cultura Visual Española Contemporánea (1993-2017)*

**Christopher Craig Collimore**

Atmospheric and Oceanic Sciences/ Robert G. Fovell

Revelations about Tropical Cyclones from A-Train Satellite Data: The Effect of Environmental Aerosols on Tropical Cyclone Formation, and the Origin of Ozone in the Eyes of Mature Tropical Cyclones

**Daniel Joshua Conn**

Biostatistics/ Gang Li & Christina Michelle Ramirez

Utilization of Low Dimensional Structure to Improve the Performance of Nonparametric Estimation in High Dimensions

**Michael Conti**

Biochemistry, Molecular and Structural Biology/ Carla Marie Koehler

Small Molecule Probes of Mitochondrial Translocases Elucidate PINK1 Trafficking in PINK1/Parkin Regulated Mitophagy

**Alexis Cooke**

Community Health Sciences/ Deborah C. Glik

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