

UNIVERSITY OF CALIFORNIA, LOS ANGELES



2015
Conferral of
Doctoral Degrees

JUNE 11, 2015
ROYCE HALL, UCLA

A live webcast and video recording of today's ceremony is/will be available
at: www.grad.ucla.edu/hoodingwebcast
[#uclahooding](#) [#UCLA2015](#)
Follow us at twitter.com/uclagradschool

MESSAGE FROM THE CHANCELLOR



Dear UCLA Graduate –

I am so pleased to join your family and friends in congratulating you. Earning a doctoral degree at UCLA is an extraordinary achievement, reflecting your uncommon ability, vision and determination. Today's Commencement marks a major milestone in your life.

Now you join generations of distinguished alumni around the world who are leaders in their communities and innovators in nearly every field. You too are part of the great Bruin legacy. I know you will do your part to further our tradition of excellence in every pursuit and generosity in service to others, all with the spirit of optimism

that defines this great university. You are prepared to achieve greatness, and we look forward to what your future holds.

I am deeply grateful for all the ways in which you have enriched our campus and furthered our mission of education, research and service to California and the world. I continue to be inspired by our students and alumni, gaining invaluable insights from their perspectives.

Your relationship with UCLA, particularly through the resources we provide our alumni, is lifelong. We hope you always remain engaged with our campus and remember that you are one of UCLA's very best advocates and ambassadors.

I hope you will truly celebrate today with your family and friends and create memories to hold dear for the rest of your life. There will never be another day quite like this one. I am delighted to share this occasion with you and I wish you a lifetime of success and happiness.

Sincerely,

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

Gene D. Block
Chancellor

MESSAGE FROM THE VICE PROVOST FOR GRADUATE EDUCATION AND DEAN, GRADUATE DIVISION

Dear Graduate –

Welcome to today's doctoral hooding ceremony, which marks the 77th 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.

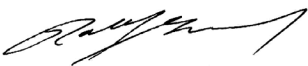
You are accomplished artists and entrepreneurs, engineers and scientists, humanists and teachers. Each of you is poised to lead, to inspire, to change the world.

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 2015 doctoral degree recipients!

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

Robin L. Garrell



Vice Provost for Graduate Education
Dean, Graduate Division



PROCESSIONAL ORDER

Executive Vice Chancellor and Provost

UCLA Medal Recipient

Vice Provost, Graduate Education and Dean, Graduate Division

Vice Provosts

Deans

Academic Vice Chancellors

Regents of the University

Vice Chancellors

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

ORDER OF PROCEEDINGS

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

PROCESSIONAL

Christoph Bull, *University Organist*

WELCOME

Courtney Dion Jones, Musical Arts
Candidate Processional Marshal

Crystal Edie Valdez, Chemistry & Biochemistry
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

CONFERRAL OF THE UCLA MEDAL

Scott L. Waugh

UCLA MEDAL RECIPIENT REMARKS

Shirley Malcom, *Director, Education and Human Resources Programs*
American Association for the Advancement of Science

KEYNOTE

Robin L. Garrell

CONFERRAL OF DEGREES

Scott L. Waugh

PRESENTATION AND HOODING OF THE CANDIDATES

Faculty Readers & Hooding Marshals

SALUTE TO THE GRADUATES

Scott L. Waugh

CLOSING REMARKS & RECESSIONAL

Robin L. Garrell

DISTINGUISHED GUEST

Shirley Malcom, *Director, Education and Human Resources Programs*
American Association for the Advancement of Science

FACULTY MARSHALS

PROCESSIONAL MARSHALS

Alex Bui, *Chair, Graduate Council*
Linda Sarna, *Dean, School of Nursing*

HOODING MARSHALS

Alex Bui, *Chair, Graduate Council*
C. Cindy Fan, *Interim Vice Provost, International Studies*
Carlos Grijalva, *Associate Dean, Graduate Division*
Joseph A. Rudnick, *Dean, Physical Sciences*
Victoria Sork, *Dean, Life Sciences*
Joseph B. Watson, *Associate Dean, Graduate Division*

READERS

Alessandro Duranti, *Dean, Social Sciences*
Carole Goldberg, *Vice Chancellor, Academic Personnel*
David Schaberg, *Dean, Humanities*

CANDIDATE PROCESSIONAL MARSHALS

Courtney Dion Jones, *Musical Arts*
Crystal Edie Valdez, *Chemistry and Biochemistry*

NOMINEES

Cynthia R. Albarrán, *Nursing*
Nabil Alshurafa, *Computer Science*
Katja Elisabet Antoine, *Anthropology*
Nadine Bermudez, *Education*
Katharine Stufflebeam Blankenship, *Ethnomusicology*
Selah Shalom Johnson, *History*
Amy Malek, *Anthropology*
Thomas Peter Narins, *Geography*
Sacha Leandra Prashad, *Molecular Biology*
Christopher William Scaduto, *Mathematics*
Scott Ryan Stephenson, *Geography*
Jeffrey Allen Stevens, *History*

THE 2014-15 DOCTORAL CLASS

UCLA has awarded more than 32,000 doctoral degrees since 1939.

A total of 772 doctoral degrees are being awarded this year.

45% Female, 55% Male

Average age: 33

The youngest graduate is 24 years old.
The oldest is 73 years old.

4 different degree types:

Doctor of Philosophy (742)

Doctor of Education (25)

Doctor of Musical Arts (4)

Doctor of Environmental Science & Engineering (1)

79 different majors

Engineering is awarding the most degrees (21%), followed by Physical Sciences (16%) and Social Sciences (12%) and Humanities (11%)

THE UCLA MEDAL

SHIRLEY MALCOM

Dr. Shirley Malcom is the Director of Education and Human Resources Programs of the American Association for the Advancement of Science (AAAS), where she leads efforts to advance education in science, technology, engineering and math (STEM) fields at all levels, to improve the public understanding of science and technology, and to expand the talent pool for science.

Malcom earned her B.S. at the University of Washington and her M.A. in Zoology at UCLA in 1968. After teaching high school in Los Angeles, she was awarded her Ph.D. in Ecology from Penn State in 1974. She was a faculty member at the University of North Carolina at Wilmington before transitioning to government and policy-making. She joined the AAAS, where she was principal author of *The Double Bind: the Price of Being a Minority Woman in Science*, and then managed the Minority Institutions Science Improvement Program at the National Science Foundation. In 1979 Malcom returned to the AAAS to head the Office of Opportunities in Science. She has held her current position since 1989.

Malcom was appointed to the National Science Board, co-chaired its Commission of 21st Century Education in STEM, and served on President Clinton's Committee of Advisors on Science and Technology. She now co-chairs the Gender Advisory Board of the United Nations Commission on Science and Technology for Development. Malcom is a member of the American Academy of Arts and Sciences, a trustee of Caltech and a regent of Morgan State University. Malcom holds sixteen honorary degrees. She was awarded the Public Welfare Medal of the National Academy of Sciences, that organization's highest honor. Bruce Albers, then-President of the Academy, described her as "a tireless advocate for the empowerment of the general public through science and technology."

Dr. Malcom has a distinguished and unparalleled record of achievement in expanding opportunities in STEM for women, minorities and persons with disabilities. She is a true Bruin whose leadership resonates with UCLA's commitment to diversity, equity and inclusion.

The UCLA Medal is the highest honor bestowed by the University of California, Los Angeles. Created in 1979, the medal is awarded to those who have made truly extraordinary and distinguished contributions to their professions and to our society.

DEGREE CANDIDATES

Major, dissertation chair/co-chair, and dissertation title

DOCTOR OF EDUCATION

Julie Adele Buchanan-Plaisance

Education/ Patricia M. McDonough

Silencing, Erasure, and Stigma of Sexual Minority Identity: Heteronormative Bias in Rural School Climate

Maria Elena Clinton

Education/ Richard L. Wagoner & Robert A. Rhoads

California Community College Faculty: Perceptions Regarding Running for Academic Senate President

Jessica Rae Cristo

Education/ Linda P. Rose & Daniel G. Solorzano

Making Meaning of the Dream: Understanding How Latina/o AB540 Community College Students Are Accessing and Navigating the California Dream Act

Chau Phuong Nguyen Dao

Education/ Linda P. Rose & Robert A. Rhoads

Service and Program Needs To Support Foster Students Attending Community College

Megan Elisa Fox

Education/ Jane E. Pizzolato

Scrutinizing Sophomore Slump: An Exploration of Student Behaviors and Institutional Conditions

Joanna Gerber

Education/ Diane Durkin & Christina A. Christie

MOOCs: Innovation, Disruption and Instructional Leadership in Higher Education

Ian Andrew Guidera

Education/ Robert Cooper & Diane Durkin

Principals Implementing Growth Mindset Norms: Insights on School Culture Reform

Deborah Lea Harrington

Education/ Christina A. Christie

“You Can’t Just Jump into the Icy Pool of Metacognition:” The Value of Networking and Community Building in California Community Colleges’ Reading Apprenticeship Project

Andrew Jefferson Hill

Education/ Robert A. Rhoads

Social Learning in Massive Open Online Courses: An Analysis of Pedagogical Implications and Students’ Learning Experiences

Sara Lasnover

Education/ Linda P. Rose & Sandra H. Graham

The Early Effects of the Removal of Willful Defiance from the Discipline Policy at Urban High Schools

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

Douglas Chelton Marriott

Education/ Richard L. Wagoner & Mark Kevin Eagan

Community College Student Success among Non-Completers: A Narrative Exploration of the Phenomenon of Positive Attrition through the Voices of California Community College CTE Students

Elizabeth D’Arcy McKillop

Education/ Richard L. Wagoner & Robert A. Rhoads

Cyberbullying 101: A Student Affairs Perspective

Faraah Ann Mullings

Education/ Eugene Tucker & Sylvia Hurtado

First-Generation Latina Commuter Students’ Perception of Factors that Influence Their Persistence toward College Completion

Yoshiko Okamoto

Education/ Megan Loef Franke

The Implementation Process and Impact of a Six-Week Number Talk Intervention with Sixth-Grade Middle School Students in a Large Urban School District

Julia Pelikhova

Education/ Eugene Tucker & Wellford W. Wilms

Supporting the Professional Development Needs of High School Athletic Coaches: An Action Research Project to Create a Coaching Resource Guide

Lauren Perrish Plant

Education/ Diane Durkin & Wellford W. Wilms

Middle School Girls’ Relational Aggression: An Intervention through Action Research

Miguel Daavid Powers

Education/ Christina A. Christie

Growth Mindset Intervention at the Community College Level: A Multiple Methods Examination of the Effects on Faculty and Students

Gabriel Anthony Ramirez

Education/ Connie L. Kasari & Faye C. Peitzman

Classroom Design for Urban Students

Kenneth Seals

Education/ Eugene Tucker & Tyrone C. Howard

Exploring How Teacher Leaders Influence Instructional Improvement Beyond the Walls of Their Classroom

Jeanne Sesky

Education/ Megan Loef Franke

A Story of Distributed Leadership at a Turnaround High School: Identifying Settings and Practices

Lovell Devon Smith

Education/ Eugene Tucker & Robert Cooper

Students at the Table: African American High School Students’ Perception of What They Have and What They Need to Make It to Four-Year Post-Secondary Institutions

Jenny Amanda Vazquez-Akim

Education/ Mark Kevin Eagan

A Crack in the Pipeline: Why Female Underrepresented Racial Minority Students Leave Engineering

Gregorio Verbera

Education/ Eugene Tucker & Patricia C. Gandara

The First Year: Understanding Newcomer Adolescents’ Academic Transition

William Lee Walton Jr.

Education/ Eugene Tucker & Mark Kevin Eagan

The Price of Independence: Tuition, Annual Giving, Endowments, and Financial Aid in Independent Schools

Leora Ya'acova Wolf-Prusan

Education/ Christina A. Christie & Diane Durkin

The Impact of Student Gang/Gun-Related Homicide on Urban High School Teachers

DOCTOR OF ENVIRONMENTAL SCIENCE AND ENGINEERING

David Christopher Quiros

Environmental Science and Engineering/ Yifang Zhu

Measurement and Control of Particulate Matter Emissions from Mobile Sources

DOCTOR OF MUSICAL ARTS

Courtney Dion Jones

Music/ Jens H. Lindemann

Extended Techniques and Vocal Simulations in Frank Ticheli's *First Voice of Solo Bb Trumpet*

Natalia Kartashova

Music/ Robert S. Winter

Chronic Stage Anxiety Re-Examined: An Integrative Approach for the Twenty-First Century

Myroslava Khomik

Music/ Movses Pogossian

Ukrainian Identity in Modern Chamber Music: A Performer's Perspective on Valentyn Silvestrov's Violin Sonata *Post Scriptum* and Its Interpretation in the Context of Ukrainian Chamber Works

Carlene Younghae Kim

Music/ Michael E. Dean

A Conductor's Guide to the Interpretation of Mendelssohn's *Elijah*: A Theologically-Informed Approach

DOCTOR OF PHILOSOPHY

Ziad Munif Abu-Rish

History/ James L. Gelvin

Conflict and Institution Building in Lebanon, 1946-1955

Megan Henderson Accordino

Economics/ Hugo Andres Hopenhayn

Economic Analyses of Three Energy Policy Problems

Nancy Acevedo-Gil

Education/ Daniel G. Solorzano

College-Going Culture in an Underresourced Urban High School: Examining Latina/o College Choice and Navigation

Maria Alejandra Acuña

Social Welfare/ Todd M. Franke

How We Talk about It: Stressful Life Events, Family Communication and PTSD among Public School Adolescents

Katrina Louise Adams

Molecular Biology/ Bennett G. Novitch

Defining the Molecular and Functional Diversity of Stem Cell-Derived Motor Neurons

Patience Akelen-Era Afulani

Public Health/ Gail G. Harrison & Anne R. Pebley

Determinants of Maternal Health and Health-Seeking Behavior in Sub-Saharan Africa: The Role of Quality of Care

Zahra Mashhadi Aghajan
Physics/ Mayank R. Mehta

Hippocampal Activity in Real and
Virtual Environments

Jordan Christopher Aguirre
Chemistry/ Benjamin Joel Schwartz

Controlling the Morphology of Polymer
and Fullerene Blends in Organic
Photovoltaics through Sequential
Processing and Self-Assembly

Andrew Pati Ah Young
Biological Chemistry/ Pascal Francois
Egea

Structural and Biochemical Character-
ization of Eukaryotic Protein Complexes
Involved in Inter-Organelle Tethering
and Protein Quality Control

Byron Thomas Ahn
Linguistics/ Sun-Ah Jun & Dominique
L. Sportiche

Giving Reflexivity a Voice: Twin
Reflexives in English

Jong Hoon Ahn
Computer Science/ Miodrag Potkonjak
Data-Intensive Mobile Cloud Computing

Andrew Peter Aijian
Biomedical Engineering/ Robin L.
Garrell
Digital Microfluidic Lab-on-a-Chip
Platform for the Culture and Analysis
of Three-Dimensional Multicellular
Spheroids

Florence Oluwabunmi Akinyemi
Political Science/ Mark Q. Sawyer
The Dog That Doesn't Bark?: Religious
Conflict and Peace Entrepreneurs in
Nigeria

Cynthia R. Albarrán
Nursing/ Marysue V. Heilemann

Expanding Perspectives and Gaining
Leverage: How Migrant Farmworker
Women Navigate HIV Risk in Their
Close, Long-Term Relationships

Yazeed Mohd Alhiyari
Biomedical Physics/ Frank Pajonk
The Combinational Effects of Gamma
Secretase Inhibition and Radiation on
the Cancer Stem Cell Population in
Glioblastoma

Christopher Michael Allan
Biochemistry and Molecular Biology/
Catherine F. Clarke
Coenzyme Q Biosynthesis
in *Saccharomyces cerevisiae*:
Characterization of a Coq Polypeptide
Biosynthetic Complex and a Coenzyme
Q Binding Protein

Nabil Alshurafa
Computer Science/ Majid Sarrafzadeh
Improving Healthcare for Populations:
Building Smart and Integrated Remote
Health Monitoring Systems

Thomas G. Altura
Management/ Sanford M. Jacoby
The Social Facticity of Partner Status:
The Case of Local Governments and
Investment Banks

Adriana Ruiz Alvarado
Education/ Sylvia Hurtado
Latina/o Pathways through College:
Characteristics of Mobile Students and
the Institutional Networks They Create

Behzad Amiri
Electrical Engineering/ Lara Dolecek
Theory and Practice of Non-Binary
Graph-Based Codes: A Combinatorial
View

Ladan Amouzegar

Mechanical Engineering/ Ivan Catton
A Multi-Scale Study of Inorganic
Aqueous Solution for Advanced Heat
Pipe Applications

Fabio Angius

Computer Science/ Mario Gerla &
Lixia Zhang
Reliable Content Distribution Using ICN

Katja Elisabet Antoine

Anthropology/ Jessica R. Cattelino &
Karen Brodtkin
“Pushing the Edge:” Challenging Racism
and Sexism in American Stand-Up
Comedy

Jacob Webster Aptekar

Neuroscience/ Mark Arthur Frye
The Neural Basis of Visual Figure-
Tracking in Fruit Flies

Samuel Jun Araki

Aerospace Engineering/ Richard E. Wirz
Multi-Scale Multi-Species Modeling for
Plasma Devices

Diego Arambula

Microbiology, Immunology, and
Molecular Genetics/ Jeffery Floyd Miller
Legionella Diversity Generating
Retroelements: Creating Massively Variable
Repertoires of Surface Displayed Proteins

Ana Luisa Toledo Piza Pessoa Araujo

Economics/ Hugo Andres Hopenhayn
& Pierre-Olivier Weill
Essays on Labor Market Mechanisms

Jacquelyn Wendy Ardam

English/ Michael A. North
Reading from A to Z: The Alphabetic
Sequence in Experimental Literature and
Visual Art

Michael Dawson Arensman

Cellular and Molecular Pathology/
David Wayne Dawson
Regulation and Therapeutic Targeting of
Wnt Signaling in Pancreatic Cancer

Amila Dinesh Ariyaratne

Physics/ Giovanni Zocchi
Rheology of Biological Macromolecules

Amanda Lee Armijo

Molecular and Medical Pharmacology/
Caius Gabriel Radu
Development of and Therapeutic
Applications for Novel Inhibitors of
Deoxycytidine Kinase

Christopher David Arntsen

Chemistry/ Daniel Neuhauser
Electronic Properties of Organic
Photovoltaic Materials

Jacinta Arthur

Culture and Performance/ David
Delgado Shorter
Reclaiming Mana. Repatriation in Mana Nui

David Louis Attanasio

Philosophy/ Seana Shiffrin
The State Obligation to Protect

Anne Eliese Austin

Archaeology/ Willemina Z. Wendrich
Contending with Illness in Ancient
Egypt: A Textual and Osteological Study
of Health Care at Deir el-Medina

Shabnam Shenasi Azari

Sociology/ Min Zhou & Jennie
Elizabeth Brand
Ethnic Visibility, Context, and
Xenophobia: A European Perspective

Meghedi Babakhanian

Biomedical Engineering/ Warren Grundfest

Cellular Mechanisms of Action
Associated with Transcranial
Ultrasound for Modulation and Its
Acoustic Characterization through Skull

Gregory Joseph Baker

Molecular and Medical Pharmacology/
Harvey R. Herschman & Pedro Ricardo
Lowenstein

Invasion and Evasion: Investigations on Early
Glioblastoma Growth Reveal Two Novel
Mechanisms of Brain Tumor Progression

Jean Ann Balgrosky

Health Services/ Jack Needleman

Adoption of Electronic Health Records
by Physicians for Use in Their Practices

Sean Banaee

Environmental Health Sciences/ Shane
S. Que Hee

Permeation of Limonene through
Disposable Nitrile Gloves in the Robot
Hand Whole Glove and ASTM Closed
Loop Models

Gretchen Elizabeth Bandoli

Epidemiology/ Beate R. Ritz

Assessing Risk and Preventive Factors
for Respiratory Illness in Children and
Adolescents: Breastfeeding, Prenatal and
Postnatal Stressors in Two Population-
Based Cohorts in Los Angeles,
California

Muhammad Ghulam Barik

Civil Engineering/ Terri S. Hogue

Remote Sensing-Based Estimates
of Potential Evapotranspiration for
Hydrologic Modeling in the Upper
Colorado River Basin Region

Joseph Kelly Barker

Computer Science/ Richard E. Korf

Front-to-End Bidirectional Heuristic
Search

Arash Bellafard

Physics/ Sudip Chakravarty

Effect of Disorder on First-Order Phase
Transitions

Aaron Seth Benanav

History/ Robert P. Brenner

A Global History of Unemployment:
Surplus Populations in the World
Economy, 1949-2010

Jacques Benatar

Mathematics/ Terence Chi-Shen Tao

The Existence of Small Prime Gaps in
Subsets of the Integers

Scott Andrew Bender

Physics/ Yaroslav Tserkovnyak

Quantum Spin Transport and Collective
Magnetic Dynamics in Heterostructures

Kristina Elizabeth Benson

Islamic Studies/ Sondra Hale

Sources of Authority and Authenticity
in American Sharia Law

Lisa Ann Benson

Psychology/ Andrew Christensen

Integrative Behavioral Couple Therapy
for Generalized Anxiety Disorder

Neil Elliott Berg

Atmospheric and Oceanic Sciences/
Alexander Dean Hall

Climate Change Effects on California
Precipitation and Soil Moisture

Nadine Bermudez

Education/ Daniel G. Solorzano

Mendez et al v Westminster School District et al: Mexican American Female Activism in the Age of De Jure Segregation

Laura M. Bernhard

Education/ Walter R. Allen

Toward a Better Understanding: Three Studies on Diversity in Intercollegiate Athletics

Marie Elizabeth Berry

Sociology/ Abigail Cope Saguy & Andreas Wimmer

From Violence to Mobilization: War, Women, and Political Power in Rwanda and Bosnia-Herzegovina

Siddharth Kasi Bhaskar

Mathematics/ Yiannis N. Moschovakis

Recursion Versus Tail Recursion over Abstract Structures

Bin Bi

Computer Science/ Junghoo Cho

Bayesian Modeling for Analyzing Online Content and Users

María Natalia Bieletto Bueno

Musicology/ Elisabeth Covell Le Guin

“Es Siempre Preferible la Carpa a la Pulquería.” The Construction of Poverty in the Music of the Carpas Shows in Mexico City, 1890-1930

Samarah Mashawn Blackmon

Education/ Tyrone C. Howard

Moving Beyond: Exploring Black Girls’ Perspectives on a Community-Based Educational and College Preparatory Empowerment Program

James Dean Bland

Geography/ Thomas Welch Gillespie & Hartmut Walter

Indigenous Forest Use as an Agent of Change in Plant and Animal Communities of the Temperate Sikkim-East Nepal Himalaya

Joshua Blander

Philosophy/ Calvin G. Normore

Dependence, Separability, and Theories of Identity and Distinction in Late Medieval Philosophy: Case Studies from Scotus and Ockham

Brian Richard Blank

Chemistry/ Ohyun Kwon

Synthetic Studies toward the Total Synthesis of (±)-Ajmaline and the Development of, Investigation into, and Application of a Phosphine-Catalyzed [4+1] Annulation

Katharine Stuffelbeam Blankenship

Ethnomusicology/ Jacqueline C. Djedje

Women’s Voices Women’s Songs: Dagbamba Music, Gender, and Culture

Joshua Bloom

Sociology/ William G. Roy & Michael Mann

Pathways of Insurgency: Black Liberation Struggle and the Second Reconstruction, 1945-1975

Igor Bogorad

Bioengineering/ James C. Liao

Rewriting Central Metabolism for Carbon Conservation

Wesley Earl Bonifay

Psychology/ Steven Paul Reise & Li Cai

An Integrative Framework of Model Evaluation

Giancarlo A. Bonora

Bioinformatics/ Kathrin Plath & Matteo Pellegrini

Computational Methods for Studying Gene Regulation and Genome Organization Using High-Throughput DNA Sequencing

Eric James Bordenkircher

Islamic Studies/ Leonard Binder & Steven L. Spiegel

Kings, Queens, Rooks and Pawns: Deciphering Lebanon's Political Chessboard

David Scott Boren

Biostatistics/ Ronald S. Brookmeyer

Agent-Based Modeling for HIV Prevention

Sean Borkowski

Biomedical Engineering/ Harry A. McKellop & Edward Ebramzadeh

Improving Preclinical Testing of Deformity Correction Surgery

Chiara Bozzone

Indo-European Studies/ Brent Harmon Vine

Constructions: A New Approach to Formularity, Discourse, and Syntax in Homer

Jonathan Brown

Chemistry/ Louis-Serge Bouchard

Variation of Pore Metrics in Metal-Organic Frameworks for Enhanced Storage and Catalytic Applications

Katherine Richards Brunson

Anthropology/ Paul Jeffrey Brantingham

Craft Specialization and Animal Products at the Longshan Period Sites of Taosi and Zhoujiazhuang, Shanxi Province, China

Yizhe Bu

Atmospheric and Oceanic Sciences/ Robert G. Fovell

Influence of Cloud-Radiative Forcing and the Planetary Boundary Layer on Tropical Cyclone Structure

Gary Bucciarelli

Biology/ Howard Bradley Shaffer

Phenotypic Variation of Toxin Levels in a Chemically Defended Amphibian: The Ecological and Evolutionary Significance of Tetrodotoxin

Dorothy Rose Buchli

Psychology/ Robert A. Bjork & Elizabeth Ligon Bjork

Challenging the Contextual-Cuing Account of Retrieval-Induced Forgetting

Denis Buehler

Philosophy/ C. T. Burge

Psychological Agency-Guidance of Visual Attention

Joseph Patrick Buffington

Linguistics/ Timothy A. Stowell & Yael Sharvit

The Logical Form of Contract Formation

Earl Ryan Burrell

Epidemiology/ Roger Detels

Motivation for Substance Use, Venue of Sexual Encounter, and Sexual Risk Behavior among Men Who Have Sex with Men (MSM) in the Multicenter AIDS Cohort Study (MACS): Factor Analysis, and Global vsEvent-Level Generalized Linear Mixed Model (GLMM) Assessment Approach

Ashay Burungale

Mathematics/ Haruzo Hida

On the Non-Triviality of Arithmetic Invariants Modulo p

Sara Marie Butler

Political Science/ Scott Curtis James

Partisan Pathways to Racial Realignment:
The Gradual Realignment of Race and
Party in the Twentieth Century

Karen Marissa Byrnes

Public Health/ Linda B. Bourque

The Influence of Information Sources
on HIV-Related Knowledge of Indian
Adolescents

Ralph Adrian Cacho

Chemical Engineering/ Yi Tang

Insights in the Biosynthesis of
Griseofulvin and Echinocandin B,
Two Antifungal Compounds from
Ascomycetes

Julia Thornton Caldwell

Public Health/ Chandra L. Ford

Rurality and Race: Inequities in Access
to Five Types of Healthcare Services

Cynthia Cam

Bioengineering/ Tatiana Segura

Design and Characterization of Gene
Activated Porous Hyaluronic Acid
Hydrogels for Cutaneous Wound
Healing

Jeffrey Philip Cantle

Neuroscience/ Xiangdong William Yang

Molecular Mechanisms Underlying
Neuropathology in Mouse Models of
Huntington's Disease

Yang Cao

Atmospheric and Oceanic Sciences/
Robert G. Fovell

The Santa Ana Winds of Southern
California in the Context of Fire
Weather

Yang Cao

Chemistry/ Kendall N. Houk

Computational Investigations of Organic
Reactions on Graphene, Fullerenes, and
Carbon Nanotubes

Colleen Marie Carpinella

Psychology/ David O. Sears & Kerri
Johnson

The Gendered Face of Partisan Politics:
Consequences of Intersecting Gender
and Partisan Stereotypes for Politician
Perception

Caleb Swift Carter

Asian Languages and Cultures/ William
M. Bodiford

Producing Place, Tradition, and the
Gods: Mt. Togakushi, Thirteenth
through Mid-Nineteenth Centuries

Jennifer Ryan Casey

Chemistry/ Benjamin Joel Schwartz

The Structure of the Hydrated Electron
in Bulk and at Interfaces: Does the
Hydrated Electron Occupy a Cavity?

Darian Dallas Cash

Biochemistry and Molecular Biology/
Juli F. Feigon

Structure and Functional Studies of
Telomerase RNA

Ann Milada Cavanaugh

Molecular, Cell, and Developmental
Biology/ Jau-Nian Chen

The Role of Cardiac Neural Crest Cells
in Zebrafish Heart Development

Armando Enrique Cerpa

Hispanic Languages and Literatures/
Adriana J. Bergero

*Cifrado gótico en Santa Evita de Tomás Eloy
Martínez y Una casa vacía de Carlos Cerda:
Espacios subterráneos, espectros e insepultos
de las dictaduras*

Bahiyih Hardacre Cerqueira

Applied Linguistics/ John H. Schumann
Behavioral and Psychophysiological
Correlates of Conversation

Albert Hay Wah Chan

Biochemistry and Molecular Biology/
Robert Thompson Clubb

Sortase Enzyme Mediated Surface
Protein Display in Gram-Positive
Bacteria: Mechanistic Studies and
Inhibitor Development

Catherine Claire Chanfreau

Health Policy and Management/ Ninez
A. Ponce

Personalized Medicine and the Role of
Patient Preferences, Risk Perception and
Information Exchange

Hung-Bin Chang

Electrical Engineering/ Izhak Rubin

Joint Adaptive Rate and Scheduling in
Cellular Wireless Networks

Yen-Chi Chang

Mechanical Engineering/ Tsu-Chin Tsao

Precision Motion Sensing and Control
through Constrained Optimization

Yuan-Wei Chang

Materials Science and Engineering/
Jenn-Ming Yang

High Strength and Thermally Stable
Nanostructured Magnesium Alloys and
Nanocomposites

Naphat Chantaravisoot

Microbiology, Immunology, and
Molecular Genetics/ Fuyuhiko Tamanoi

Characterizing the Mechanistic Target
of Rapamycin Complex 2 Pathway in
Glioblastoma Multiforme

Ion Hong Chao

Mechanical Engineering/ Adrienne G.
Lavine

Modeling and Simulation of Plasmonic
Lithography Process with Coupling
between Electromagnetic Wave Model,
Phase Field Model and Heat Transfer
Model

Adriana Alexandra Maldonado

Chaparro

Biology/ Daniel T. Blumstein

Population-Level Consequences of
Phenotypic Plasticity in Yellow-Bellied
Marmots (*Marmota flaviventris*)

David Michael Chase

English/ Arthur L. Little

Homing Desires/Desiring Homes: The
Construction of Queer Domestic Space
in Contemporary American Literature

Ronjaunee Chatterjee

English/ Joseph E. Bristow

Literature and Feminine Singularity:
1850-90

Cheng-Han Chen

Bioengineering/ Benjamin M. Wu

Nanoparticle-Based Induced Cre
Recombination for Tissue-Specific
Ischemia Targeting

Chun-Chao Chen

Materials Science and Engineering/
Yang Yang

Organic Tandem Solar Cells: Design and
Formation

Miles Satori Chen

Statistics/ Peter M. Bentler

Identifying DIF for Latent Classes with
the Dirichlet Process

Ming-Shuan Chen

Electrical Engineering/ Chih-Kong Ken Yang

Design of 60+Gb/s Serial-Link Transmitters Using Filter Techniques

Suming Jeremiah Chen

Computer Science/ Adnan Youssef Darwiche

Robust Decision Making with the Same-Decision Probability

Victor Liu Chen

Electrical Engineering/ William J. Kaiser

Integrated, Interactive Sensing for Scalable Behavior Guidance: Health and Energy

Yi Chen

Biological Chemistry/ Stephen Lawrence Zipursky

Visualizing Synapses between Specific Neurons *in vivo* with Light Microscopy

Yi Chen

Economics/ Maurizio Mazzocco

Essays on Household Saving Rates

Yu Chen

Materials Science and Engineering/ Yu Huang

Kinetic Competition Growth Mechanism and Phase Manipulation of Silicide Nanowires in Solid State Reaction

Yin Cheng

Molecular and Medical Pharmacology/ Yi Sun

Dissecting Complex Neurological Processes with Next-Generation Sequencing and Other Whole-Genome Approaches

Jeffrey Kaplan Chilcote

Astronomy/ James E. Larkin

Direct Observation of Extrasolar Planets and the Development of the Gemini Planet Imager Integral Field Spectrograph

Randall Marcelo Chin

Molecular Biology/ Jing Huang

The Molecular Mechanisms of Lifespan Extension by Alpha-Ketoglutarate in *Caenorhabditis elegans*

Jea Lyen Cho

Chemical Engineering/ Jane Pei-Chen Chang

Engineering Lithium Ion Conducting Thin Film Solid Electrolytes by Atomic Layer Deposition

Haksoo Choi

Computer Science/ Mani B. Srivastava

Sensing across Mobiles and the Cloud: Architectural Styles and Software Mechanisms

Sang Yup Choi

Economics/ Aaron Tornell & Roger E. Farmer

Essays on Financial Market Volatility and Real Economic Activity

Yool Choi

Sociology/ Jennie Elizabeth Brand

The Educational Expansion and Persistent Inequality: The Effects of Extracurricular Activities on Educational and Labor Market Outcomes

Daniel Yun Chong

Biomedical Physics/ Matthew Sherman Brown

Measurement Variation and Robustness in Quantitative Thoracic Computed Tomography

Jennifer Chou

Cellular and Molecular Pathology/ Rita B. Effros

Studies on Human CD8+ T Cell Senescence: Novel Biomarkers and Modulatory Effects of Inflammatory Mediators

Angela Li Ping Chow

Epidemiology/ Onyebuchi Aniweta Arah

Clinical Epidemiology and Comparative Effectiveness of Computerized Antibiotic Stewardship on Patient Infection Resolution, *Clostridium difficile* Infection, and Mortality

Kirby Ann Chow

Education/ Rashmita S. Mistry

Against All Odds: Examining How Parents and Teachers Help Homeless Students Stay on Track Academically

Chia-Pu Chu

Electrical Engineering/ Kang Lung Wang

Integration of Active GaAs Based Optoelectronics onto Si Substrates

Vena Chu

Geography/ Laurence Smith

Hydrologic Dynamics of the Greenland Ice Sheet from Remote Sensing and Field Measurements

Chia-So Chuang

Civil Engineering/ Jiann-Wen Ju

Hybrid Fiber Reinforced Concrete Incorporated with Phase Change Material

Chung-Wen Chuang

Civil Engineering/ Jiann-Wen Ju

Interface Energy and Particle Size Effects on Effective Properties and Damage Energy Dissipation in Nanocomposites

Jennifer Kathleen Chun

Biomedical Engineering/ Michael Alan Teitell

Quantification of Live Cell Mass Dynamics for Drug Efficacy Assessment and Growth Studies

Su Kim Chung

Information Studies/ Mary Niles Maack

“We Seek to Be Patient:” Jeanne Wier and the Nevada Historical Society, 1904-1950

Parissa Majdi Clark

Political Science/ Mark Q. Sawyer

From *El Nuevo Despertar* to Nonprofit: Changes in Puerto Rican Community Organizations in New York City since 1980

Deborah Beth Cohen

Culture and Performance/ Donald J. Cosentino

Introduction to the Gedun Choephel Artists Guild: Exploring the Lost and Found

Michael Stewart Cohen

Psychology/ Barbara Knowlton & Jesse A. Rissman

Neural Mechanisms of Value-Directed Remembering in Young and Older Adults

Emily Christine Cooper Cole

Near Eastern Languages and Cultures/ Jacco Dieleman

Interpretation and Authority: The Social Functions of Translation in Ancient Egypt

Patrick John Commins

Chemistry/ Miguel A. Garcia-Garibay

Synthetic Modifications and Solid State Structural Analysis of Bridged Molecular Gyroscopes and Solid State Photochemistry of Alkyl-Substituted α -Santonin

Neomie Ceta Congello

Nursing/ Deborah Koniak-Griffin

Influences of Perceived Environment,
Partner Support, and Attitudinal
Familism on Physical Activity among
Mexican American Women

Hannah Keziah Conrad

Anthropology/ Douglas W. Hollan

A Thorn in the Eye: Bosnian Mixed-
Ethnicity Families in a Polarized Land

Kate Melissa Craig

History/ Patrick Geary

Bringing out the Saints: Journeys of
Relics in Tenth to Twelfth Century
Northern France and Flanders

Erin Necole Cue

Education/ Sandra H. Graham

Let's YAP about the Future: A Youth
Attribution Program for African
American 6th Graders

Abigail Ann Curtis

Biology/ Blaire Van Valkenburgh

A Three-Dimensional Quantitative
Investigation of Frontal Sinus Morphology
and Function in Mammalian Carnivores

Xinghong Dai

Biomedical Engineering/ Hong Zhou

Comparative Structural Studies of
Human Herpesvirus Capsids and
Capsid-Associated Tegument Proteins

Aritra Das

Epidemiology/ Roger Detels

Childhood Disclosure Related Issues and
Life Experiences of Children Living with
HIV in West Bengal, India and Formulation
of an Instrument for Assessment of Their
Health Related Quality of Life

Jack Alexander Davey

Archaeology/ Lothar Von Falkenhausen

Mortuary Ritual and Social
Development in Iron Age Korea

Damek Shea Davis

Mathematics/ Wotao Yin

On the Design and Analysis of Operator-
Splitting Schemes

Dwight Ritchie Davis

Sociology/ Cameron D. Campbell

Continuity and Change in Mainland
China's Recent Marriage History

Michael Francis DeLand

Sociology/ Jack Katz

Who's Got Next? Social Integration at a
Public Park Basketball Court

Jennifer Monique Delgado

Culture and Performance/ David H. Gere

Making Stories, Writing the World:
Critical Strategies for Arts-Based
Practices with Los Angeles Urban Youth

David Jeffrey DeLiema

Education/ Noel D. Enyedy

The Interpersonal Organization of
Failure and Knowledge in Mathematics
Tutoring

Jessica L. DeLisi

Indo-European Studies/ H. Craig Melchert

Epenthesis and Prosodic Structure in
Armenian: A Diachronic Account

Timothy Richard Dempsey

Indo-European Studies/ H. Craig Melchert

Verbal Reduplication in Anatolian

Jun Deng

Molecular, Cellular, and Integrative
Physiology/ Hui Sun

Identification of New Trophic Factors
that Prevent Photoreceptor Degeneration

Robert Arthur Denomme
Mathematics/ Raphael Alexis Rouquier
Character Formulas for 2-Lie Algebras

Peter Thomas Setsuda Devore
Physics/ Seth J. Putterman & Bahram
Jalali

Full-Field Spectroscopy at Megahertz-
Frame-Rates: Application of Coherent
Time-Stretch Transform

Han-Ching Tseng Dick
Oral Biology/ Anahid Jewett
Natural Killer Cells as Immune Effectors for
Selection, Differentiation and Resistance of
Healthy and Transformed Stem Cells

Rhodri David Dierst-Davies
Public Health/ Linda B. Bourque
Gaps in Ancillary Services among HIV-
infected Substance Using Ryan-White
Recipients in Los Angeles County

Lisa Marie Dillman
Education/ Marvin C. Alkin &
Christina A. Christie
Alignment between Intention and
Implementation: A Case Study of the
Robert Wood Johnson Foundation's
Evaluation Policies

Jeffrey Nelsfranklin Dock
Cellular and Molecular Pathology/ Rita
B. Effros

Beyond Blood: Expanding Immune
Studies to the Human Gut

Courtney Kay Domigan
Molecular, Cell, and Developmental
Biology/ Luisa M. Iruela-Arispe
Novel Vascular Endothelial Growth
Factor Signaling in Heart Development
and Endothelial Homeostasis

Wenda Dong
Mechanical Engineering/ Christopher
S. Lynch

Characterization, Modeling, and Energy
Harvesting of Phase Transformations in
Ferroelectric Materials

Reena Hemendra Doshi
Epidemiology/ Anne W. Rimoin
Assessing Trends in Measles
Epidemiology, Immunization Coverage,
Vaccine Efficacy, and Cost-Effectiveness
to Identify Practical Strategies for
Measles Elimination in the Democratic
Republic of Congo

Colin C. Doty
Information Studies/ Leah A. Lievrouw
Misinformation on the Internet?: A
Study of Vaccine Safety Beliefs

Colin Joseph Douglas
Biochemistry and Molecular Biology/
Carla Marie Koehler
Investigation and Characterization
of Small Molecule Modulators for
Mitochondrial Processing Peptidase

Susan Maria Drange
Education/ Mitchell J. Chang
The Dilemma of Leadership in Research
Universities

Talya Louise Drescher
Special Education/ Sandra H. Graham
Crossing the Special-General Education
Divide at the Postsecondary Level:
Observations and Outcomes of Co-
Teaching across Curricula

Jonathan Phillip Drury
Biology/ Gregory F. Grether
The Interplay between Agonistic
Character Displacement and
Reproductive Interference in Rubyspot
Damselflies (*Hetaerina* spp.)

Sienmi Du

Molecular, Cellular, and Integrative
Physiology/ Rhonda Renee Voskuhl

Parent-of-Origin Sex Chromosome
Effects on the Immune and Central
Nervous System during Experimental
Autoimmune Encephalomyelitis

Nelida Duran

Public Health/ Charlot G. Neumann

Managing Nutrition and Health in a
Changing Climate: A Yellowknives Dene
First Nation Perspective

Anita Dushyanth

Biomedical Engineering/ Joseph L. Demer

Motion Correction in Orbital Imaging
Using MRI Compatible Eye Tracker

Timothy Andersen Dwight

Chemistry/ Michael E. Jung

The Synthesis and Biological Activity
of 2'-Fluoro-N-methanocarbothymidine
Epimers and an Approach towards the
Synthesis of Morphine

Maura Dominique Dykstra

History/ Roy Bin Wong

Complicated Matters: Commercial
Dispute Resolution in Qing Chongqing
from 1750 to 1911

James Rhys Edwards

Ethnomusicology/ Roger Savage

Between Two Worlds: A Social History
of Okinawan Musical Drama

Jongyeon Ee

Education/ Gary A. Orfield & Patricia
C. Gandara

Exploring Parental Attitudes and
Experiences in Korean-English Two-Way
Immersion Programs

Emily Elisabeth Ekins

Political Science/ John R. Zaller

Tea Party Fairness: How the Idea of
Proportional Justice Explains the Right-
Wing Populism of the Obama Era

Kjerstin Elmen-Gruys

Sociology/ Abigail Cope Saguy

Properly Attired, Hired, or Fired:
Aesthetic Labor and Social Inequality

Joshua Darr EmBree

Statistics/ Mark Stephen Handcock

Spatial Temporal Exponential-Family
Point Processes for the Evolution of
Social Systems

Gennady Erlikhman

Psychology/ Philip Kellman

Understanding Spatiotemporal
Boundary Formation: Processes, Models,
and Scope

Guadalupe Escobar

English/ Rafael Perez-Torres

Arms of America: Latina Literary Re-
Interventions & Reinventions

Leyla Esfandiari

Biomedical Engineering/ Jacob J.
Schmidt

PCR-Free Nucleic Acid Detector Based
on Nanopore Sensing

Omri Even Tov

Management/ Brett Michael Trueman

Can the Bond Price Reaction to Earnings
Announcements Predict Future Stock
Returns?

Oluwatoyin Folasade Fafowora

Epidemiology/ Anne L. Coleman & Michael B. Gorin

Arterial Thromboembolic Events following Intravitreal Vascular Endothelial Growth Factor Inhibitor Therapy for Age-Related Macular Degeneration in Regular Clinical Practice

Azin Faghihi

Mechanical Engineering/ James S. Gibson

Identification of State-Space Models for High-Order Linear Systems and Optical Wavefronts

Sean Patrick Fahle

Economics/ Kathleen M. McGarry

Essays on Intergenerational Transfers

Chuncui Fan

Geography/ David L. Rigby & C. Cindy Fan

A Spatial Analysis of Wage Inequality among Foreign-Born Workers in U.S. Metropolitan Areas

Jingyi Fang

Computer Science/ Demetri Terzopoulos

The Modeling and Animation of Myriapoda

John Gordon Farrell

History/ William R. Summerhill

Southern Exposure: Latin Americans View the United States, 1783-1900

Benjamin Jacob Feinberg

Civil Engineering/ Eric M. V. Hoek

Scale-up Characteristics of Salinity Gradient Power Technologies

David Victor Felber

Computer Science/ Rafail Ostrovsky

Order Statistics and Variability in Data Streams

William Myers Feldman

Mathematics/ Christina Kim

Asymptotic Behavior of Nonlinear PDE: Dynamic Stability of a Droplet Model and Boundary Data Homogenization

Gabriel Benjamin Ferguson

Molecular Biology/ Julian Antonio Martinez

Yorkie and Scalloped Signaling Regulates Progenitor Maintenance and Differentiation in *Drosophila* Hematopoiesis

Marcia Ferreira

Civil Engineering/ Michael K. Stenstrom

Rational Design Concepts Applied to Stormwater Runoff Management

Tanya Figueroa

Education/ Sylvia Hurtado

Underrepresented Racial/Ethnic Minority Graduate Students in Science, Technology, Engineering, and Math (STEM) Disciplines: A Cross Institutional Analysis of Their Experiences

Heidi Jean Fischer

Biostatistics/ Robert Erin Weiss

Statistical Methods for Ultrafine Particle Distributions

Joshua Henry Fishbein

Music/ Ian Krouse

Leonard Bernstein's *Chichester Psalms*: An Analysis and Companion Piece

Colin Flinders

Biological Chemistry/ Joseph Ambrose Loo

Multi-omic Analysis of B-Cell Lymphoma Reveals Novel Mechanisms of Chemotherapeutic Drug Resistance

Craig Alton Fogle

Physics/ Joseph A. Rudnick

On Mechanical Transitions in
Biologically Motivated Soft Matter
Systems

Eric Warren Fox

Statistics/ Frederic R. Paik Schoenberg

Estimation and Inference for Self-
Exciting Point Processes with
Applications to Social Networks and
Earthquake Seismology

Adam Charles Frank

Neuroscience/ Alcino Jose Silva

Dendritic Spine Dynamics in
Retrosplenial Cortex during Spatial
Learning

Rhoda Yvette Robinson Freelon

Education/ John S. Rogers

Dollars and Sense(making): An
Examination of African American
Parents' Pecuniary and Non-Pecuniary
Educational Investment Decisions

David J. FriedellPhilosophy/ Samuel John Cumming &
Terence Dwight Parsons

Abstract Artifacts

Ryan Christopher Gabrys

Electrical Engineering/ Lara Dolecek

Channel Coding Strategies for Emerging
Data Storage Systems

Keith Donald Gaddis

Biology/ Victoria Sork

The Population Biology of Dispersal and
Gene Flow in the Desert Shrub *Acacia*
(*Senegalia*) *greggii* A. Gray in the Mojave
National Preserve

John Alfred GallagherMechanical Engineering/ Christopher
S. Lynch

Field-Induced Phase Transformations in
Relaxor Ferroelectric Single Crystals

Wenyang Gan

Mathematics/ Benjamin Sudakov

Several Problems in Extremal
Combinatorics

Jing GaoMaterials Science and Engineering/
Yang Yang

Optimizing Morphology of Bulk
Heterojunction Polymer Solar Cells

Juan Carlos Garibay

Education/ Mitchell J. Chang

Beyond Traditional Measures of Success
in STEM: Predictors of STEM Bachelor's
Degree Recipients' Values toward Using
Research and Sociopolitical Involvement
to Promote a More Equitable Society

Jennifer Ann Garland

Nursing/ Wendie A. Robbins

Examining the Relationships among
Neurocysticercosis, Presenting
Symptoms, and Stroke

Rees Frederik Garmann

Chemistry/ William M. Gelbart

The Self-Assembly of Cowpea Chlorotic
Mottle Virus

Jeremiah Robert GarzaHealth Policy and Management/
Frederick J. Zimmerman

Stressful Social Comparisons and
Daily Stressors: Examining Their
Role as Psychosocial Explanations in
Socioeconomic Health Disparities

Dylan G. Gee

Psychology/ Nim Linnette Delafield & Tyrone D. Cannon

Amygdala-Prefrontal Function and Clinical Course among Adolescents and Young Adults at Clinical High Risk for Psychosis

Rachel L. George

Anthropology/ Alessandro Duranti

Pride and Pragmatism: Linguistic and Political Ambivalence in the Everyday Lives of Serbian Students and Teachers

Levon Gevorkyan

Mechanical Engineering/ Ann R. Karagozian & Owen I. Smith

Structure and Mixing Characterization of Variable Density Transverse Jet Flows

Karleen Frances Giannitrapani

Health Policy and Management/ Jack Needleman

Determinants of Interdisciplinary Healthcare Team Functioning

Duncan G. Gilbert

Culture and Performance/ Susan Leigh Foster

A Conceit of the Natural Body: The Universal-Individual in Somatic Dance Training

Jonathan Gillespie

Education/ Wellford W. Wilms

Don't Hate, Just Mediate: Understanding the Impact of a Conflict Mediation Program on Adolescents' Experiences with Conflict, Safety and Help Seeking in Urban Schools

Raymond Marshall Gipson

Chemistry/ Miguel A. Garcia-Garibay & Caius Gabriel Radu

I) The Development of Deoxycytidine Kinase Inhibitors with Nanomolar Affinity and Improved Metabolic Stability

II) The Synthesis of Ferrocene-Containing Monomers and Biodegradable Polymers Using Azide-Alkyne Click Chemistry and Ring Opening Polymerization

Shiva Gojgini

Chemical Engineering/ Tatiana Segura

Vascular Endothelial Growth Factor (VEGF) Presentation Modulates Endothelial Cell Signaling and Vascular Branching in Engineered Matrices *in vitro* and *in vivo*

Elizabeth Rose Goldenberg

Psychology/ Catherine M. Sandhofer

The Role of Context in Early Language Development

Andrew Gomez

History/ Frank Tobias Higbie

Cubans and the Caribbean South: Race, Labor, and Cuban Identity in Southern Florida, 1868-1928

Chao Gong

Electrical Engineering/ Chandra J. Joshi & Warren B. Mori

Optical Probing of CO₂ Laser-Plasma Interactions at near Critical Density

Nathan Gonzalez

Political Science/ Steven L. Spiegel

Artificial Borders and Mass Violence

Ana Luz González

Urban Planning/ Abel Valenzuela

Formalizing Day Labor Markets: Worker Centers and Worker Integration

Andrew Austin Gooch

Political Science/ Lynn Vavreck

Beyond Party Identification: How Elites Shape Public Opinion and Ways They Are Constrained

Aaron Bradley Gorelik

English/ Arthur L. Little

The AIDS Poets, 1985-1995: From Anti-Elegy to Lyric Queerness

Noah Daniel Grand

Sociology/ Steven E. Clayman

The Emergence of Newsworthiness: Inclusion, Exclusion and Inequality in Political News and Online Media

Cristina Richieri Griffin

English/ Jonathan H. Grossman

Omniscience Incarnate: Being in and of the World in Nineteenth-Century Fiction

Beayna Grigorian

Computer Science/ Glenn D. Reinman

High Performance Heterogeneous Acceleration: Exploiting Data Parallelism and Beyond

Alon Grinbaum

Electrical Engineering/ Aydogan Ozcan

Multi-Height-Based Lensfree On-Chip Microscopy for Biomedical Applications

Federico Grinberg

Economics/ Ariel Tomas Burstein

Essays in Exchange Rates and Prices

Deborah Grodzicki

Education/ Christina A. Christie

Exploring the Use of Evidence to Reform Practice in Community College

Eric Hans Gschweng

Microbiology, Immunology, and Molecular Genetics/ Donald Barry Kohn

Cancer Immunotherapy Using Engineered Hematopoietic Stem Cells

Zheng Gu

Biomedical Physics/ Arion-Xenofon Hadjioannou

Towards High Sensitivity and High Spatial Resolution Positron Emission Tomography Imaging

Feng Guan

Mathematics/ Kefeng Liu

Affine Structure on the Teichmüller Spaces and Period Maps for Calabi-Yau Manifolds

Shu-Sha Angie Guan

Psychology/ Andrew J. Fuligni & Theodore Francisco Robles

Social Support across Source and Context: Implications for Well-Being during Adolescence and Young Adulthood

Jennie Meris Gubner

Ethnomusicology/ Timothy D. Taylor

Tango, Not-For-Export: Participatory Music-Making, Musical Activism, and Visual Ethnomusicology in the Neighborhood Tango Scenes of Buenos Aires

Sonali Gupta-agarwal

Archaeology/ Willemina Z. Wendrich

Understanding Transmission of Skills Influencing Continuity or Change Through Locally Manufactured Utilitarian Ware at Greco Roman Karanis

Marco Antonio Guzman

Sociology/ Michael Mann & Cesar J. Ayala

Imposing Capitalism: Japanese and American Colonialism in Taiwan, the Philippines, and Cuba, 1890s-1920s

Sherwood Julius Hachtman

Mathematics/ Itay Neeman

Calibrating Determinacy Strength in Borel Hierarchies

Soultana Haftoglou

Public Health/ May-Choo Wang & William J. McCarthy

Relationship between Sugar Sweetened Beverage Consumption and Academic Performance among Elementary and Middle School Children

Angela P. Halpin

Nursing/ Felicia S. Hodge & Mary A. Lewis

Communication and Framing Effects on Pneumonia Readmission Reduction

Holly Kendall Hamilton

Psychology/ Cindy M. Yee-Bradbury

Clinical Correlates and Neural Substrates of P50 Suppression Deficits in Schizophrenia

William Hamm

Culture and Performance/ Christopher Alan Waterman & Cheryl L. Keyes

Destination Gorée: A Dialogic Analysis of the Dialectic of Un-Belonging and Belonging as Rehearsed and Performed through Diasporic Tourism

Albert Yoon-Kyu Han

Neuroscience/ Bennett G. Novitch

Molecular and Functional Characterization of the Developing Respiratory Motor Circuit

Eun-Jung Han

Biostatistics/ Janet S. Sinsheimer & John Peter Novembre

Addressing Challenges for Population Genetic Inference from Next-Generation Sequencing

Seongwon Han

Computer Science/ Mario Gerla

Design of Underwater Mobile Sensor Networks for Real-Time Aquatic Applications

Ellen Renee Harju

Geochemistry/ Kevin D. McKeegan & Edward Donald Young

Aqueous Alteration and Silicon and Magnesium Isotope Measurements in CR and CV Chondrites

Lauren Allison Harrell

Biostatistics/ Thomas R. Belin

Analysis Strategies for Planned Missing Data in Health Sciences and Education Research

Jere Harrison

Electrical Engineering/ Robert N. Candler & Jack W. Judy

MEMS Multi-Pole Electromagnets: Compact Electron Optics and Undulators

Bryan Hikari Hartzheim

Film and Television/ John T. Caldwell

Inside the Media Mix: Collective Creation in Contemporary Manga and Anime

Aletha Marie Harven

Education/ Sandra H. Graham

Black and Latino Adolescents' Perceptions of Racial Discrimination and School Adjustment: Parent Educational Advocacy and Friendship Support as Protective Factors

Alma Rachel Heckman

History/ Sarah Abrevaya Stein

Radical Nationalists: Moroccan Jewish Communists 1925-1975

Courtney Mariel Heldreth

Psychology/ Jenessa Rachel Shapiro

Messages that Minimize the Existence of Racism Have Different Consequences for Racial Minority and Majority Group Members

B. Everett Hendrickson

Education/ Sol Cohen & Val D. Rust

Trust, Proof and Persuasion in Historiography: A Litigation Analogy

Ri-Liang Heng

Mechanical Engineering/ Laurent G. Pilon

Measurements and Predictions of the Radiation Characteristics of Biofuel-Producing Microorganisms

Alice Marie Hampton Henton

English/ Michael J. Colacurcio

Spectral Evidence of the Invisible World: Gender and the Puritan Supernatural in American Fiction, 1798-1856

Alexandro David Hernández

Ethnomusicology/ Steven J. Loza

The *Son Jarocho* and *Fandango* Amidst Struggle and Social Movements: Migratory Transformation and Reinterpretation of the *Son Jarocho* in La Nueva España, México, and the United States

Robyn Rene Herrera

Special Education/ Connie L. Kasari

Communication Profiles of Children with Profound Visual Impairment and Their Caregivers

Mary Nugent Hersh

Nursing/ Sally Louise Maliski

Understanding the Process by Which Acute Care Nurses Engage in Nursing Presence with Terminally Ill Patients

Jason Timothy Taksony Hewitt

Information Studies/ Jonathan Furner

Dark Ecologies of Knowledges: A Postphenomenological Approach to Architectonics as Terraprocess

Christopher William Hilson

Civil Engineering/ John Wright Wallace

Analytical and Experimental Studies of the Seismic Performance of Reinforced Concrete Structural Wall Boundary Elements

Lorinda Yee Chia Ho

Psychology/ Anna Shan-Lai Chung

Ethnic Differences in Engagement in Parent Training: Patterns of Attendance, Attitudes, and Impact on Treatment Outcomes

Megan Danielle Hoban

Microbiology, Immunology, and Molecular Genetics/ Donald Barry Kohn

Site-Specific Gene Correction of Hematopoietic Stem Cells for Sickle Cell Disease

Nicole Amanda Hoff

Epidemiology/ Anne W. Rimoin

Utilization Assessment of Infectious Disease Surveillance Data to Enhance Methods for Better Understanding Disease Occurrence, Trends and Gaps in Disease Reporting in a Resource Limited Setting: Monkeypox in the Democratic Republic of Congo

Geoffrey Jonathan Hoffman

Health Policy and Management/ Susan Louise Ettner

Risk Predictors, Outcomes, and Costs of Falls among Older Adults Living in the Community

Amanda Farrell Hollander

English/ Joseph E. Bristow

The Fabian Child: English and American Literature and Socialist Reform, 1884-1915

Jui-Yang Hong

Biomedical Engineering/ Danny Jiong Jiong Wang & Emeran Mayer

Structural and Functional Brain Alterations in Patients with Irritable Bowel Syndrome

Huiyi Hu

Mathematics/ Andrea Bertozzi

Graph Based Models for Unsupervised High Dimensional Data Clustering and Network Analysis

Wei Hu

Materials Science and Engineering/ Qibing Pei

Synthesizing New Dielectric Elastomers for Actuation

Chih-Yung Huang

Mechanical Engineering/ Daniel C. Yang

New Twin Screw Compressor Design by Deviation Function Method

Chu-Hsiang Huang

Electrical Engineering/ Lara Dolecek

Iterative Information Processing on Unreliable Hardware: An Information Theoretic Approach

Hui Huang

Computer Science/ Jingsheng Jason Cong

Compiler Support for Customizable Domain-Specific Computing

Ming-Chun Huang

Computer Science/ Majid Sarrafzadeh

Sensor Analytics for Healthcare Improvement

Wenjia Huang

Computer Science/ Demetri Terzopoulos

Door and Doorway Etiquette for Virtual Humans

Rachel Colleen Huber

Chemistry/ Sarah H. Tolbert

Self-Assembly of Semiconducting Polymers and Fullerenes for Photovoltaic Applications

Heather Mary Willihnganz Huffman

Anthropology/ Linda C. Garro

An Education in Relationship: Developing a Professional Use of Self in Social Work Education and Implications for Psychocultural Theory

Bryce Edward Hughes

Education/ Sylvia Hurtado

“Who Am I to Judge?:” How a Jesuit University Addresses LGBT Issues on Campus

Melissa Lynn Hughes

Chemistry/ Miguel A. Garcia-Garibay

Photochemistry and Photophysics of Highly Ordered Materials in the Solid State: Synthesis and Dynamics of Molecular Rotors, Photodegradation of Bird Feathers, Studies of Photodecarbonylation by Transient Absorption Spectroscopy

Angela An-Chi Hwang

Chemistry/ Jeffrey I. Zink

The Properties of Mesoporous Silica Nanomaterials and Their Biological Applications

George Morin Ingersoll

Education/ Richard L. Wagoner & Linda J. Sax

A Comparison of Online Instructional Strategies across Key Student Outcomes

Andrea Iorga

Molecular, Cellular, and Integrative Physiology/ Mansoureh Eghbali

Estrogen Therapy Rescues Advanced Heart Failure via Estrogen Receptor Beta

Olga Ivanova

Applied Linguistics/ Marjorie Harness Goodwin & Katrina Thompson

The Politics of Knowledge in Youth Education about Reproductive Health in Tanzania

Jonathan Patrick Jacobs

Cellular and Molecular Pathology/ Jonathan Braun

Inflammatory Bowel Disease-Associated Dysbiosis and Immune Gardening of the Intestinal Microbiome

Alexander Scott James

Psychology/ James David Jentsch

A Neurogenetic and Genomic Characterization of Reward-Seeking Behaviors

Shyam Shirish Jani

Biomedical Physics/ James Michael Lamb

Automatic Detection of Patient Identification and Positioning Errors in Radiotherapy Treatment Using 3D Setup Images

Benjamin Fletcher Jarvis

Sociology/ Jennie Elizabeth Brand

Matching Residential Mobility to Race-Based Neighborhood Preferences in Los Angeles: Implications for Racial Residential Segregation

Areum Jeong

Theater and Performance Studies/ Sue-Ellen Case

Performing Colonial Imagi-nation

Ting Ji

Economics/ Lee Ohanian

Essays on Macroeconomics

Chenfanfu Jiang

Computer Science/ Demetri Terzopoulos

The Material Point Method for the Physics-Based Simulation of Solids and Fluid

Yan Jin

Chemistry/ William M. Gelbart & Charles M. Knobler

Genome and Internal Protein Ejection from DNA Viruses

Sarah Anne Johnson

Molecular Biology/ Arnold J. Berk

A Multimeric Complex of Adenoviral Small E1A and Host Cell Proteins Condenses Chromatin

Sarah Jean Johnson

Education/ Marjorie E. Orellana & Frederick D. Erickson

The Social and Cognitive Worlds of Young Children Reading Together

Selah Shalom Johnson

History/ Brenda Stevenson

“Free D.C.!” The Struggle for Civil, Political, and Human Rights in Washington, D.C., 1965-1979

Brian Edward Johnstone

Education/ Val D. Rust

Critical Travel Pedagogy: Promoting a Critical Consciousness through International Travel Experiences

Erica Perlmutter Jones

Art History/ Steven D. Nelson

The Multiple Lives of Objects: Museum, Memory, and Modernity in the Cameroon Grassfields

Ruth Elizabeth Jones

French and Francophone Studies/

Patrick J. Coleman

Literature, Representation, and the Image of the Francophone City: Casablanca, Montreal, Marseille

Linzi Michel Juliano

Theater and Performance Studies/ Sue- Ellen Case

Transcoded Identities: Identification in Games and Play

Jaedal Jung

Mechanical Engineering/ Christopher S. Lynch & Ertugrul Taciroglu

Identification of Arbitrarily Shaped Scatterers Embedded in Elastic Heterogeneous Media Using Dynamic XFEM

Devin Michael Kachan

Physics/ Alexander Jacob Levine

Equilibrium and Nonequilibrium Fluctuation Effects in Biopolymer Networks

Abde Ali Kagalwalla

Electrical Engineering/ Puneet Gupta

Computational Methods for Design-Assisted Mask Flows

Argyris Kahros

Chemistry/ Benjamin Joel Schwartz

The Development of Rigorously Correct, Dynamical Pseudopotentials for Use in Mixed/Classical MolecularDynamics Simulations in the Condensed Phase

Avinash Kali

Biomedical Engineering/ Daniel B. Ennis & Rohan Dharmakumar

Non-Contrast Enhanced Cardiovascular Magnetic Resonance Imaging for Characterizing Chronic Myocardial Infarctions

Christopher Sunghwa Kang

Mechanical Engineering/ Tsu-Chin Tsao

Control of an Active Magnetic Bearing-Rotor System

Dezhi Kang

Molecular and Medical Pharmacology/ Huiying Li

Study of the Human Skin Microbiome Associated with Acne Vulgaris Using Metagenomic and Metatranscriptomic Approaches

Larisa Alexey Karkafi

Slavic Languages and Literatures/ Olga Kagan & David W. Macfadyen

Negative Language Transfer: A Study of Essays by Heritage and L2 Students of Russian at the Intermediate Mid Level of Proficiency

Chitrada Kaweeteerawat

Molecular Toxicology/ Hilary Godwin

The Toxic Effects of Nanoparticles in Bacterial Cells

Nancy Jo Kepple

Social Welfare/ Bridget J. Freisthler

Does Parent Substance Use Always Engender Risk for Children? An Examination of the Relationships between Substance Use Patterns, Social Support Type, and Child Maltreatment Behaviors

Wesley Thomas Kerr

Biomathematics/ Henry Huang & Mark S. Cohen

Developing and Integrating Computer-Aided Diagnostic Tools into Clinical Medicine

Matthew Dean Kiesz

Chemistry/ Jeffrey I. Zink

Spectroscopic Studies of Ground and Excited State Mixed Valence

David J. Kim

Information Studies/ Johanna R. Drucker

Archives, Models, and Methods for Critical Approaches to Identities: Representing Race and Ethnicity in the Digital Humanities

Elli Sua Kim

East Asian Languages and Cultures/ John Duncan

Rituals of Decolonization: The Role of Inner-Migrant Intellectuals in North Korea, 1948-1967

Linda Y. Kim

Nursing/ Courtney H. Lyder

The Effects of Simulation-Based TeamSTEPPS Interprofessional Communication and Teamwork Training on Patient and Provider Outcomes

Stephanie Kim

Education/ Val D. Rust

An International College in South Korea as a Third Space between Korean and US Models of Higher Education

Sungjin Kim

Mathematics/ William Drexel Duke

Average of the First Invariant Factor of the Reductions of Abelian Varieties of CM Type

Yan Kim

Health Services/ Jack Needleman

Using Administrative Data to Characterize Patterns of End-of-Life Care in Diverse Settings

Yun Jung Kim

Linguistics/ Megha Sundara

6-Month-Olds' Segmentation and Representation of Morphologically Complex Words

Adam Jeffrey King

Biostatistics/ Robert Erin Weiss

Bayesian Event History Analysis with Applications to Recurrent Episodes of Illicit Drug Use

Bryan Kirschen

Hispanic Languages and Literatures/ Claudia Parodi-Lewin & Antonio C. Quicoli

Judeo-Spanish Encounters Modern Spanish: Language Contact and Diglossia among the Sephardim of Los Angeles and New York City

Saanjh Aakash Kishore

Psychology/ Hector F. Myers & Anna Shan-Lai Chung

Social Identity Integration, Parental Response, and Psychological Outcomes among Lesbian, Gay, Bisexual, and Queer South Asian Americans

Bernhard Koller

Indo-European Studies/ H. Craig Melchert

Studies in Tocharian Phonology above the Word-Level

Mzilikazi Ashaki Koné

Political Science/ Mark Q. Sawyer

Sex Worker Political Development in Costa Rica: From Informal Solidarities to Formal Organizing

Jennifer Haruko Kong

Neuroscience/ Bennett G. Novitch

Exploring Roles of Notch and Sonic Hedgehog Signaling in the Developing Central Nervous System

Jacob Moss Konikoff

Biostatistics/ Ronald S. Brookmeyer

Cross-Sectional HIV Incidence Estimation: Techniques and Challenges

Bon Sang Koo

Political Science/ Barbara Geddes

Three Essays: Elections, Legislatures, and Ideal Principles

Xufeng Kou

Electrical Engineering/ Kang Lung Wang

Magnetic Topological Insulator and Quantum Anomalous Hall Effect

Benjamin Krause

Mathematics/ Terence Chi-Shen Tao

Some Results in Pointwise Ergodic Theory

Visnja Krzic

Music/ Ian Krouse

Clint Mansell: Music in the Films *Requiem for a Dream* and *The Fountain* by Darren Aronofsky

Ian Ku

Computer Science/ Mario Gerla

Software-Defined Mobile Cloud

Yen-Cheng Kuan

Electrical Engineering/ Mau-Chung Frank Chang

Design and Implementation of Digital Baseband Receiver for 60 GHz Wireless Communication

Joseph Steven Kuehn

Economics/ Connan Andrew Snider

Empirical Studies of Competition in Interrelated Markets

Robert J. Kurtzman

Economics/ Pierre-Olivier Weill & Andrew Granger Arkeson

Essays on Disciplining Financial Frictions in Macroeconomic Models

Moshe Nathaniel Lakser

History/ Herman Ooms

Politics, Work, Identity: Educational Theories and Practices in Meiji Era Fukuoka, 1879-1918

Daniel Wai Chuen Lam

Electrical Engineering/ Bahram Jalali & Asad Mohamed Madni

Digital Linearization and Wideband Measurements in Optical Links

Craig Martin Landry

Social Welfare/ Aurora P. Jackson

The Effects of Collaborative-Care Training on Paraprofessional Case Managers' Perceived Self-Efficacy, Knowledge, and Behaviors for Depression-Related Services Delivery

Monique Lanier Lane

Education/ Tyrone C. Howard

Engendering Sisterhood, Solidarity, and Self-love: Black Feminist Pedagogy and the Identity Formation of African-American Girls

Murong Lang

Electrical Engineering/ Kang Lung Wang

Transport Study of Three-Dimensional Topological Insulators

Gerasimos Langousis

Microbiology, Immunology, and
Molecular Genetics/ Kent L. Hill

Motility and Sensory Functions of the
Trypanosoma brucei Flagellum

Argelia Lara

Education/ Daniel G. Solorzano

Navigating Critical Terrain: The Decision
Making Process of Undocumented
Latina/o Graduate Students

Clare Williamson Larkins

Special Education/ Jeffrey J. Wood

Friendship in Children with Anxiety
Disorders: A Longitudinal Examination

Mik R. Larsen

History/ Ronald J. Mellor

The Representation of Poverty in the
Roman Empire

Edward Lau

Molecular, Cellular, and Integrative
Physiology/ Peipei Ping

Mitochondrial Protein Dynamics in
Cardiac Remodeling

Adam Christopher Lawrence

History/ Soraya De Chadarevian

A Member of the Food Chain?:
Quantifying Primary Productivity from
Nazi Germany to the International
Biological Program, 1933-1974

Janelle Lawson

Special Education/ Jeffrey J. Wood &
Lois A. Weinberg

Evaluating Special Education
Instructional Practices Using
Observation Rubrics: Investigating the
Reliability of School Administrator
Ratings

Peter Lawson

Musicology/ Mitchell Bryan Morris

Ritual, Myth, and Humanism in the
Origins of the Venetian Style

Mark Saul Lazari

Biomedical Engineering/ Robert
Michael Van Dam

Thinking inside the "Box:" Development
and Implementation of a Novel Automated
Radiosynthesizer for 18F-labeled Positron
Emission Tomography Tracers

Hai Phuoc Le

Mechanical Engineering/ Ann R.
Karagozian

Hydrodynamic Models for
Multicomponent Plasmas with
Collisional-Radiative Kinetics

Brian Andrew Leary

Mathematics/ Sorin Popa

On Maximal Amenable Subalgebras
of Amalgamated Free Product von
Neumann Algebras

Andrew Thomas Lech

Chemistry/ Richard B. Kaner

Synthesis, Structure, and Properties of
Refractory Hard-Metal Borides

Dennis Hyun-Seung Lee

Asian Languages and Cultures/ John
Duncan

Keyhole-shaped Tombs and Unspoken
Frontiers: Exploring the Borderlands of
Early Korean-Japanese Relations in the
5th-6th Centuries

Gloria Shen Lee

Chemistry/ Michael E. Jung

Progress towards the Total Synthesis
of Rugulosone and Methodologies of
Alkene Isomerization and Formation of
Substituted Adamantanones

Hanseung Lee

Electrical Engineering/ Tatsuo Itoh

Multiplexers and Antennas Based on
Metamaterial Transmission Line

Juneyoung Lee

Chemistry/ Heather D. Maynard

Trehalose Glycopolymers and Hydrogels
for Enhancing Protein Stability

Lawrence Lee

Music/ David Samuel Lefkowitz

Volume I: The Musical Nexus between
Medieval Christianity and Tibetan
Buddhism: The Analysis of Christopher
Theofanidis's *Rainbow Body*
Volume II: *Inner Voices for Orchestra*

Lydia Kyung-Min Lee

Molecular, Cell, and Developmental
Biology/ Hanna K. A. Mikkola

Markers and Regulators Defining the
Development of Hematopoietic Stem
Cells and Their Niches

Michelle Chang-Hsien Lee

Comparative Literature/ Ali Behdad

Imagination, Mimesis and Style:
Nineteenth-Century French Travel
Narratives, Realism and Photography

Moonsoo Lee

Education/ Li Cai

Application of Higher-Order IRT
Models and Hierarchical IRT Models to
Computerized Adaptive Testing

Sinwoo Lee

Asian Languages and Cultures/ John
Duncan

Contesting Seoul: Contacts, Conflicts,
and Contestations Surrounding Seoul's
City Walls, 1876-1919

Sunghoon Lee

Computer Science/ Majid Sarrafzadeh

Objective Assessment of Motor Deficits
in Patients with Degenerative Spinal
Cord Disorders

Joseph William Lehner

Archaeology/ Elizabeth F. Carter

Cooperation, the Craft Economy, and
Metal Technology during the Bronze and
Iron Ages in Central Anatolia

Lauren Norris Lessard

Public Health/ Anne R. Pebley

Obesity and Contraception

Alexander James Lessie

Classics/ Amy Ellen Richlin

Becoming Mark Antony: A
Metabiographical Study of
Characterization and Reception

Yaron Levi

Management/ Ivo I. Welch

Information Architecture and
Intertemporal Choice: A Randomized
Field Experiment in the United States

Dov Haim Levin

Political Science/ Arthur A. Stein

"George Washington Must Go:" The
Causes and Effects of Great Power
Electoral Interventions

Chi-Yu Li

Computer Science/ Songwu Lu

Toward Customizable Wi-Fi

Quan Li

Molecular, Cellular, and Integrative
Physiology/ Yi Sun & Christopher S.
Colwell

Dysfunction of Circadian System in a
Mouse Model of Rett Syndrome

Shanshan Li

Geophysics and Space Physics/ Vassilis Angelopoulos

On the Generation and Expulsion of Plasmoids in Earth's Magnetotail

Wei Li

Neuroscience/ Jamie Donald Feusner

Visual Processing Abnormalities in Anorexia Nervosa and Body Dysmorphic Disorder

Zhao Li

Chemistry/ Yung-Ya Lin

Early Cancer Detection and Targeted Therapy by Magnetic Resonance Molecular Imaging and Nano Medicine

Ziwei Li

Molecular, Cell, and Developmental Biology/ Amander Therese Clark

PRMT5 is an Essential Survival Factor for Ground State Pluripotency and Primordial Germ Cells: from Primordial Germ Cell Differentiation *in vitro* to Mammalian Germline *in vivo*

Jae Han Lim

Electrical Engineering/ Danijela Cabric & Mario Gerla

Cognitive Radio Network (CRN) System for Vehicle Safety Applications

Andrew Lin

Electrical Engineering/ Diana L. Huffaker

Investigating the Growth, Structural, and Electrical Properties of III-V Semiconductor Nanopillars for the Next-Generation Electronic and Optoelectronic Devices

En-Wei Lin

Chemistry/ Heather D. Maynard

Synthesis of Poly(ethylene Glycol) Derivatives for Bioconjugation and Surface Patterning

Kristen Marie Lindblom

Applied Linguistics/ Charles Goodwin

Constructing a Recovering Self: Identity Presentation through Narratives in the Context of Addiction

Jori Lindley

Applied Linguistics/ Hongyin Tao

A Corpus-Based Cognitive-Functional Study of the Meaning and Use of "Always" and "Never," and Related Phenomena, in American English

Jenny Chen Link

Molecular Biology/ Karen Reue

The Sex Chromosome Complement Is an Important Determinant in Obesity and Related Diseases

Chase Schilling Linsley

Biomedical Engineering/ Benjamin M. Wu

Development of a Light Actuated Drug Delivery-on-Demand System

Haoyang Haven Liu

Chemical Engineering/ Yoram Cohen

Multimedia Environmental Distribution of Nanomaterials

Jason Jun Hing Liu

Computer Science/ Majid Sarrafzadeh

Body Pressure Image Analyses: Static, Dynamic, and Sensing Strategies for a Pressure Sensitive Bedsheet

Xing Liu

Epidemiology/ Zuofeng Zhang

Genetic Susceptibility and Environmental Risk Factors of Liver Cancer, a Population-Based Case-Control Study in Jiangsu Province, China

Yajing Liu

Mathematics/ Ciprian Manolescu

Applications of the Link Surgery
Formula in Heegaard Floer Homology

Dennis Hwa Lo

Film and Television/ Nicholas K. Browne

Imaging Communities: Location Shooting
as Place-Making in Contemporary
Chinese and Taiwanese Cinemas

Lotus Kyi Loo

Microbiology, Immunology, and
Molecular Genetics/ Genhong Cheng

Differential Roles of the TRAF3 Adapter
Protein in Adipogenesis and Glucose
Metabolism

Ana Karina Soltero López

Education/ Tyrone C. Howard

Examining the Role an “*Illegal*”
Identifier Has on the Identity, Social
Interactions, and Academic Experiences
of Undocumented Latina/o Students

Steven Alexander Lopez

Chemistry/ Kendall N. Houk

Computational Investigations of New
Bioorthogonal Cycloadditions and
Organic Semiconducting Materials

Theresa Marie Lorch

Education/ Walter R. Allen

Entering the Big Zone: Accruing Social
Capital in a Developmental Learning
Community for Nontraditional Student
Success

Chung-Yu Lou

Electrical Engineering/ Babak
Daneshrad

An Analytical Packet Error Rate
Prediction for Punctured Convolutional
Codes and an Application to CRC Code
Design

Ben Lourie

Management/ Carla Hayn

The Revolving-Door of Sell-Side
Analysts: A Threat to Analysts’
Independence?

Bin Lu

Biomedical Engineering/ Jacob J.
Schmidt

Develop an Artificial Lipid Bilayer Array
Platform and Screen Nanoparticle-
Membrane Interactions

Nicholas Ferris Lustig

Geography/ Michael R. Curry

Rereading Foucault on Technology,
Variation, and Contemporary Power

Alan Patrick Mackey

Mathematics/ Andrea Bertozzi &
Stanley J. Osher

Part I: Steady States in Two-Species
Particle Aggregation
Part II: Sparse Representations for
Multiscale PDE

Paasha Mahdavi

Political Science/ Michael L. Ross

The Politics of Oil Nationalizations

Ata Mahjoubfar

Electrical Engineering/ Bahram Jalali

High-Speed Imaging and Optical Sensing
Systems for Biomedical Applications

Hasan Mahmud

Sociology/ Ruben Hernandez-Leon &
Min Zhou

Migrants’ Remitting beyond Altruism
and Self-Interest: A Study of Remitting
Practices among Bangladeshi Migrants in
Tokyo and Los Angeles

Amy Malek

Anthropology/ Suzanne E. Slyomovics
& Sondra Hale

Producing Culture, Producing Practice:
Iranians in Sweden and Canada

Mahsa Malekmohammadi

Biomedical Engineering/ Nader
Pouratian & Xiao Hu

Subcortical-Cortical Network Dynamics
in the Human Brain

Sheila Anne Malone

Theater and Performance Studies/ Sue-
Ellen Case

Sites of Sociality: Performances of
Dyke Identifications through Social
Networking

Anton Sergeevich Malyshev

Mathematics/ Igor Pak

Combinatorics of Finitely Generated Groups

Kristin Leilani Mann

Classics/ Kathryn Anne Morgan &
Amy Ellen Richlin

The Fabulist in the Fable Book

Agostino Mantegna

Geography/ John A. Agnew

The Territorial Logic of Political
Clientelism: Southern Italy and
California, 1870-1992

Yuhao Mao

Atmospheric and Oceanic Sciences/
Qinbin Li

Sources of Black Carbon in the Western
United States Mountain Ranges

Yuliya Marchetti

Statistics/ Qing Zhou

Solution Path Clustering with Minimax
Concave Penalty and Its Applications to
Noisy Big Data

Michaela Jeanette López Mares-Tamayo

Education/ Daniel G. Solorzano

Chicana/o Historical Counterstories:
Documenting the Community Memory
of Junipero Serra and Clark Street Schools

Alvaro Felipe García Marin

Management/ Edward E. Leamer &
Nico Voigtlaender

Essays on Firms and International Trade

Juan Jesús Payán Martín

Hispanic Languages and Literatures/
Jesus Torrecilla

*La magia postergada: género fantástico e
identidad nacional en la España del XIX*

Llanet Martín

Education/ Richard L. Wagoner

The Hidden Curriculum Exposed:
How One Outreach Program Bridges
Cultural Capital and Cultural Wealth for
Latina/o Community College Transfer
Students

Antonio Nieves Martinez

Education/ Tyrone C. Howard

Movement of the People: Teacher
Development in a TeacherLed Inquiry
Group and the Application of Teacher
Generated Knowledge

Mary Theresa Martinez-Wenzl

Education/ Patricia C. Gandara

¿Listo para el colegio? Examining College
Readiness among Newcomer Latino
Immigrants

Laurel Martin-Harris

Neuroscience/ Susan Y. Bookheimer

Biological and Environmental Factors
Impacting Risk of Cognitive Decline:
Imaging β -Amyloid Plaques, Tau
Neurofibrillary Tangles and the 5HT1A
Receptor

Maya Maskarinec

History/ Patrick Geary

Building Rome Saint by Saint. Sanctity from Abroad at Home in the City (6th-9th Century)

Adam Russell Masters

Philosophy/ Mark D. Greenberg

On Emotion

Nicholas Masao Matsumoto

Chemistry/ Heather D. Maynard

Protein-Polymer Nanomaterials for Therapeutic Applications

Jerrid E. Matthews

Computer Science/ Mario Gerla

Quality of Information Driven Environment Crowdsourcing and Its Impact on Personal Wellness Applications

Folasade Popoola May

Health Policy and Management/ Roshan Bastani

Black-White Disparities in Colorectal Cancer Incidence, Screening, and Outcomes

Kristine Marie Mayle

Bioengineering/ Daniel T. Kamei

Novel Polypeptide-Based Biomaterials for Prostate Cancer Therapies

Jared Graham McBride

History/ John Arch Getty

“A Sea of Blood and Tears:” Ethnic Diversity and Mass Violence in Nazi-Occupied Volhynia, Ukraine, 1941-1944

Jason Matthew McCombs

Asian Languages and Cultures/ Gregory Robert Schopen

Mahayana and the Gift: Theories and Practices

David James McCoul

Materials Science and Engineering/ Qibing Pei

Dielectric Elastomers for Fluidic and Biomedical Applications

Melissa Nicole McCracken

Molecular and Medical Pharmacology/ Owen N. Witte

Non-Invasive Monitoring of Hematopoietic Reconstitution and Immune Cell Function through Positron Emission Tomography

Whitney S. McDonald

Neuroscience/ Neil G. Harris

The Role of Lysophosphatidic Acid in Traumatic Brain Injury Outcomes

November Hope Sen-Tam McGarvey

Public Health/ Marjorie Kagawa Singer

Predictors of Burden among Informal Caregivers of Patients with Chemotherapy-Induced Anemia in the United States, France and Italy

Jennie Lee McKenney

Epidemiology/ Pamina M. Gorbach

Behavior Change and Other Factors Related to HIV Transmission among Female Seroconverters in Microbicide Trials

Amelia Ahlers McNamara

Statistics/ Frederic R. Paik Schoenberg & Robert L. Gould

Bridging the Gap between Tools for Learning and for Doing Statistics

Aaron Michael Mead

Philosophy/ Pamela Hieronymi

On Loving Some People More than Others

Leonard Melchor

Culture and Performance/ Peter M. Sellars

Mexican in Four Images: Cinema, Self and Soccer in the Creation of Real and Imagined Mexicans

Erik Charles Mellquist

Aerospace Engineering/ Oddvar O. Bendiksen

Computational Transonic Flutter Solutions for Cranked Wings by the Direct Eulerian-Lagrangian Method

Lisa Anne Mendelman

English/ Michael A. North

Modern Sentimentalism: Feeling, Femininity, and Female Authorship in Interwar America

Ekaterina Merkurjev

Mathematics/ Andrea Bertozzi

Variational and PDE-Based Methods for Big Data Analysis, Classification and Image Processing Using Graphs

Edward Meyer

Oral Biology/ Igor Spigelman

Behavioral, Biochemical, and Physiological Components of Stress-Enhanced Fear Learning in an Animal Model of Post-Traumatic Stress Disorder

Panayiotis Adamos Michael

Computer Science/ Douglas S. Parker & Vasilios Manousiouthakis

Architecture, Data Model and Real-Time Performance Evaluation of the Streamon Data Stream Management System

Mouna Mohamed Aref Mikati

Biochemistry and Molecular Biology/ Emil Reisler

Modulation of Actin Structure and Dynamics by Actin Binding Proteins

Kevin L. Miller

Chemistry/ Richard B. Kaner

Unique Properties and Reactivity of Electrophilic Metal Centers Supported by Ferrocene Diamide Ligands

Naveen Zehra Minai

Gender Studies/ Purnima Mankekar

The Gendered and Sexual Politics of Excess in Nationalist Narrations of Pakistan

Samuel Alexander Miner

Mathematics/ Igor Pak

Limit Shapes of Restricted Permutations

Seyed Arash Mirhaj

Electrical Engineering/ Mau-Chung Frank Chang

Statistical Based Piecewise Linear Calibration of Nonlinearity in SAR-ADC

Kenneth Shangold Mirkin

Economics/ Maurizio Mazzocco

Essays on Information in Labor Economics

Ka Ho Stephen Mok

Molecular and Medical Pharmacology/ Antoni Ribas

Combination Treatment for Melanoma

Nadav Gadi Molchadsky

History/ David N. Myers & Arieh Bruce Saposnik

History in the Public Courtroom: Commissions of Inquiry and Struggles over the History and Memory of Israeli Traumas

Dani Molina

Education/ Mitchell J. Chang

Post-9/11 Military Veterans and Higher Education: Factors Associated with College Enrollment and Choice

Scott Lee Monroe

Education/ Li Cai

Multidimensional Item Factor Analysis with Semi-Nonparametric Latent Densities

Emma Marie Monte

Molecular, Cellular, and Integrative Physiology/ Thomas M. Vondriska

Control of Cardiac Gene Expression by Chromatin Architectural Proteins: Mechanisms at the Level of Chromatin Fiber, Transcriptome Remodeling and Cellular Phenotype

Joshua Timothy Moody

Physics/ Pietro Musumeci

Inverse Free Electron Laser Interactions with Sub-Picosecond High Brightness Electron Beams

Jack Bobak Mortazavi

Computer Science/ Majid Sarrafzadeh
Realistic-Motion Activity Recognition

Christopher John Motter

Civil Engineering/ John Wright Wallace

Large-Scale Testing of Steel-Reinforced Concrete (SRC) Coupling Beams Embedded into Reinforced Concrete Structural Walls

Diana Louise Moughon

Molecular and Medical Pharmacology/ Lily Wu

Colony-Stimulating Factor-1 Receptor Inhibition Reverses the Vascular Leakage that Causes Malignant Ascites in Late-Stage Epithelial Ovarian Cancer

Nicole Elizabeth Munoz

Biology/ Daniel T. Blumstein

Multimodal Integration in Uncertain Environments: A Quantitative Model and Field Experiments with Yellow-Bellied Marmots (*Marmota flaviventris*)

Marco Antonio Murillo

Education/ Concepc M. Valadez

Marking Legal Status: A High School's Response to Issues of Documentation and the Needs of Undocumented Students

Bob Eberly Myers II

History/ Robin Davis Gibran Kelley & Theodore M. Porter

"Drapetomania" Rebellion, Defiance and Free Black Insanity in the Antebellum United States

Shantanu Naidu

Geophysics and Space Physics/ Jean-Luc Margot

Dynamics of Satellites in Binary Near-Earth Asteroid Systems: A Study Based on Radar Observations

Mark Hiroshi Nakamura

Statistics/ Mark Stephen Handcock

Regime Based Clustering for the Modeling of Two-Dimensional Vector Fields

Susan Jean Keiko Nakaoka

Urban Planning/ Leobardo F. Estrada

Asian American/Pacific Islander Community Development Corporations and the Just City: The Relevance of a Race-Conscious Approach

Shilpa Narayan

Epidemiology/ Beate R. Ritz

An Investigation into Household and Occupational Pesticide Exposures with Genetic Variants as Risk Factors for Parkinson's Disease

Thomas Peter Narins

Geography/ John A. Agnew

The Lure of Chinese State Capitalism in Latin America: Influence, Investments and Imports

Claire Louisa Narraway

Biology/ Peter Nicholas Nonacs

Group Benefit, Nepotism and Intragenomic Conflict: Multiple Levels of Selection on Reproductive Behavior in Honey Bees (*Apis mellifera*).

Afaf Nash

Applied Linguistics/ Katrina D. Thompson & Charles Goodwin

Participation and Conversational Involvement in Brokered Medical Interviews: A Case of Iraqi Patients in Southern California

Noah Frederick Fine Nathel

Chemistry/ Neil Kamal Garg

Reaction Discovery Using Nickel Catalysis and Total Syntheses of Indolactam Alkaloids

Miguel Nava

Microbiology, Immunology, and Molecular Genetics/ Arnold J. Berk

Adenovirus Small E1A Regulates Host Cell Transcription

Michael Jeffrey Nayhouse

Chemical Engineering/ Panagiotis D. Christofides

Multiscale Modeling, Simulation and Control of Protein Crystallization Processes

Brent Andrew Nelson

Mathematics/ Dimitri Y. Shlyakhtenko
Non-Tracial Free Transport and Applications

Laurence Gabriel Nelson

Sociology/ Cesar J. Ayala

The Intersection of Violence and Land Inequality in Modern Colombia

Chilan Ngo

Materials Science and Engineering/ Suneel Kodambaka

Fundamental and *in situ* Microscopy Studies of III-V Nanoscale Wires and Particles

Christopher Tam Nguyen

Biomedical Engineering/ Daniel B. Ennis & Debiao Li

Clinical Translation of Diffusion Cardiac Magnetic Resonance Imaging: Motion Robust *in vivo* Characterization of Myocardial Tissue Microstructure

HoangKim Tran Nguyen

Microbiology, Immunology, and Molecular Genetics/ Kent L. Hill

Understanding Mechanisms of Motility in *Trypanosoma brucei*

Mai-Han T. Nguyen

Applied Linguistics/ John H. Schumann
Examining the Social Participation Structures and the Subject Matter Task Structures of Class Activities in an Adult ESL Classroom

Thi H. Nguyen

Chemistry/ Heather D. Maynard

Heparin-Mimicking Polymers for Improving Stability and Bioactivity of Basic Fibroblast Growth Factor

Paul Nichols

Philosophy/ Joseph Almog & Samuel John Cumming

The Meaning and Semantics of Singular Definite Noun Phrases

Onika Doreen Veronica Noel

Molecular Biology/ Luisa M. Iruela-Arispe

Beta1 Integrin and the Extracellular Matrix Provide Integrative Signals for Vascular Development

Elizabeth Lynn Noey

Chemistry/ Kendall N. Houk

Computational Studies of Organic,
Organometallic, and Enzyme Catalysis

Peter D. Norlander

Management/ Christopher L. Erickson

Organizing Migrations: People and
Knowledge Flows in the Global Economy

Catalina Monica Oaida

Atmospheric and Oceanic Sciences/
Yongkang Xue

Improving Snow Processes in WRF/SSiB
Regional Climate Model to Investigate
Aerosols-in-Snow Impacts over North
America and Sub-Regions

Daniel Verity O'Connor

Mathematics/ Lieven Vandenberghe

Primal-Dual Decomposition by Operator
Splitting and Applications to Image
Deblurring

Brian Andrew Odegaard

Psychology/ Ladan Shams

Factors Influencing Likelihoods and
Priors in Multisensory Perception

Marisabel Oliveros

Molecular, Cell, and Developmental
Biology/ Amander Therese Clark

Studying Niche Colonization and the
Dynamics of Imprint Erasure during *in vitro*
Acquisition of Pluripotency in Germ Cells

Avery Bridgette Olson

Education/ Jane E. Pizzolato

Beyond the Income-Achievement Gap:
An Examination of the Conditions
that Promote High-Achievement of Low
Socioeconomic Status Students in College

Audrey Pool O'Neal

Mechanical Engineering/ Adrienne G.
Lavine

The Effect of Particle Size and Processing
on the Properties of a Barium Titanate
Polymer Composite

Laura Ann Orrico

Sociology/ Vilma Ortiz & Stefan
Timmermans

Working the Boardwalk: The Social Life
of a Public Marketplace

Christopher Robert Osborn

Education/ Connie L. Kasari

Increasing Playground Engagement in
Special Education Students with Autism
Utilizing an Aide-Mediated Social Skills
Intervention

Brendan Donald O'Shea

Physics/ James Rosenzweig

Gigavolt-per-Meter Wakefields in
Annular Dielectric Structures

Anna Valentinovna Osipova

Special Education/ Alison Bailey &
Diane S. Haager

Academic Language Self-Reflection and
Coaching Training of Pre-Service Special
Education Teachers in the Context of
Content Area Writing Instruction

Ivan Osokine

Microbiology, Immunology, and
Molecular Genetics/ David G. Brooks

Type I Interferon Disrupts T Cell
Development and Differentiation during
an Established Persistent Infection

Megan Alexandra Owen

Biology/ Daniel T. Blumstein

The Influence of Social Context on
Animal Behavior: Implications for
Conservation

Willis Mathews Okech Oyugi

History/ Edward A. Alpers

Wildlife Conservation in Kenya's
Maasailand, 1850s-2000: Contested
Histories of an African People and Their
Landscape

Zeynep Ozgen

Sociology/ William Rogers Brubaker

Schooling, Islamization, and Religious
Mobilization in Turkey

Veronica Sofia Pacheco

Ethnomusicology/ Anthony Seeger

Performing with the Sacred: Exploring
Indigenous Ritual Music in the Nahua
Towns of Chicontepec, Veracruz,
Mexico

Sebastiano Padovan

Geophysics and Space Physics/ Jean-Luc
Margot

Investigation of the Interior of Mercury
through the Study of Its Gravity,
Topography, and Tidal Response

Paul Carmelo Pagano

Molecular and Medical Pharmacology/
Steven M. Dubinett

Cell Motility and Deformability in the
Pathogenesis of Lung Cancer

Anna June Pagé

Indo-European Studies/ Joseph F. Nagy

Birth Narratives in Indo-European
Mythology

Stephen Palley

Political Science/ Susanne Lohmann

Construction through Conflict:
Computational Models of State
Formation and National Identity

Yuxi Pan

Physics/ Huan Z. Huang

Measurement of Transverse Single Spin
Asymmetries for π^0 and Jets at Large x_F

Jennifer Metten Pantoja

Near Eastern Languages and Cultures/
William M. Schniedewind & Ra'anana S.
Boustan

The Metaphor of the Divine as Planter
of the People in the Hebrew Bible

Arnold Park

Microbiology, Immunology, and
Molecular Genetics/ Benhur Lee

Elucidating Virus and Host
Determinants of Nipah Virus Matrix
Protein Trafficking and Budding

Hyun Wook Park

Mechanical Engineering/ J. John Kim

A Numerical Study of the Effects of
Superhydrophobic Surfaces on Skin-
Friction Drag Reduction in Wall-
Bounded Shear Flows

Sanjeet Patel

Molecular Biology/ Kathrin Plath

The Regulation of X Chromosome
Inactivation in Human Development
and Pluripotent Stem Cells

Erin Christine Peckham

Epidemiology/ Zuofeng Zhang &
Shehnaz K. Hussain

MicroRNA-Related Polymorphisms and
Non-Hodgkin Lymphoma Susceptibility
in the Multicenter AIDS Cohort Study

Kathryn Peiman

Biology/ Gregory F. Grether

Competition between a Migrant and
Resident Passerine during the Non-
Breeding Season

Ying-Chen Peng

Art History/ Hui-Shu Lee

Staging Sovereignty: Empress Dowager Cixi (1835-1908) and Late Qing Court Art Production

Jessica Julia McGill Peters

Anthropology/ Yunxiang Yan

American Cinema as Cultural Diplomacy: Seeking International Understanding One Film at a Time

Andrew James Pettit

Ethnomusicology/ Daniel M. Neuman

Passing Traditions: Child-Directed Music as an Index of Cultural Change in Metropolitan India

Calvin Dinh-Tu Pham

Chemical Engineering/ Jane Pei-Chen Chang

Atomic Layer Deposition Enabled Synthesis of Multiferroic Nanostructures

Hung Viet Pham

Chemistry/ Kendall N. Houk

Theoretical Investigations of Cycloadditions and Subsequent Transformations Involving Allenes and Arenes to Form Complex Polycycles

Aurelien Philippot

Management/ Mark J. Garmaise

Essays in Empirical Finance

Gregory Scott Pierce

Urban Planning/ Randall D. Crane

Basic Services, Low-Income Settlements and the Local State: How Collectively-Organized Initiatives Redress Inequalities

David McIntyre Pisani

Mechanical Engineering/ Christopher S. Lynch

Piezoceramic Sensors/Actuators with Interdigitated Electrode Patterns

Naomi Ruth Pitamber

Art History/ Sharon Elizabeth Gerstel

Replacing Byzantium: Laskarid Urban Environments and the Landscape of Loss (1204-1261)

Justine Fontana Pizzo

English/ Joseph E. Bristow & Jonathan H. Grossman

Solid Air: Victorian Atmosphere and Female Character in British Fiction 1847-1891

Traci Nicole Plumb

Psychology/ Thomas R. Minor

Peritraumatic Interventions for Stress Resilience

Vahab Pournaghshband

Computer Science/ Leonard Kleinrock & Peter L. Reiher

End-to-End Detection of Third-Party Middlebox Interference

Eilene Jamie Powell

Hispanic Languages and Literatures/ Jesus Torrecilla & Silvia Bermudez

Hurts So Good: Representations of Sadomasochism in Spanish Novels (1883-2012)

David Naoki Powers

Biological Chemistry/ James Akira Wohlschlegel

Characterizing the Role of FBXL5 in Intracellular Iron Homeostasis

Sacha Leandra Prashad

Molecular Biology/ Hanna K. A. Mikkola

Defining Self-Renewal in Human Hematopoietic Stem Cells

Pamela Jean Prickett

Sociology/ Stefan Timmermans

The Pious Disadvantaged: An
Ethnographic Study of African
American Muslims in South Central Los
Angeles

Sarah Ross Pripas-Kapit

History/ Ellen C. Dubois

Educating Women Physicians of
the World: International Students
of the Woman's Medical College of
Pennsylvania, 1883-1911

Jiaheng Qiu

Biostatistics/ Weng Kee Wong

Finding Optimal Experimental Designs
for Models in Biomedical Studies via
Particle Swarm Optimization

Brian Dennis Quinn

French and Francophone Studies/
Dominic R. Thomas

Stagecraft: Pedagogy, Culture and
Performance in Senegalese Theater

Benjamin Radd

Political Science/ Steven L. Spiegel &
Leonard Binder

Constitutionalism and the Republic:
Understanding Iranian Constitutional
Development from 1906 to 1989

Eric Matthew Radke

Mathematics/ Tony F-C Chan

Net Weighting Methods and Other
Novel Approaches in Variation-Aware
Placement and Sizing

Sina Rahmani

Comparative Literature/ Saree Makdisi
& Aamir R. Mufti

Blank Subjects: Orphanhood and the
Rise of the British Novel

Emma Sojourner Gage Rainey

Geophysics and Space Physics/ Abby
Kavner

The Thermal Conductivity of the
Earth's Lower Mantle and Implications
for Heat Flow at the Core-Mantle
Boundary

Anand Bharathwaj Rajagopalan

Mathematics/ Terence Chi-Shen Tao

Outlier Eigenvalue Fluctuations of
Perturbed iid Matrices

Kelcie Mechelle Ralph

Urban Planning/ Brian D. Taylor

Stalled on the Road To Adulthood?
Analyzing the Nature of Recent Travel
Changes for Young Adults in America,
1995 to 2009

Vidyunmala Ramaprasad

Biomedical Engineering/ Warren
Grundfest

Delamination of Bacterial Biofilms Using
Laser-Generated Shockwaves

Antonio Pedro Ramos

Political Science/ Jeffrey B. Lewis &
Barbara Geddes

The Politics and the Measurement of
Health Inequality in the Developing
World

Melissa Dianne Ramos

Near Eastern Languages and Cultures/
William M. Schniedewind

Spoken Word and Ritual Performance:
The Oath and the Curse in
Deuteronomy 27-28

Ariel Rankin

Nursing/ Adeline M. Nyamathi

Repurposing a Legacy: The Experiences
of African American Women Receiving
a Human Immunodeficiency Virus
Diagnosis at the Age of 50 or Older

Lara Diane Rann

Ethnomusicology/ Cheryl L. Keyes

Student Experiences of “Soul Healing”
in Music and Dance Performance
Courses at the University of California,
Los Angeles

Stephanie Rummans Reading

Epidemiology/ Teresa Ellen Seeman

Relationship between Psychosocial Stress
and Allostatic Load: Findings from the
MIDUS Study

Elizabeth Horst Redman

Education/ Noel D. Enyedy

A Study of Novice Science Teachers’
Conceptualizations of Culturally
Relevant Pedagogy

Christian Richard Reed

English/ Christopher J. Looby

Genre and Belonging in the Nineteenth-
Century Novel

Khaled Refaat

Computer Science/ Adnan Youssef
Darwiche

Decomposition Techniques for Learning
Graphical Models

Thomas Joseph Rehagen

Physics/ Graciela B. Gelmini

Dark Matter Production in Non-
Standard Early Universe Cosmologies

Anna Devi Reichardt

Microbiology, Immunology, and
Molecular Genetics/ Genhong Cheng

Mechanisms of Type I Interferon
Induction via the Retinoic Acid
Inducible Gene-like Receptor and DNA-
Sensor Pathways

Fengbo Ren

Electrical Engineering/ Dejan Markovic

A Scalable VLSI Architecture for
Real-Time and Energy-Efficient Sparse
Approximation in Compressive Sensing
Systems

Patricia Ann Renno

Education/ Jeffrey J. Wood

Variability in Autism Symptom Severity:
Investigating the Role of Diurnal
Cortisol and Daily Stress in Children
with High-Functioning Autism

Randa Reslan

Chemistry/ Daniel Neuhauser

Theoretical Study of Electron Transfer
in Organic Solar Cells

Rachel Samantha Resop

Microbiology, Immunology, and
Molecular Genetics/ Christina
Uittenbogaart

Characterization of Sphingosine-1-
Phosphate Receptor 1 in the Human
Thymus: Implications for T Cell
Reconstitution in HIV Infection

Vincent Reyes

Civil Engineering/ Shaily Mahendra

Differential Sensitivity of
Environmentally Relevant
Microorganisms to Metal-Containing
Nanoparticles

Eric Thomas Richard

Materials Science and Engineering/
Yang Yang

Design and Synthesis of Conjugated
Polymers and Small Molecules Based
on Thiophene-Substituted Isoindigo,
5-acetyl-4*H*-cyclopenta[*c*]thiophene-
4,6(5*H*)-dione, and Diketopyrrolopyrrole
Electron-Deficient Units

Jimmy Gerard Lafontaine Rivera
Chemical Engineering/ James C. Liao
Ensemble Modeling for Pathway
Engineering and Strain Design

Chelsea Robertson
Molecular and Medical Pharmacology/
Edythe Danick London

Striatal Dopamine Receptors, Inhibitory
Control and Methamphetamine Use
Disorder

Kayla Mae Roeser
Chemistry/ Xiangfeng Duan

Morphology Control of Noble Metal
Nanoparticle Catalysts Using Strategic
Organic Capping Agents in Colloidal
Phase Synthesis

Biljana Rolih
Chemistry/ Alexander Jacob Levine
A First Principles Study of Mass
Transport in the Dehydrogenation of
Lithium Amides and Lithium Alanates

Ian James Romain
Hispanic Languages and Literatures/
Claudia Parodi-Lewin & Antonio C.
Quicoli A Phase Approach to Spanish
Object Clitics

Julie Marie Romain
Art History/ Robert L. Brown
Courtly Culture and Visual Art in India:
Ramayana Reliefs on Hindu Temples of
the Sixth to Eighth Century

Martin Christopher Romero
Education/ Concepc M. Valadez
Students Becoming Mathematicians
through Mathematical Modeling
Learning Environments: A Design-Based
Study

Xin Rong
Cellular and Molecular Pathology/ Peter
John Tontonoz

Lysophosphatidylcholine Acyltransferase
3-Dependent Phospholipid Remodeling
Regulates Lipid Homeostasis and
Inflammation

Tristin Estee Rose
Chemistry/ Patrick G. Harran
Template-Based Synthesis of
Peptidomimetic Macrocycles-Discovery
of Pin1 Inhibitors by Direct Stabilization
of a Consensus Binding Sequence

Gina L. Rosen
Social Welfare/ Todd M. Franke
Determinants of SNAP Participation:
Employing a Structural Vulnerability of
Poverty Framework to Examine SNAP
Participation among Low-Income Heads
of Households

Stacy Lynn Rosenbaum
Anthropology/ Joan B. Silk
Who's Your Daddy? The Causes and
Consequences of Male-Immature
Relationships in Wild Mountain Gorillas
(*Gorilla beringei beringei*)

Yohann Lilian Rousselet
Mechanical Engineering/ Vijay K. Dhir
Interacting Effects of Inertia and Gravity
on Bubble Dynamics

Ryan Isao Rowen
Musicology/ Mitchell Bryan Morris
Transcending Imagination; Or, an
Approach to Music and Symbolism
during the Russian Silver Age

Eddy A. Ruiz
Education/ Richard L. Wagoner
Native American Students, Campus
Racial Climate, and Resistance at
Borderland University

Sandra Ruiz

Hispanic Languages and Literatures/
Hector V. Calderon

*Escrito con Tinta Roja: The Mexicana
Feminist Detective in the Fiction of
María Elvira Bermúdez, Myriam Laurini
and Patricia Valladares*

Emily Christina Runde

English/ Matthew N. Fisher & Donka
Minkova Stockwell

Ways of Reading and Framing Collection
in Late Medieval England

Marcus Andrew Ruscetti

Molecular Biology/ Lily Wu & Hong Wu

The Role of the Tumor
Microenvironment and Epithelial-
Mesenchymal Plasticity in Prostate
Cancer Progression and Metastasis

Charles Avery Sader

Chemistry/ Kendall N. Houk

Exploring the Reactivity of Carbene
Cycloadditions with Electronic Structure
Theory Calculations and Molecular
Dynamics Simulations

James Robert Sadler Jr.

History/ Margaret C. Jacob

Family in Revolt: The Van der Meulen
and Della Faille Families in the Dutch
Revolt

Marie Saldaña

Architecture/ Diane G. Favro

Cave and City: A Procedural
Reconstruction of the Urban
Topography of Magnesia on the
Maeander

Goleen Samari

Public Health/ Anne R. Pebley

Women's Status, Autonomy, and Fertility
in Transitional Egypt

Ryan Paul Sandell

Indo-European Studies/ Brent Harmon
Vine

Productivity in Historical Linguistics:
Computational Perspectives on Word-
Formation in Ancient Greek and
Sanskrit

Mathew Sandoval

Culture and Performance/ David H.
Gere

Bodily Destruction, Bodily
Empowerment: A Year of Detainee
Resistance at Guantanamo Bay, Cuba

Felipe Nunes dos Santos

Political Science/ Michael F. Thies

Presidentialism, Decentralization, and
Distributive Politics in Latin America

Luis Santos

Hispanic Languages and Literatures/
John Randal Johnson

*Literatura da Bagunça: A carnavalização nos
romances da contracultura brasileira*

Shimon Sapphire-Bernstein

Psychology/ Shelley E. Taylor & Martie
G. Haselton

Molecular Genetic Contributions to
Intimate Relationship Dynamics

Mirna Troncoso Sawyer

Public Health/ Steven P. Wallace

Food Decisions among Working Latino
Families in California

Christopher William Scaduto

Mathematics/ Ciprian Manolescu

Instantons and Odd Khovanov
Homology

Derek Schaeffer

Physics/ Christoph Niemann

Generation of Quasi-Perpendicular
Collisionless Shocks by a Laser-Driven
Magnetic Piston

Rachel Eva Schley

History/ Caroline Cole Ford & Sarah
Abrevaya Stein

The Tyranny of Tolerance: France,
Religion, and the Conquest of Algeria,
1830-1870

Shiruyeh Schokrpur

Molecular and Medical Pharmacology/
Lily Wu

Clustered Regularly Interspaced Short
Palindromic Repeat (CRISPR)-Mediated
Development of an Improved Model for
Metastatic Renal Cell Carcinoma

Ethan L. Schreiber

Computer Science/ Richard E. Korf

Optimal Multi-Way Number Partitioning

Lynette Lau Schumann

Psychology/ Steve Sung-Yul Lee

The Nature and Nurture of Parenting
Behavior: Association of Parental
Serotonin Transporter Genotype
and Personality Traits with Self-Reported
and Observed Parenting Behavior

Rena Madeleine Schweizer

Biology/ Robert Wayne

Elucidating Evolutionary Processes in
North American Gray Wolves: Genetic
Subdivision, Local Adaptation, and
Coat Coloration

Adam Christopher Scofield

Electrical Engineering/ Diana L.
Huffaker

Nanopillar Emitters: Photonic Crystals,
Heterostructures, and Waveguides

Mary Cooper Scott

Physics/ Jianwei Miao

Experimental Atomic Resolution
Electron Tomography

Jennifer Eva Scully

Geology/ An Yin & Christo T. Russell

Curvilinear Gullies, Lobate Deposits and
Fractures, and Their Implications for the
Geologic Evolution and Hydration of Vesta

Meredith Stipek Sears

Psychology/ Rena L. Repetti

Stress Begets Stress: Three Studies of
the Daily Behavioral and Affective
Mechanisms of Spillover

Yoonjung Seo

Art History/ Burglind Jungmann

Connecting across Boundaries: The
Use of Chinese Images in Late Chosŏn
Court Art from Transcultural and
Interdisciplinary Perspectives

Shahriar Shadkhoo

Physics/ Robijn F. Bruinsma

Polarons and Mobile Impurities Near a
Quantum Phase Transition

Sudeep Sharma

Film and Television/ John T. Caldwell

See It Again: The Work of History in the
1990s American Cable Television News
Genre

Benjamin Raphael Sher

Film and Television/ Kathleen A. McHugh

Fraught Pleasures: Domestic Trauma and
Cinephilia in American Culture

Anup Arvind Sheth

Sociology/ Jack Katz

Naming L.A.: Ethnic Diversity and the
Politics of Urban Development

Elena Shih

Sociology/ Ching Kwan Lee

The Price of Freedom: Moral and Political Economies of the Global Anti-Trafficking Movement

Kyoko Shimamoto

Public Health/ Jessica D. Gipson

Investigating Pathways Linking Women's Status and Power to Skilled Birth Attendant Use at Childbirth in Senegal and Tanzania

Henry Outhwaite Sillin

Chemistry/ James K. Gimzewski

Neuromorphic Hardware: The Investigation of Atomic Switch Networks as Complex Physical Systems

Aleidy Marlene Silva Vite

Mechanical Engineering/ Chih-Ming Ho

Feedback System Control: Optimizing Drug Combinations for Tuberculosis Treatment

Bethany Lynn Simpson

Archaeology/ Willemina Z. Wendrich

Neighborhood Networks: Social and Spatial Organization of Domestic Architecture in Greco-Roman Karanis, Egypt

Digvijay Singh

Electrical Engineering/ William J. Kaiser

Improving the Energy Efficiency of Modern Computing Platforms Using High-Resolution Real-Time Energy Measurements

Sara McKenzie Skiles

Geography/ Gregory Stewart Okin

Dust and Black Carbon Radiative Forcing Controls on Snowmelt in the Colorado River Basin

Lisa Sloan

Theater and Performance Studies/ Sue-Ellen Case

Lesbian Feminist Performances of the Culture Wars

Lauren Elizabeth Krogh Slone

Psychology/ Scott Pratt Johnson

Processes Underlying Infants' and Adults' Visual Statistical Learning

Joel Michael Smith

Chemistry/ Neil Kamal Garg

Total Synthesis of Picirinine

Sarah-Neel Smith

Art History/ Saloni Mathur

Art, Democracy, and the Culture of Dissent in 1950s Turkey

Heloisa Prado Soares

Molecular Biology/ Juan Enrique Rozengurt

Targeting mTOR in Pancreatic Cancer

Tze-Bin Song

Materials Science and Engineering/ Yang Yang

Novel Thin Film Solar Cells: Film Formation/Properties and Device Physics

Xi Song

Sociology/ Robert Denis Mare

Essays on Social Stratification in Multiple Generations

Yangbo Song

Economics/ Ichiro Obara

Network Formation, Information Acquisition and Social Learning

William Farran Speier IV

Biomedical Engineering/ Nader Pouratian

Toward Real-Time Communication Using Brain-Computer Interface Systems

Ira Owen Staehle

Chemistry/ Miguel A. Garcia-Garibay

Synthesis and Characterization of Salicylideneaniline Functionalized Molecular Rotors

Bradford Ian Stapleton

Political Science/ Deborah W. Larson

The Strategic Consequences of Military Quagmires: An Examination of War-Weariness Theory

Joann Lisa Staten

Culture and Performance/ Allen Fraleigh Roberts

Silence and the Spoken Word: Unpacking HIV/AIDS Health Narratives among Maroon Women in Suriname, South America

Ingrid Steinberg

Philosophy/ C. T. Burge

Paternalism and the Moral Status of Children

Rebecca Lila Steinberg

Applied Linguistics/ Charles Goodwin & Marjorie Harness Goodwin

Direct Democracy and the Assembly: Embodied Discourses of Participation and Deliberation at Occupy Los Angeles

Scott Ryan Stephenson

Geography/ Laurence Smith & John A. Agnew

Impacts of Climate Change on Human Access and Resource Development in the Arctic

Sarah Rose Sterlace

Psychology/ Michael S. Fanselow

Differentiating the Contributions of NMDA Receptor-Mediated Synaptic Plasticity in Basal and Lateral Nuclei of the Amygdala during Pavlovian Fear Conditioning

Jeffrey Allen Stevens

History/ Ronald J. Mellor

Staring into the Face of Roman Power: Resistance and Assimilation from behind the 'Mask of Infamia'

Anne Elizabeth Strader

Geophysics and Space Physics/ David D. Jackson

The Effects of Coulomb Stress Change on Southern California Earthquake Forecasting

Igor Stubailo

Geophysics and Space Physics/ Paul M. Davis

Seismic Anisotropy below Mexico and Its Implications for Mantle Dynamics

Marcus Eduardo Mathias Studart

Economics/ Aaron Tornell & Pierre-Olivier Weill

Essays in Financial Economics and Industrial Organization

Evan Daniel Styduhar

Chemistry/ Neil Kamal Garg

Enantiospecific Total Synthesis of Welwitindolinone Alkaloids

Yu-Chyuan T. Su

Oral Biology/ Wenyuan Shi & Siavash K. Kurdistan

Dynamics of Host Cell Transcriptome in DNA Tumor Virus Infection

Argus M. Sun

Biomedical Engineering/ Samuel Murray

Modeling Bone Morphogenetic Protein Binding Peptide Action on Perfused Osteoblast Growth

Wei-Yang Sun

Mechanical Engineering/ Gregory P. Carman

Control of Coupling Phenomena in Magnetic Nanostructures

Hadley Theadora Suter

French and Francophone Studies/ Laure Murat

Stendhal's Theater of Authenticity: The Performance of *le Naturel* in the Parafictional Works of Marie-Henri Beyle

Arnold Tirapat Suwarnasarn

Bioengineering/ Benjamin M. Wu

Materials Approach to Novel Endovascular Coils with Enhanced Wound Healing for Intracranial Aneurysms

Judy Szeto

Chemistry/ Ohyun Kwon

The Studies of the Phosphine-Initiated General Base-Catalyzed Double-Michael Reaction and the Nitro-Nazarov Reaction

Zheng Tan

Architecture/ Dana Cuff

Conditions of the Hong Kong Section: Spatial History and Regulatory Environment of Vertically Integrated Developments

Jianshi Tang

Electrical Engineering/ Kang Lung Wang

Electrical Spin Injection and Detection in Ge Nanowires and Topological Insulators

Songyuan Tang

Epidemiology/ Roger Detels

Factors Associated with Effectiveness of Methadone Maintenance Treatment in Yunnan Province of China

Margaret Anne Tartter

Psychology/ Constance L. Hammen

Genetic Underpinnings of the Relationships Among Stress, Inflammation, and Depression

Kuo-Tai Teng

Mechanical Engineering/ Tsu-Chin Tsao

Repetitive and Iterative Learning Control for Power Converter and Precision Motion Control

Jamie Marie Thierman

Music/ Ian Krouse & David Samuel Lefkowitz

Volume I: The Integration of African Musical Elements into Western Classical Music

Volume II: *Sankofa: a Symphony for Wind Ensemble*

Pamela Grace Thompson

Biology/ Victoria Sork

Bat Pollination, Genetic Structure and Gene Flow in *Crescentia alata* Trees in Western México

Yuan Tian

Bioinformatics/ Daniel H. Geschwind

Identification of Transcriptional Changes Associated with Syndromic Forms of Autism

Nina Darrah Timberlake

Molecular and Medical Pharmacology/ Noriyuki Kasahara & Samson A. Chow

Enhancing the Safety and Efficiency of Retroviral Replicating Vectors for Cancer Gene Therapy

Pamela Y.F. Ting

Biological Chemistry/ John J. Colicelli

RAS Signal Transduction: Insights from
RIN1 Effector Pathway Studies

Julia Louise Tomassetti

Sociology/ Maurice Zeitlin

The Legal Construction of Employment
and the Re-Institutionalization of U.S.
Class Relations in the Postindustrial
Economy

Ann-Jay Tong

Molecular Biology/ Stephen Smale

Mechanisms Regulating Selective Gene
Activation during the Innate Immune
Response

Carlos Manuel Torres Jr.

Electrical Engineering/ Kang Lung
Wang

Vertical Tunneling Hot Carrier
Transport in 2D van der Waals Material-
Based Devices for Optoelectronic
Applications

Jaime Antonio Torres

Chemistry/ Richard B. Kaner

The Synthesis and Application of
Chemical Vapor Deposited Graphene

Sara Victoria Torres

English/ Lowell Gallagher & Christine
N. Chism

Marvelous Generations: Lancastrian
Genealogies and Translation in Late
Medieval and Early Modern England
and Iberia

Zaid Joseph Towfic

Electrical Engineering/ Ali H. Sayed
Online Learning over Networks

Kirsten Alexandra Trickey

Psychology/ Peter M. Bentler

Structural Models of Coefficient of
Variation Matrices

Catherine Tsao

Education/ Carollee Howes

Predicting Infant/Toddler Social-
Emotional Outcomes from Intrapersonal
Caregiver Characteristics and Child
Care Quality

Nolan Eizo Tsuchiya

Mechanical Engineering/ James S.
Gibson

Disturbance Rejection and System
Identification Using Multi-Channel
Adaptive Filtering and Receding-
Horizon Control

Craig William Turnbull-Sailor

Linguistics/ Timothy A. Stowell

The Variables of VP Ellipsis

Matthew John Ulgherait

Biological Chemistry/ Feng Guo &
David William Walker

AMPK Functions to Modulate Tissue
and Organismal Aging in a Cell Non-
Autonomous Manner

Paulo Isagani Malijan Urriza

Electrical Engineering/ Danijela Cabric

Advanced Spectrum Sensing for
Multiple Transmitter Identification

Pouya Vahmani

Civil Engineering/ Terri S. Hogue

Modeling and Remote Sensing of Urban
Land-Atmosphere Interactions with a
Focus on Urban Irrigation

Crystal Edie Valdez

Chemistry/ Anastassia N. Alexandrova

Design and Evolution of Metalloenzymes
through Multi-Scale Approaches

Lauren Elizabeth Van Arsdall
French and Francophone Studies/
Malina Stefanovska
Between Erasure and Exposure:
Intermedial Autobiography since Roland
Barthes

Devon Elizabeth Van Dyne
History/ Michael Meranze
Celibacy in the British North American
Colonies, c.1600-1750

Colleen Quinn Vandenoorn
Education/ Linda J. Sax
Who Wants to Write on the Blackboard?
Exploring the Changing Characteristics
of Aspiring Teachers from 1971-2011

Shemra Rizzo Varela
Biostatistics/ Robert Erin Weiss
Uncertainty in Meta-Analysis: Bridging
the Divide Between Ideal and Available
Extracted Data

Erika Arenas Velázquez
Sociology/ Robert Denis Mare
The Role of Preferences in Union
Formation

Irena S. Vezich
Psychology/ Matthew D. Lieberman &
Noah J. Goldstein
Neural Correlates of Persuasive Message
Framing Effects and Their Relationship
to Behavior

Sandra Viviana Roza Villarraga
Economics/ Adriana Lleras-Muney
Essays on the Economics of Crime

Alice Paola Villatoro
Health Services/ Ninez A. Ponce &
Vickie M. Mays
Perceived Need for Mental Health Care
Among Racial/Ethnic Minorities and
Non-Latino Whites in the United States

Juan Guillermo Alzate Vinasco
Electrical Engineering/ Kang Lung
Wang
Voltage-Controlled Magnetic Dynamics
in Nanoscale Magnetic Tunnel Junctions

Akshay Wadia
Computer Science/ Rafail Ostrovsky &
Amit Sahai
Secure Computation from Hardware
Assumptions

Daniel Walker
Music/ Ian Krouse
Volume I: Music as Representational Art
Volume II: *Awakening*

Nicole Corinne Walsh
Cellular and Molecular Pathology/
Michael Alan Teitell
Liver Kinase B1 Controls T Follicular
Helper Cell Differentiation and
Germinal Center Formation through
Regulation of Nuclear Factor kappa-light-
chain-enhancer of Activated B Cells

Daniel Burton Walton
Atmospheric and Oceanic Sciences/
Alexander Dean Hall
Development and Evaluation of a Hybrid
Dynamical-Statistical Downscaling
Method

Chengjie Wang
Mechanical Engineering/ Jeffrey D.
Eldredge
High-Fidelity Simulation and Low-
Order Modeling of Bio-Inspired Fluid
Dynamics

Jun Wang
Electrical Engineering/ Danijela Cabric
Acquisition and Utilization of Primary-
User Location Information in Cognitive
Radio Networks

Lisa Jiao-Jiao Wang

Chemistry/ Richard B. Kaner

Flash Converted Graphene
Supercapacitors for Industrial
Applications

Pu Wang

Materials Science and Engineering/ Ya-
Hong Xie

Graphene-Plasmonic Hybrid Platform for
Label-Free SERS Biomedical Detection

Yuting Wang

Mathematics/ Joseph M. Teran

Virtual Node Algorithms for Simulating
and Cutting Deformable Solids

Zhanyong Wang

Computer Science/ Eleazar Eskin

Efficient Statistical Models for Detecting
and Analyzing Human Genetic
Variations

Zhe Wang

Biomedical Engineering/ Daniel B.
Ennis

Quantitative Evaluation of Left
Ventricular Rotational Mechanics Using
Magnetic Resonance Imaging

Brian T. Waters

Management/ Bruce I. Carlin

Essays in Finance

Jessica Watkins

Geology/ An Yin

Tectonic and Aqueous Processes in the
Formation of Mass-Wasting Features on
Mars and Earth

Elizabeth C. Webb

Management/ Suzanne Bliven Shu

Understanding Risk Preference and
Perception in Sequential Choice

Katherine Anne Webster

English/ Michael J. Colacurcio & Karen
E. Rowe

Novels of the Nation: Literary Theory,
Post-Revolutionary Republicanism, and
the Rise of the Novel in America, 1789-
1812

Sara Hillary Weitz

Molecular, Cellular, and Integrative
Physiology/ Shimon Weiss

An Essential Role for Heme in miRNA
Processing

Benjamin Locke Welborn

Psychology/ Matthew D. Lieberman

Neural Mechanisms of Person-Specific
Theory of Mind

Eric Ryan Wells

Near Eastern Languages and Cultures/
Jacco Dieleman

Display and Devotion: A Social and
Religious Analysis of New Kingdom
Votive Stelae from Asyut

Morgan Wells

Sociology/ Gabriel Rossman

Intertwining Art Worlds: Graffiti's Rise
into Fine Art

James Bradley Wendt

Computer Science/ Miodrag Potkonjak

Hardware Design Techniques for
Securing and Synthesizing Resource-
Constrained IoT Systems

Bret Charles Werb

Ethnomusicology/ Timothy Rice

Yiddish Songs of the *Shoah*: A Source
Study Based on the Collections of
Shmerke Kaczerginski

Xavier Derrick Werlé

Music/ Ian Krouse

The Music of World of Warcraft-Lore of Epic Music

Donna Marie Werling

Neuroscience/ Daniel H. Geschwind

Investigation of Sex-Differential Genetic Risk Factors for Autism Spectrum Disorders

David Geoffrey Wernick

Chemical Engineering/ James C. Liao

Toward Nitrogen-Neutral and Contamination-Resistant Biofuels and Chemicals for a Sustainable Future

Nicole Marie Wheatley

Molecular Biology/ Todd O. Yeates

Elucidation of Genes of Unknown Function in Alpha Carboxysome Operons: acRAF, BMVs and Carbon Regulatory PII Proteins

Christopher Burton White

Italian/ Thomas J. Harrison

Misery is the True Script for Comedy: A Study of Italian Film Comedy in the 1950s

Siena Elizabeth Whitham

Education/ Connie L. Kasari

Speed-Dating with Autism: Initial Romantic Attraction among Adults with Autism Spectrum Disorder

Meegamuwage Dayan Jayasanka

Wickramaratne

Biomedical Engineering/ Jacob J. Schmidt & James K. Gimzewski

Fine Needle Elastography (FNE) for Biomechanically Determining Needle Insertion Forces and Quantitative Assessment of Intranodular Heterogeneity in Tissue Mechanical Properties

Matthew Wielicki

Geochemistry/ Timothy Mark Harrison

Developing Zircon as a Probe of Planetary Impact History

Lindsay Williams

Nursing/ Sally Louise Maliski

Women Veterans' Perceptions of Mental Health Outpatient Services

Neil Wilson

Biomedical Physics/ Michael Albert Thomas

Non-Uniform and Non-Cartesian Sampling in Multidimensional Magnetic Resonance Spectroscopic Imaging

Travis Harold Wilson

Atmospheric and Oceanic Sciences/ Robert G. Fovell

The Evolution and Life Cycle of Valley Cold Pools

Jennifer Alycon Winther

Sociology/ William G. Roy

The National Character of Science: Statistics in Modern Japan

Jeffrey Arien Wolf

Biology/ Stephen P. Hubbell

Geospatial Observations on Biodiversity and Biogeochemistry of a Tropical Forest Rhizosphere

Jared Norris Wolfe

Near Eastern Languages and Cultures/ Robert Keith Englund

ZU: The Life of a Sumerian Verb in Early Mesopotamia

Joelle Wolstein

Health Services/ Frederick J. Zimmerman

Examining Obesogenic Behavior through the Lens of the Food Environment

Amy Ruei Wong

English/ Joseph E. Bristow & Jonathan H. Grossman

Victorian Talk: Human Media and Literary Writing in the Age of Mass Print

Jacqueline Yin Sang Wong

Education/ William A. Sandoval

Decision-Making and Evaluation of Science Causal Claims: Effects of Goals on Uses of Evidence and Explanatory Mechanism

Karna Lorraine Wong

Urban Planning/ Paul M. Ong

The Housing Crisis and the Third Sector

Mavis Ching Yan Wong

Civil Engineering/ Eric M. V. Hoek

Understanding the Relationship between Osmotic Membrane Structure and Separation Performance

Vivian L. Wong

Information Studies/ Anne J. Gilliland

Asian Greek Sisterhoods: Archives, Effects, and Belongings in Asian American Sororities, 1929-2015

Danny Lee Wood

Education/ Concepc M. Valadez

A Study of the Effects of Bilingual and Structured English Immersion Programs on the Oral English and Literacy Development of Students Learning English as a Second Language

Kyle Leland Woodward

Economics/ Marek G. Pycia

In Defense of Pay-as-Bid Auctions: A Divisible-Good Perspective

Chuchu Wu

Computer Science/ Mario Gerla

Cooperation Incentives for Wireless Networks

Hao Wu

Electrical Engineering/ Mau-Chung Frank Chang

Low Noise RF CMOS Circuits and Systems for Wireless Communications

Jiechen Wu

Materials Science and Engineering/ Dwight Christopher Streit

Nitride Based Metal Insulator Semiconductor Heterostructure Material and Device Design and Characterization

Nicholas Ching Hai Wu

Molecular Biology/ Ren Sun

High-Throughput Genetics in Virus Research: Application and Insight

Yi-Chien Wu

Mechanical Engineering/ Pei-Yu Chiou

Massively Parallel Delivery of Large-Sized Cargo into Mammalian Cells with Light Pulses

Hongjing Xia

Biomedical Engineering/ Mark S. Cohen & Dan Ruan

Ballistocardiogram (BCG) Removal for Continuous EEG Recordings inside a 3-T MR Scanner

Bingjun Xiao

Electrical Engineering/ Jingsheng Jason Cong

Communication Optimization for Customizable Domain-Specific Computing

Sihan Xiao

Education/ William A. Sandoval

Children's Use of Inscriptions in Argumentation about Socioscientific Issues

Yuanzhang Xiao

Electrical Engineering/ Mihaela Van Der Schaar

Optimal Sequential Resource Sharing and Exchange in Multi-Agent Systems

Letian Xie

Biochemistry and Molecular Biology/ Catherine F. Clarke

Investigation of the Roles of Coq8p, a Putative Kinase, and Alternate Ring Precursors in Coenzyme Q Biosynthesis

Yibin Xie

Biomedical Engineering/ Daniel B. Ennis & Debiao Li

Improvements on Vascular Magnetic Resonance Imaging

James Yan Xu

Electrical Engineering/ Gregory J. Pottie

Personalized, Quantifiable, Multi-Layered Daily Life Profiling for Wireless Health: Methodologies and Systems

Jie Xu

Electrical Engineering/ Mihaela Van Der Schaar

Networks of Strategic Agents: Social Norms, Incentives and Learning

Samantha Xu

Mathematics/ Rowan Brett Killip

Hamiltonian Systems and Gibbs Measures

Ming Xue

Anthropology/ Joan B. Silk

Friendship and Social Relationships in a Tibetan Village

Ilya Yakovlev

Chemistry/ Timothy J. Deming

Synthesis of Biomimetic Phosphorus-Containing Polypeptides

Aki Yamada

Education/ John N. Hawkins

Educational Strategies among Transnational New Japanese for Their American-Born Children: A Case Study in Los Angeles

Douglas Yamada

Microbiology, Immunology, and Molecular Genetics/ David G. Brooks

Suppression of Fcγ-Receptor-Mediated Antibody Effector Function during Persistent Viral Infection

Sungwon Yang

Computer Science/ Mario Gerla

Energy Awareness in Mobile Wellness Applications

Yang Yang

Materials Science and Engineering/ Yang Yang

Device Architecture and Characterization of Organic and Hybrid Perovskite Photovoltaic

Ying Yang

Epidemiology/ Zuofeng Zhang

Polymorphisms of the Hypoxia Inducible Factor 1 and microRNA Related Genes and the Susceptibility and Survival of Lung Cancer and Upper Aero-Digestive Tract Cancers

Jun Yashima

Linguistics/ Dominique L. Sportiche

Antilogophoricity: In Conspiracy with the Binding Theory

Shenglin Ye

Materials Science and Engineering/ Dwight Christopher Streit

Preparation, Characterization, and Device Applications of Zinc Tin Nitride and Zinc Tin Oxynitride Materials

Duncan McEachern Yoon

Comparative Literature/ Dominic R. Thomas

Cold War Africa and China: The Afro-Asian Writers' Bureau and the Rise of Postcolonial Literature

Gilene Mikali Young

Biology/ Peter Nicholas Nonacs

The Ecology and Behavior of the Sand Wasp *Steniolia nigripes* (Hymenoptera: Crabronidae): Natural History, Resource Utilization, and Reproductive Tactics

Khalid Youssef

Biomedical Engineering/ Louis-Serge Bouchard

Progress toward the Next Generation of Bioreactors for 3D Tissue Engineering

Bo Yu

Oral Biology/ Cun Yu Wang & No-Hee Park

The Molecular and Epigenetic Regulation of Osteoblast and Osteoclast Differentiation and the Implications in Osteoporosis

Yu-Ting Yu

Computer Science/ Mario Gerla & Mohammad Yahya Sanadidi

Information-Centric Vehicular *ad hoc* Networks: Challenges and Solutions

Zita Lai Ting Yu

Chemical Engineering/ Yoram Cohen & Michael K. Stenstrom

Feasibility of Onsite Residential Graywater Recycling Using a Semi-Batch Vertical Flow Wetland for Non-Potable Water Reuse

Valeria Valencia Zamudio

Applied Linguistics/ Susan J. Plann

Consequences of Language Hierarchization: Language Ideologies among Purepecha (Heritage) Speakers in the US Implications for Language Maintenance and Learning

Kai Zeng

Computer Science/ Carlo Zaniolo

Approximation and Search Optimization on Massive Data Bases and Data Streams

Guangye Zhang

Chemistry/ Benjamin Joel Schwartz

Study of Device Physics and Active Layer Morphology in Polymer-Fullerene Based Solar Cells: The Role of Vertical Phase Segregation and Organic/Metal Interface

Hongjie Zhang

Mechanical Engineering/ Mohamed A. Abdou

Modeling and Analysis of Tritium Transport in Multi-Region Lead-Lithium Liquid Metal Blankets

Huimin Zhang

Biochemistry and Molecular Biology/ Harold G. Martinson

Unraveling the Molecular Mechanism of Poly(A)-Dependent Transcription Termination

Wei Zhang

Management/ Reza H. Ahmadi

Understanding the Process and Impacts of Price Bargaining and Contracting in High-Tech Supply Chains: A Combination of Empirical and Theoretical Analysis

Feng Zhao

Physics/ Huan Z. Huang

Strangeness Production and Strange
V0 & Charged Hadron Correlation in
Heavy-Ion Collisions

Xiaochuan Zhao

Electrical Engineering/ Ali H. Sayed

Learning under Imperfections by
Networked Agents

Yuxi Zhao

Chemistry/ Paul S. Weiss

Interface Properties of Functional
Molecules on Au[111]: From
Photoinduced Charge Transfer to
Exchange Reactions

Jason Xin Zheng

Computer Science/ Miodrag Potkonjak

PUF-Based Hardware and Software
Active IP Protection

Tong Zhou

Physics/ Stuart Brown

NMR Study of Triangular Lattice
Antiferromagnet $\text{Ba}_3\text{CoSb}_2\text{O}_9$

Suwei Zhu

Chemical Engineering/ Tatiana Segura

Promoting Wound Healing by
Engineering Enzyme-Responsive
Delivery of Multiple Proteins and
Amphiphilic Injectable Hydrogel

Joseph Robert Zipkin

Mathematics/ Andrea Bertozzi

Mathematical Models and Methods for
Behavior in Social Networks: Urban
Crime, Self-Exciting Interactions, and
Information Spread

Mila Zuo

Film and Television/ Kathleen A.
McHugh

Trans/national Chinese Bodies
Performing Sex, Health, and Beauty in
Cinema and Media