

2022 GRAD SLAM COMPETITORS

Mostafa Abuseada, MECHANICAL ENGINEERING

Solar-Thermal Production of Hydrogen and Graphite

Nathaniel Anderson, HEALTH POLICY AND MANAGEMENT

Measuring Child Well-Being Among the U.S. Population

Shomik Ati, PHYSIOLOGICAL SCIENCE

Sex Differences in Feeding Behavior

Rajashree Bhattacharya, MATERIALS SCIENCE AND ENGINEERING

New Materials for Fuses that Work in Space

Ashley Binnquist, PSYCHOLOGY

Cross-Ideological Communication

Toni Boltz, HUMAN GENETICS

Can a Drop of Blood Predict Your Risk for Mental Illness?

Jonathan Brand, BIOENGINEERING

Spatially Selective Vagus Nerve Stimulation

Elizabeth Burnette, NEUROSCIENCE

What E.Coli Endotoxin Can Tell Us About Addiction

Lauren Chiang, EDUCATION

Time Is Not Money - The Relationship Between Parental Stress and Family Resources

Michael Fischella, GEOGRAPHY

Investigating Ecogeomorphic Interactions in Drylands: Aeolian Processes

Ashley Fletcher, ELECTRICAL AND COMPUTER ENGINEERING

Quantum Biology: Understanding How Quantum Phenomena Affect Our Everyday Lives

Yifan Gao, CIVIL ENGINEERING

Mighty But Mini Particles Can Clean the World

Poorva Garg, COMPUTER SCIENCE

Model Your World

Ishani Ghosh, EAST ASIAN STUDIES

Complexities of Appropriation

Jacob Green, HISTORY

Anesthesia and Religious Experience

Lance Hall, PUBLIC HEALTH

Deeper Stories, Better Outcomes

Mariana Harris, BIOMATHEMATICS

Detecting Adaptation in Genomic Data

William Hayes, MANAGEMENT

Kelvi's Digital Transformation

Rosemary He, COMPUTER SCIENCE

Graph Embedding Methods to Study Neural Degeneration in Alzheimer's Patients

Rachel Hodge, MOLECULAR BIOLOGY

Spilling Your Guts

Pavan Holur, ELECTRICAL ENGINEERING

Conspiracy Theories and How to Find Them

Shruti Indiresan, CIVIL ENGINEERING

Wetlands and Wildfires: How Microbes Maintain Balance

Yash Jain, ORAL BIOLOGY

Is Your Jaw Decaying?

Jacob Kohlhepp, ECONOMICS

Why Do We Do What We Do?

Breona Leonard, PHYSICS AND BIOLOGY IN MEDICINE

Adaptive Radiotherapy: Artificial Intelligence and the Prostate

Briley Lewis, ASTRONOMY AND ASTROPHYSICS

Finding Planets in a Forest of Speckles

Sangmin Lim, MECHANICAL ENGINEERING

Bacteria Robot Simulation: Helping Nanobots in Precision Medicine

Mary Jo Madda, EDUCATION

The Science Behind Bad PowerPoints: Why No One Remembers What You Said

Thomas Newhall, ASIAN LANGUAGES AND CULTURES

Buddhism as a Way of Life

Ashton Pemberton, EDUCATION

The Color of Accusal: Black Men's Perceptions of Intra-racial Sexual Violence

Collin Roberts, MATERIALS SCIENCE AND ENGINEERING

Everything is Made of Something: Titanium, Computers, and the Future

Kelsi Rutledge, BIOLOGY

The Fluid Dynamics of Smell: A Stingray's Perspective

Kshitija Shah, CIVIL ENGINEERING

Zero Waste (Water Treatment)!

Deepak Singla, BIOENGINEERING

Walking aka Gait Cycle: Can it Help in Parkinson's Disease?

Samantha Stein, ANTHROPOLOGY

Calling Bologna in Biomedical Research

Jessie Stoolman, ANTHROPOLOGY

Black and Jewish: The Social Life of Archives in North Africa

Graham Straus, POLITICAL SCIENCE

What are the Effects of Two Party Competition in the United States?

Phillip Sundin, BIostatistics

Stepped Wedge Designs: Stair Climbers of Clinical Trials

Katherine Taylor-Hasty, ARCHITECTURE

These are Monuments Too

Brandon Tsai, HUMAN GENETICS

Breaking the Rules to Fight Cancer

Judah Van Zandt, ASTRONOMY AND ASTROPHYSICS

Finding the Connection Between Close-In Small Planets and Distant Giants

Paul Vander, MOLECULAR, CELLULAR, AND INTEGRATIVE PHYSIOLOGY

Suspended Animation as Medicine - Science or Fiction?

Jenna Wahbeh, BIOENGINEERING

Total Disc Replacements: How Can We Better Help the Patient?

Junbo Wang, ELECTRICAL AND COMPUTER ENGINEERING

CubeSat Antennas Connecting Humanity: Towards a Better World for Everyone

Ziqi Wang, ELECTRICAL AND COMPUTER ENGINEERING

ViWatch: A Robust Smartwatch Interaction Interface Using On-body Tapping

Tanner Waters, ENVIRONMENT AND SUSTAINABILITY

Unlocking Our Ocean's Secrets Through Fish Dandruff

Kyle Winterboer, PUBLIC POLICY

Seeds of Consolidation: From the Farm to the City

Sihwan Yang, ECONOMICS

Dominant Currency Paradigm with Input-Output Linkage

Nicole Zeltser, HUMAN GENETICS

How Much Do Your Genetics Impact Your Health?

Icy Zhang, PSYCHOLOGY

Watching a Hands-On Activity Improves Students' Understanding of the Shuffle Function in R



ACKNOWLEDGEMENTS

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

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Susan L. Ettner

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