



Graduate & Professional Student Research Forum 2016 Outstanding Presentation Awards

Platform Sessions

Science Platform Session A: Student Union Room 205

- 1st place Courtney Bartlett, Department of Geoscience. **Abstract Title:** Phosphate Release from Minerals is an Important Source of Phosphate for Life and Potential Prebiotic Chemistry
- 2nd place Lynette Kolger, Department of Chemistry. **Abstract Title:** Characterizing Electronic and Chemical Properties of Solution-Processed Transparent Conductive Oxides Using Photoelectron and Inverse Photoemission Spectroscopy
- Honorable Mention Alicia Crespín, School of Life Sciences. **Abstract Title:** Caterpillar-Ant Interactions in the Mojave Desert: Communication Brings Us Together
- Honorable Mention Katelyn Porter, School of Life Sciences. **Abstract Title:** The Role of Mfd in Oxidative Damage Repair

Science Platform Session B: Student Union Room 207

- 1st place Moinak Bhaduri, Department of Mathematical Sciences. **Abstract Title:** An Investigation into the Forecasting Power of Empirical Recurrence Rates and Ratios with Emphasis on Rare Event Modeling
- 2nd place Jonathan Baker, Department of Geoscience. **Abstract Title:** Microclimatic Monitoring of Kinderlinskaya Cave, Russia to Interpret Paleoclimate Proxy Data
- Honorable Mention Michael Isaacs, School of Life Sciences. **Abstract Title:** Walking Dynamics of Persons with a Lower Leg Amputation Employing a Passive or a Powered Foot-Ankle Prosthetic Device
- Honorable Mention Anthony Waddle, School of Life Sciences. **Abstract Title:** A Questionable Role for Pathogenic Chytrid Fungus in the Decline of the Relict Leopard Frog

Science and Engineering Platform Session C: Student Union Room 208A

- 1st place Kishor Shrestha, Department of Civil and Environmental Engineering and Construction. **Abstract Title:** Cost and Customer Satisfaction of Culvert Cleaning and Sweeping Road Projects in Nevada
- 2nd place Matthew Hodges, Department of Mechanical Engineering. **Abstract Title:** Radiation Characterization of the UNLV Accelerator Facility



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Science and Engineering Platform Session C: Student Union Room 208A *(continued)*

Honorable Mention Sichu Shrestha, Department of Civil and Environmental Engineering and Construction.
Abstract Title: Perchlorate: Contaminant of Concern for Drinking Water

Honorable Mention Chao Chen, Department of Civil and Environmental Engineering and Construction.
Abstract Title: Quantitative Assessment of Streamflow Changes in Lehman Creek with Influences from Global Warming

Social Science Platform Session A: Student Union Room 208B

1st place Shelly Volsche, Department of Anthropology. **Abstract Title:** Mom, Dad, and the Dog: A New and Changing Definition of Family

2nd place Liya M. Rakhkovskaya, Department of Psychology. **Abstract Title:** Clarifying the Role of Ethnic Identity in Body Weight and Shape Concerns in African American, Asian American, and Latina American College Women

Honorable Mention Katelyn DiBenedetto, Department of Anthropology. **Abstract Title:** An Investigation of Possible Seasonal Movement between the Lowlands and the Uplands in the Early Neolithic for Western Cyprus through the Application of Stable Isotopic Studies

Honorable Mention Jessica E. Nave-Blodgett, Department of Psychology. **Abstract Title:** Perception of Auditory and Visual Disruptions to the Beat and Meter in Music

Social Science Platform Session B: Student Union Room 209

1st Place Vanessa C. Irsik, Department of Psychology. **Abstract Title:** Change Deafness is Reduced but not Eliminated by Practice

2nd Place Matthew Martinez, Department of Anthropology. **Abstract Title:** Coalitional Psychology and Political Preferences

Honorable Mention Monica M. Bolton, Department of Psychology. **Abstract Title:** Interactions of Ketamine Administration and mTOR Signaling on Parvalbumin Positive Neurons

Social Science, Business and Hotel Platform Session C: Student Union Room 211

1st Place Lenna V. Shulga, Department of Hotel Administration. **Abstract Title:** Customer and Company Interactions in Value Co-Creation: The Role of Commercial Friendship

2nd Place Kate Eugenis, Department of Political Science. **Abstract Title:** Media Coverage and Campaign Spending in State Supreme Court Races



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Social Science, Business and Hotel Platform Session C: Student Union Room 211 *(continued)*

Honorable Mention Andrea Dassopoulos, Department of Sociology. **Abstract Title:** A Room of My Peers: The Experiences of Problem Gamblers in Treatment

Honorable Mention Kaiyang Wu, Department of Economics. **Abstract Title:** Understanding Heterosexual Consumers' Reactions toward LGBT-Friendly Cues in Restaurants

Social Science Platform Session D: Student Union Room 213

1st Place Breanna Boppre, Department of Criminal Justice. **Abstract Title:** Exploring Gender Differences in Cross-National Imprisonment Rates Using a Conjunctive Analysis of Case Configurations

2nd Place Jason Scott, Department of Sociology. **Abstract Title:** Study: How Female Tourists Participate as Consumers in Bangkok's Red Light Districts and Adult Entertainment Zones

Honorable Mention Nathan Henceroth, Department of Political Science. **Abstract Title:** Do Regional Parties and their Supporters Value EU Money?

Honorable Mention Moritz Rissmann, Department of Political Science. **Abstract Title:** Effects of Natural Disaster on Voting Results

Education Platform Session A: Student Union Room 218

1st Place Marissa Nichols, Department of Educational Psychology & Higher Education. **Abstract Title:** Student-Athlete Beliefs about Intelligence and Sport Ability

2nd Place Refika Turgut, Department of Teaching & Learning. **Abstract Title:** "It's Not My Job": How Pre-service Teachers Re(position) Themselves and English Language Learners

Honorable Mention Robert Walker, Department of Teaching & Learning. **Abstract Title:** A Critical Race Theory Examination of the History of Black Males in the United States Army

Honorable Mention Katie Woods, Department of Educational Psychology & Higher Education. **Abstract Title:** Making Math Matter: Engaging Students in Mathematics through Innovative Uses of Social Media and Technology



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Education Platform Session B: UNLV Student Union Room 219

- 1st Place Caitlin Saladino, Department of Educational Psychology & Higher Education. **Abstract Title:** Understanding High School Seniors' College and Career Aspirations: A Mixed Methods Investigation of College Application Month
- 2nd Place Barbara Paz Cornejo, Department of Teaching & Learning. **Abstract Title:** Alternative Disciplinary Practices

Humanities & Fine Arts Platform Session A: UNLV Student Union Philip J. Cohen Theatre

- 1st place Stefanie Resnick, Madison Kist, Kayla Gaar, Jack Lafferty, Jasmine Mathews, Sam Cordes, Bernhard Verhoeven, Darek Riley, Amber Bonasso, Stephon Pettway and Ryan Dougherty, Department of Theatre Arts. **Abstract Title:** The Industry Showcase
- 2nd place Rachel Disney, Department of English. **Abstract Title:** The Women Before Us: Role Models in Women's Magazines and the Works of Storm Jameson, Vera Brittain, and Winifred Holtby
- Honorable Mention Rebecca Robison, Department of English. **Abstract Title:** Translating in Toulouse
- Honorable Mention Syed Haider Shahbaz, Department of English. **Abstract Title:** Locating Accra

Poster Sessions

Science and Engineering Poster Session A: UNLV Student Union Ballroom

- 1st Place Kazi Ali Tamaddun, Department of Civil and Environmental Engineering and Construction. **Abstract Title:** Evaluating Streamflow Changes in Continental U.S. Using Wavelet Transformation
- 2nd Place Erica Marti, Department of Civil and Environmental Engineering and Construction. **Abstract Title:** Ozone-Reactive N-nitrosodimethylamine (NDMA) Precursors: Yields, Factors Affecting Formation and Implications for Water Reuse
- Honorable Mention Jessica Hartman, Department of Mechanical Engineering. **Abstract Title:** Remote Sensing of Neutron and Gamma Radiation Using an Aerial Unmanned Autonomous System
- Honorable Mention Yiyang Li, Department of Electrical and Computer Engineering. **Abstract Title:** Digital Microfluidics with Mechanical Perturbations from the Top Plate



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Science and Health Science Poster Session B: UNLV Student Union Ballroom

- 1st Place Kristi Agari, School of Dental Medicine. **Abstract Title:** Folates are Associated with a Wide Variety of Human Health Benefits
- 2nd Place Jacqueline Phan, Department of Chemistry. **Abstract Title:** Bile Salt Analogs as Anti-Germinants in the Prevention of Clostridium Difficile Infection
- Honorable Mention Toni Jilka, School of Dental Medicine. **Abstract Title:** Differential Expression of Micro(mi)RNA within Cancer Stem Cell (CSC) Subpopulations

Science and Health Science Poster Session C: UNLV Student Union Ballroom

- 1st Place Matthew Thacker, School of Dental Medicine. **Abstract Title:** Indoleamine 2,3-Dioxygenase and Tryptophan Dioxygenase Enzymes are Actively and Differentially Expressed in Oral Cancers
- 2nd Place Whitney Saarem and Fang Yu Wang, School of Dental Medicine. **Abstract Title:** Propolis or Caffeic Acid Phenethyl ester (CAPE) Inhibits Oral Cancer Growth and Viability
- Honorable Mention Judy Goldman, School of Public Health. **Abstract Title:** An Evaluation of State Ombudsman Websites for Nursing Home Consumers
- Honorable Mention Chun Yin Wong and Van Tan, School of Dental Medicine. **Abstract Title:** Hydroxytyrosol (HT) Suppresses Growth and Reduces Viability in Human Oral Squamous Cell Carcinomas

Science and Health Science Poster Session D: UNLV Student Union Ballroom

- 1st Place Ashley Tovar, Department of Kinesiology and Nutrition Sciences. **Abstract Title:** The Effect of Moderate Consumption of Non-Nutritive Sweeteners on Glucose Tolerance and Body Composition in Rats
- 2nd Place Scott C. Thomas, School of Life Sciences. **Abstract Title:** Genomic and Physiological Exploration of *Thermoflexus hugenholtzii*, a Representative of a Novel Class in the *Chloroflexi*
- Honorable Mention Evan Davis, School of Dental Medicine. **Abstract Title:** Expression of NKX2-1 and Matrix Metalloproteinases in Oral Cancers



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Science and Health Science Poster Session E: UNLV Student Union Ballroom

- 1st Place Ian Pearson and James Luke Taylor, School of Dental Medicine. **Abstract Title:** Evaluation of Differential Oral Cell Type-Specific Responses to E-cigarette Components
- 2nd Place Inyoung Chong, School of Dental Medicine. **Abstract Title:** All-Trans Retinoic Acid (ATRA)-Induced Effects on Dental Pulp-Derived Mesenchymal Stem Cells (DPSC)
- Honorable Mention Saruna Ghimire, School of Public Health. **Abstract Title:** Validation of the Nepalese Version of Mini Nutritional Assessment Tool
- Honorable Mention Ghazaleh Rezaei and Weston Milne, School of Dental Medicine. **Abstract Title:** Cariogenic Pathogen *Scardovia wiggsiae* Screening among Pediatric Orthodontic Patients: A Pilot Study

Social Science Poster Session A: UNLV Student Union Ballroom

- 1st Place Carrie R. Underwood, Department of Psychology. **Abstract Title:** Perceptions of Women Who do not Change Their Surname after Marriage
- 2nd Place Karli Nave, Department of Psychology. **Abstract Title:** Musical Rhythms Induce Long-Lasting Beat Perception in Musicians and Non-Musicians
- Honorable Mention Stacy J. Graves, Department of Psychology. **Abstract Title:** The Relationship between ADHD Symptomatology and BASC-2 Parent Ratings

Social Science Poster Session B: UNLV Student Union Ballroom

- 1st Place Stephanie Verba, Department of Psychology. **Abstract Title:** How Predominant Female Experience Influences Children's Categorization and Typicality Judgments
- 2nd Place Yulia Gavrilova, Department of Psychology. **Abstract Title:** Evaluation of a Goal-Oriented Alcohol Prevention Program in Student-Athletes
- Honorable Mention Cheryl Anderson, Department of Anthropology. **Abstract Title:** Blood in the Villages: Situating Massacres within Broader Social Processes



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Social Science Poster Session C: UNLV Student Union Ballroom

- 1st Place Travis Loughran, Department of Psychology. **Abstract Title:** Psychological Skills as a Predictor of Thoughts and Stress Sport Training
- 2nd Place Christina M. Vanden Bosch der Nederlanden, Department of Psychology. **Abstract Title:** Listeners Can Be Biased to Use Object-Level Analysis during Change Detection
- Honorable Mention Stephany M. Molina, Department of Psychology. **Abstract Title:** Psychopathy Factors, Postauricular and Startle Blink Reflexes during Emotional Pictures and Sounds
- Honorable Mention Brenna Wilkerson, Department of Anthropology. **Abstract Title:** Diet and Subsistence Strategies among Virgin Branch Puebloan (VBP) Groups Living in the Muddy River Valley in Southern Nevada and on the Shivwits Plateau in Northwestern Arizona

Social Science and Hotel Poster Session D: UNLV Student Union Ballroom

- 1st Place Miliiaikeala S.J. Heen, Department of Criminal Justice. **Abstract Title:** Eyes in the Sky: Public Attitudes Towards Police Use of Drone Technology
- 2nd Place Nicole Santero, School of Journalism and Media Studies. **Abstract Title:** #5YearsofOneDirection: An Analysis of the One Direction Fandom's Ability to Influence and Dominate Worldwide Twitter Trends
- Honorable Mention Kelly Stout, School of Environmental and Public Affairs. **Abstract Title:** Crossover Girls in Clark County Juvenile Detention

Education Poster Session A: UNLV Student Union Ballroom

- 1st Place Michelle Dominguez, Department of Educational Psychology & Higher Learning. **Abstract Title:** Using Learning Management System to Predict STEM Achievement: Implications for Early Warning Systems
- 2nd Place Rachel Part, Department of Educational Psychology & Higher Education. **Abstract Title:** Motivation to Learn for Middle and High School Students
- Honorable Mention Cynthia Bezar, Department of Teaching & Learning. **Abstract Title:** A Case Study Analysis of Career and Technical Instructor's Development of Multicultural Self-Awareness through Transformative Learning Experience



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Education Poster Session A: UNLV Student Union Ballroom *(continued)*

Honorable Mention Wynn Tashman, Department of Educational Psychology & Higher Education and William S. Boyd School of Law. **Abstract Title:** Harassment of LGBT Youth in School: Educational Interventions on Reporting Procedure

Fine Arts Poster Session A: UNLV Student Union Ballroom

1st Place Maureen Halligan, Department of Art. **Abstract Title:** Fine Arts Exploration of a Self-Perpetuating Series of Paintings

2nd Place Elizabeth Johnson, Department of Art. **Abstract Title:** Erotic Sovereignty

Honorable Mention Monique Arar, Department of Music. **Abstract Title:** The Evolution of the Keyboard Instrument and its Consequent Impact on Repertoire

Honorable Mention Wendy Chambers, Department of Art. **Abstract Title:** Corporeality: Towards Finitude