As a culminating experience for the master’s degree program, the thesis attests to the highest level of the student’s academic, scholarly, and creative abilities. Each student works under the guidance of a faculty thesis chair and committee. The resulting thesis is viewed with pride as a reflection of the scholarly promise of the student and a commitment to excellence for the university. This spring 2012 semester, 98 students completed theses in areas as varied and original as the students themselves. What follows is a complete list of spring 2012 thesis publications by college/school and some research highlights.

**JORDAN COLLEGE OF AGRICULTURAL SCIENCES AND TECHNOLOGY**

**Food Science and Nutrition**

**Anne Marie Vaughan**  
Sports Nutrition Knowledge Survey of Collegiate Athletes who Received Nutrition Education from a Registered Dietitian  
*(Chair: Lisa Herzig)*

**Plant Science**

**Nathália Mourad Moretti**  
Response of Yield and Quality to Plant Density and Nitrogen Fertilizer Levels in Sweet Corn  
*(Chair: Sharon Benes)*

**Jaya Ram K.C.**  
Selenium Accumulation in ‘Jose’ Tall Wheatgrass (Thinopyrum Ponticum Var ‘Jose’) Irrigated with Saline Drainage Water  
*(Chair: Sharon Benes)*

**Viticulture and Enology**

**Joshua Geller**  
Mechanical Canopy and Crop Load Management of Pinot Gris in a Warm Climate  
*(Chair: Kaan Kurtural)*

**Dave Terry**  
The Interactive Effects of Mechanical Canopy Management and Regulated Deficit Irrigation on Syrah Grapevines in the San Joaquin Valley  
*(Chair: Kaan Kurtural)*

~Dave Terry identifies a combination of canopy management and regulated deficit irrigation methods that reduces costs and enhances berry composition. ~
Lydia Wessner
Mitigating Canopy Microclimate of Syrah Through Vine Training and Canopy Management
(Chair: Kaan Kurtural)

Communication

Stephanie Renee Briones
Intersections within a Latina Deaf Discourse: A Qualitative Communication Interview Study
(Chair: Shane Moreman)

Jennifer Tipton
Communicating Stem Cell Science: A Rhetorical Analysis of President Obama’s 2009 Address Reauthorizing Federal Funding for Stem Cell Research
(Chair: Kevin Ayotte)

Leticia Williams
Who’s That Lady? I Am: A Textual Analysis of the Construction, Negotiation, and Communication of First Lady Michelle Obama
(Chair: Marnel Niles Goins)

Creative Writing—Master of Fine Arts

Ian Conrad-Mitchell
Growing Food in Space
(Chair: Tim Skeen)

Kimberly Crews
Bleach Me
(Chair: Steven Church)

Tiffany Crum
Untitled Novel
(Chair: Randa Jarrar)

Peter Driscoll
A Dull Roar
(Chair: Alex Espinoza)

Cynthia Guardado
In Exchange for My Absence
(Chair: Tim Skeen)

Nancy Hernandez
Looking for God in Clean Houses
(Chair: Tim Skeen)

Jacob Kelly
Something to Kill
(Chair: Steven Church)

Rafael Sanchez
Ambivalencia (Or the Relative Distance of Saints)
(Chair: Alex Espinoza)

Ashley Wells
Girls and Horses: An Exploration of Power and Risk
(Chair: Steven Church)

Andre Yang
Suburban Refugee
(Chair: Tim Skeen)
Alyssa Garvin attempts to solve the problem of whether or not a tale can be successfully told through any medium recognized as a mode for artistic expression.

Alyssa Garvin
Storytelling Through Multiple Mediums: Does All Artistic Expression Wish to Tell a Tale?
(Chair: Alex Espinoza)
**CRAIG SCHOOL OF BUSINESS**

**Business Administration**

**Stefanie Trevino-Gander**
Relationship Between Cultural Scripts and Organizational Commitment Among Latino Professionals
 *(Chair: Rudolph Sanchez)*

**LYLES COLLEGE OF ENGINEERING**

**Civil Engineering**

**David Biswanger**
The Effects of Earth Movement on Land Monuments and Boundaries
 *(Chair: James Crossfield)*

~David Biswanger examines the geological processes involved with the problem of earth movements. He reviews applicable legal case precedent, statute law, civil code, procedure, and existing court doctrine to evaluate all germane existing legal doctrine.

**COLLEGE OF HEALTH AND HUMAN SERVICES**

**Communicative Disorders and Deaf Studies**

**Brooke Findley**
The Use of Concurrent Treatment to Teach Grammatical Morphemes to Children with Specific Language Impairment (SLI)
 *(Chair: Steven Skelton)*

**Krysten Ambler**
The Efficacy of Evoking Responses Using Dialogue Reading Techniques in Teaching Grammatical Structures to Children Diagnosed with Expressive Language Disorders
 *(Chair: Christine Maul)*

**Kinesiology**

**Brittany Castro-Conde**
The Psychological Effects of Athletes who Participate in Sport While Injured
 *(Chair: Dawn Lewis)*

**Adam Coronado**
Analysis of Hip and Shoulder Rotation and Linear Ball Velocity in the Transverse Plane During a Handball Power Serve
 *(Chair: Tim Anderson)*
Matthew Emmett
Teaching Behavior Profile During Practices of an Effective Basketball Coach in a Performance Coaching Context
(Chair: Wade Gilbert)

Jamie Fornal
Comparison of Two Post-Exercise Carbohydrate-Protein Drinks on Muscle Damage and Performance
(Chair: Catherine Jackson)

Breanne Nasti
Autonomy-Supportive Competition Behaviors of an Effective Basketball Coach in a Performance Coaching Context
(Chair: Wade Gilbert)

Katie Williamson
Development of an Effective Worksite-Wellness Program for K-8 School District Employees
(Chair: Felicia Greer)

Public Health

Svetlana Bagdasarov
The Impact of Acculturation on Hispanic Immigrant Women’s Self-Esteem
(Chair: Helda Pinzon-Perez)

Lilia De La Cerda
Underrepresented Minority Students, Medical School Matriculation, and the Health Careers Opportunity Program at California State University, Fresno
(Chair: John Capitman)

Maria Sandoval
An Assessment of Hemoglobin A1C Level Changes in Participants of a Diabetic Care Program at a Federally Qualified Health Center in California
(Chair: Helda Pinzon-Perez)

Social Work Education

Nicole Arbazadeh
Examining the Attitudes, Knowledge, and Preparedness of Behavioral Health Personnel in Working with Co-Occurring Disorders
(Chair: Virginia Rondero-Hernandez)
Abigail Arii
Teacher Efficacy in Working with Students on 504 Plans
(Chair: Virginia Rondero-Hernandez)

Jason Fritts
Mindfulness-Based Cognitive Therapy for Treating Depression Among Economically Disadvantaged Older Adults: A Mixed-Methods Study
(Chair: Donna Hardina)

Cynthia Guzman
(Chair: Roger Simpson)

Marcella Hojnacki
(Chair: Kris Clarke)

Emma Rasmussen
The Epidemic of Childhood Obesity: Environmental and Systemic Determinants to Healthy Eating and Active Living
(Chair: Kris Clarke)

Lydia Vang
Understanding Parental Divorce Through the Voices of Second Generation Hmong-American Adult Children
(Chair: Kris Clarke)

KREMEN SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

Counseling, Special Education, and Rehabilitation

Eduardo Barragan
Oppression: Perception of Disability on a College Campus
(Chair: Emily Nusbaum)

Ben Britten
Assisting Student-Athletes Achieve Academic Success: A Study of Programs used at a Division I School
(Chair: Juan Carlos González)

Loretta French
Response to Intervention (RTI): Examining an RTI Program and its Effect on Oral Reading Fluency with Students who have Specific Learning Disabilities
(Chair: Colleen Torgerson)
Michael Gerald
The Application of Self-Management to Improve Adherence to Antiretroviral Therapy (ART) Among HIV Positive Transgender Persons
(Chair: Carol Rankin)

Emily Levy
Creating Stimulus Control to Increase On-Task Behavior in a Child with Autism
(Chair: Colleen Torgerson)

Vang Thao
Hmong Parents’ Knowledge of the Individualized Education Program Procedures and Their Involvement in the Process
(Chair: Colleen Torgerson)

Educational Research and Administration

Walter Ramirez
How Self-Identity Influences Chicanas/os to Obtain a Higher Education and to Improve Their Communities: A Qualitative Study
(Chair: Juan Carlos González)

Selene Rico
Dreaming for a Higher Education: The Challenges of Latina/o AB 540 College Students
(Chair: Juan Carlos González)

Kenyon Whitman
University Retention Programs that Serve Former Foster Youth: Identifying Predictors of Academic Success
(Chair: Juan Carlos González)

Biology

Jinsha Liu
Proteomic Evaluation of a Caveolae-Enriched Fraction from Different Integrin Backgrounds: Implications for Tumor Cell Motility
(Chair: Jason Bush)

Louie Long
Growth Rate, Condition Factor, and Bioenergetics of Rainbow Trout in the Kings River Below the Pine Flat Dam, Eastern Fresno County
(Chair: Steve Blumenshine)
Jennifer Phillips  
The Effects of Urban Noise on Song Structure in a Long Distance Migrant, Gambel’s White-Crowned Sparrow (Zonatrichia Leucophrys Gambelli)  
(Chair: Madhusudan Katti)

Judy Ikawa Wakabayashi  
Identification and Characterization of Staphylococcus Aureus Bacillithiol Reductase and Other Key Enzymes Involved in Bacillithiol-Dependent Cellular Detoxification  
(Chair: Mamta Rawat)

Forensic Science

Natashia Robinson  
The Individualization of Leopards via Pattern Analysis of the Spots Forming Their Dorsal Rosette Rings  
(Chair: Kevin Miller)

Garrett Sugimoto  
Rethinking Man’s Place: Toward the Establishment of New Guidelines for the Classification of Human Hair  
(Chair: Kevin Miller)

Theresa Wood  
(Chair: Eric Person)

Geology

Chad Carlson  
Changes in Central Walker Lane strain Accommodation near Bridgeport, California, as Told by the Stanislaus Group  
(Chair: Christopher Pluhar)

Christopher Kemp  
Tectonic and Geomorphic Evolution of the Northern Sierra Nevada, California  
(Chair: John Wakabayashi)

Owen Kubit  
A Decision Model for Geomorphic Reclamation of Abandoned Mines  
(Chair: Chris Pluhar)

~Owen Kubit developed a decision model for geomorphic reclamation of abandoned mines that would overcome the deficiencies of pre-existing models.~

Physics

Michael Duncan  
Solutions to Gravity in 2+1 Dimensions  
(Chair: Douglas Singleton)
Gerald Rude
Observing the Waves in Accretion Disks in Cataclysmic Variable Stars
(Chair: Fredrick Singleton)

Psychology

Angelica Aguirre
Investigation of the Effects of Examining the Effects of Outcome-Related Stimuli on Recycling Behavior in a University Setting
(Chair: Marianne Jackson)

Willa Bass
The Method of Loci and the Proactive Control of Proactive Interference
(Chair: Karl Oswald)

Adrian Cortez
Visuomotor Displacements in a Virtual Environment
(Chair: Lorin Lachs)

Hugo Curiel
The Use of Contingent Reinforcement to Increase Tolerance During Haircut Routines in Children with Autism
(Chair: Amanda Adams)

Adrienne Fairchild
The Effect of Denominator Salience on the Ratio Bias for Risk Judgments
(Chair: Paul Price)

Ashley Gosney
A Meta-Analysis Investigating Gender Differences in Aggressive Driving Behavior
(Chair: Ronald Yockey)

Ryan Holliday
The Effect of an Anger Provocation on Psychological and Physiological Reactions to Social Stressors
(Chair: Christine Edmondson)

Garrett Koslan
Depression as a Predictor of Demand-Withdraw Communication in a Sample of Older, Married Community-Dwelling Adults
(Chair: Amanda Mortimer)
Georgianna Negron
Attachment Style and Rejection Sensitivity as Predictors of Aggression by Women  
(Chair: Christine Edmondson)

~Georgianna Negron explored the relationships between attachment style and rejection sensitivity to predict aggression toward a stranger. ~

Laura Barcelos Nomicos
Incorporation of Choice into Self-Control Training Procedures  
(Chair: Amanda Adams)

Mari Orita
Anger Management: Using Habit Reversal Training to Reduce Anger Behaviors  
(Chair: Christine Edmondson)

Patricia Sanders
The Physiological Correlates of Decision Making and Risk Taking on a Novel Gambling Task  
(Chair: Martin Shapiro)

Mike Stephens
Effectiveness of Video Modeling for Teaching Discrete Trial Programs to Parents of Children with Autism  
(Chair: Amanda Adams)

Mikayel Yegiyan
Implicit Priming of Social Schemas  
(Chair: Karl Oswald)

School Psychology (Ed.S.)

Elizabeth Echeveste
A Review of a Supplemental Education Service Reading Program  
(Chair: Marilyn Wilson)

Brandon Gault
Teachers’ Knowledge of and Attitudes Toward Lesbian, Gay, Bisexual, and Transgender (LGBT) Youth  
(Chair: Constance Jones)

Shaji Haq
Arabic Study and English Language Development  
(Chair: Constance Jones)

~Shaji Haq measured the effects of Arabic instruction on English literacy skills.~
Elizabeth Howell  
Priming with Counterstereotypes to Reduce Biased Treatment of Unattractive Children  
(Chair: Marilyn Wilson)

Diego Lopez  
Utilizing DIBELS to Predict English Language Learners’ California Standards Tests (CST) Performance  
(Chair: Marilyn Wilson)

Magdalena Macias  
Student Social Development as Reflected in Teacher Narrative Comments  
(Chair: Hong Ni)

Stephanie Martinez  
Student Work Habits: A Qualitative Analysis of Report Card Comments  
(Chair: Hong Ni)

Francesca Ventura  
Differences Between Adolescent and Adult Risky Decision Making: A New Measure  
(Chair: Martin Shapiro)

Shelby Wagner  
The Effects of the Raisin School Readiness Program on Children’s Academic Performance and Parents’ Life Satisfaction and Family Life Satisfaction  
(Chair: Constance Jones)

Criminology  
Cashen Boccio  
Affective Processes in Decision Making and Self-Control: A Critical Look at Ainslie’s Model of Decision Making Using Neuroscience Literature  
(Chair: Jason Kissner)

Caitlin Lynch  
Law Enforcement Officers’ Theoretical Commitments and Their Effects on Attitudes Toward Punitiveness  
(Chair: Jason Kissner)
History

Angelique Duvet-Tovar
Impact on a Generation: Growing Up During Vichy’s National Revolution, 1940-1944  
(Chair: Melissa Jordine)

Charles Slaght
Nationalism and German Reunification: Günter Grass, Jürgen Habermas, and an Objection to the German Nation-State  
(Chair: Melissa Jordine)

Alicia Wolfe
Changing Notions of Property: A Legal Perspective of Eighteenth Century Pennsylvania  
(Chair: Brad Jones)

~Charles Slaght analyzes and interprets the opinions of author Günter Grass and philosopher Jürgen Habermas concerning their trepidation of German national identity following World War II and through German reunification.~