

thesis review 2011

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 fall 2011 semester, 38 students completed theses in areas as varied and original as the students themselves. What follows is a complete list of fall 2011 publications by college/school and some research highlights.

JORDAN COLLEGE OF AGRICULTURAL SCIENCES AND TECHNOLOGY

Animal Science

Abigail Hall

Effects of Dietary Egg Yolk Antibodies on Dairy Calves' Health and Growth

(Chair: Jon Robison)

Randall Long

The Effects of Alternative Housing on Pork Carcass Quality and Yield Characteristics

(Chair: John Henson)



Food Science and Nutrition

Shelley Matson

Assessing the Effect of Body Mass Index on Body Size Dissatisfaction in Preadolescents in an Impoverished Community in Fresno, California

(Chair: Lisa Herzig)

◀ Shelley Matson assessed the **body image perceptions** of preadolescents living in a community where 70% of the individuals were living below the poverty line.



COLLEGE OF ARTS AND HUMANITIES

Art

Siriraj Bannavittayakit

Morality and Ethics in Architectural Design

(Chair: A. Sameh El Kharbawy)

Hazel Hofman

An Interpretation of Textile Wealth in the
Eleventh-Century Armenian Miniature Family
Portrait of King Gagik-Abas of Kars

(Chair: Keith Jordan)



English

Aaron Benson

Deconstructing the Self: Models of Disenchantment

(Chair: Lyn Johnson)

← Aaron Benson argues that by having a sense of place and **immersing ourselves in nature** we become more sensitive to the overall physical experience of being in nature, and to the sublime experience when Nature provides it.

MFA

Megan Baptista

If You Set Your House on Fire

(Chair: Connie Hales)

Andrea Mele

The Ing Is the Thing: An Epigraphy

(Chair: John Hales)

Jocelyn Mettler

This Slow Fastening

(Chair: Connie Hales)

*"I only wanted to cast: to press and release,
to snap my wrist and listen to the string
whipping through the wind—"
from "Fishing Line," J. Mettler*

Brenda Rankin

Flinch: Narratives from the Gap Between Fight and Flight

(Chair: Steven Church)

Mass Communication and Journalism

Grant Bedrosian

The X-Men and Stereotypes of Dominant and Subordinate Groups

(Chair: Kelley McCoy)



Modern and Classical Languages and Literatures

Guadalupe García

Sor Juana Inés de la Cruz y su refutación velada de la teoría platónica

(Chair: Gloria Medina-Sancho)

Yaqueline Lemus

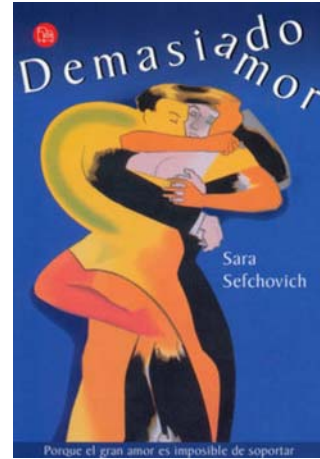
El devenir del ser y la coexistencia del tiempo: Garro, Fuentes y Mastretta

(Chair: Saúl Jiménez-Sandoval)

Maribel López

Diálogo, fluidez y cambio ante la tradición de occidente y la forma Mexicana: Demasiado amor de Sara Sefchovich

(Chair: Saúl Jiménez-Sandoval)



Julio Mondragón

Interacción entre personajes y géneros dentro de la novela

El ingenioso hidalgo don Quijote de la Mancha

(Chair: Ted Bergman)

Yanet Parra

El juego y el sujeto femenino interpelado en Poniatowska:

Lilus Kikus y *Querido Diego te abraza Quiela*

(Chair: Saúl Jiménez-Sandoval)



LYLES COLLEGE OF ENGINEERING

Civil Engineering

Paul Fridley

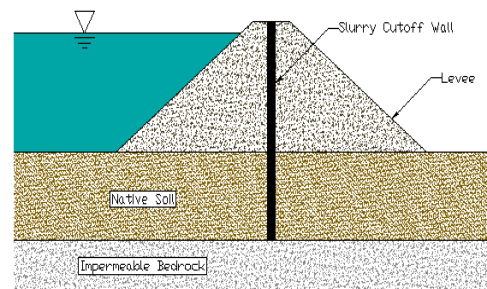
An Accuracy Assessment of the Bureau of Land Management's Geographic Coordinate Database

(Chair: James Crossfield)

Mathew Graham

Seismic Performance of Slurry Walls

(Chair: Ming Xiao)



Kulwinder Sharma

Developing a New Land Tenure Approach for India

(Chair: James Crossfield)

COLLEGE OF HEALTH AND HUMAN SERVICES

Public Health

Ericka Peterson

Factors That Influence Maternal Figures' Perceptions of Their Child's Weight Status

(Chair: Vickie Krenz)

Melanie Ruvalcaba

Evaluating the Effectiveness of the Open Airways for Schools Program in Fresno Unified Schools

(Chair: Vickie Krenz)



COLLEGE OF SCIENCE AND MATHEMATICS

Biology

Jodi Holeman

Insecticide Resistance and the Efficacy of Ground ULV Applications in Fresno County, CA

(Chair: Paul Crosbie)

Matthew Middleton

Locating the Geographical Origin of *Lobesia botrana* (Lepidoptera: Tortricidae): A Recent Invasive Pest to the Americas

(Chair: Paul Crosbie)



Seth Reid

Ecological and Social Drivers of Tree Species Diversity and Distribution in Urban Habitats of the Central Valley of California

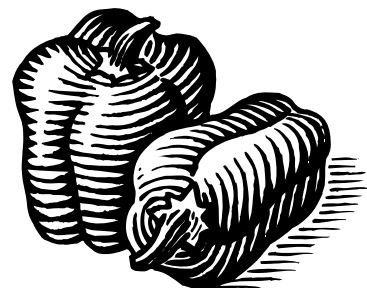
(Chair: Madhusudan Katti)

◀ Seth Reid seeks a better understanding of **urban ecosystems** and effective urban policy that will help sustain the urban population and its surrounding flora and fauna.

Dylan Storey

Exploiting Sequence Variation in *C. annuum* for Integrative Mapping

(Chair: James Prince)



Chemistry

Samantha Gustafson

Oxygenation Studies of Bis(O-ethyl-L-cysteinato)nickel(ii)

(Chair: Melissa Golden)

Computer Science

Jacob Lee

Situation Theory: A Survey
(Chair: Todd Wilson)



Forensic Science

Dominique Jacquemet

Individuality of Toolmark Impressions Using Firing
Pins for a .45 Caliber Glock Pistol
(Chair: Eric Person)

Rebecca Stalker

Characterization of Oxazolidine Byproducts in Methamphetamine Laboratory Analysis
(Chair: Eric Person)

Geology

Nitin Vaid

Evolution of the Craters of the Moon Lavas and Neighboring
Olivine Tholeiites of Snake River Plain: New Inferences from
Whole Rock and Additional Trace Element Data
(Chair: Keith Putirka)



Physics

Jonathan Roveto

Challenging Entropic Gravity
(Chair: Gerardo Muñoz)

Steve Wilburn

Violation of the Equivalence Principle Via Quantum Effects
(Chair: Douglas Singleton)

Brent Wilson

Search for W and Z Bosons from First Atlas Data
(Chair: Yongsheng Gao)

◀ Jonathan Roveto challenges a recent theory that **gravity** should be viewed not as a fundamental force, but as an emergent thermodynamic phenomenon due to some yet undetermined microscopic theory.

Psychology

Brianah Winslow

The Treatment of Food Selectivity in Children with Autism:
An Examination of Social Validity and Parental Adherence
(Chair: Marianne Jackson)



Psychology—Educational Specialist

Sylvia Rodriguez

Full-Day Versus Half-Day Kindergarten Students' Early Literacy Skills

(Chair: Constance Jones)

COLLEGE OF SOCIAL SCIENCES

History

Tony Carvalho

The Fresno Diocese Divided Over Chavez:
Local Catholics Encounter a Foreign Church
in the Delano Grape Strike

(Chair: Maritere Lopez)

Emily Wolfe

FDR and the Press

(Chair: Blain Roberts)

