

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 spring 2011 semester, 61 students completed theses in areas as varied and original as the students themselves. What follows is a complete list of spring 2011 publications by college/school and some research highlights.

JORDAN COLLEGE OF AGRICULTURAL SCIENCES AND TECHNOLOGY

Animal Science

Brittany Whyler

Salivary Cortisol as an Indicator of Stress in Performance
Quarter Horses in a Home and Show Environment
(Chair: Anne Rodiek)



Food Science and Nutrition

Jennifer Pietz

Factors Influencing Student Selection of Dietetic Internship Programs
(Chair: Lisa Herzig)

Plant Science

Christine Rainbolt

Steam as a Methyl Bromide
Alternative in California
Cut Flower Production
(Chair: Anil Shrestha)



◀Christine Rainbolt evaluated two steam application methods as **Methyl Bromide alternatives** in cut flower nurseries.

COLLEGE OF ARTS AND HUMANITIES

Creative Writing—Master of Fine Arts

Michelle Brittan

The Numerology of Us
(Chair: Tim Skeen)

Marilyn Byrne

Cradled Between the Earthworm's Soil
and the Skybird's Flight
(Chair: Connie Hales)

Brian Fikes
Church of the One Streetlight
(Chair: John Hales)

Gabriel Ibarra
Garage Sale
(Chair: Tim Skeen)

Jane Jeffers
Mary the Elephant and Other Stories
(Chair: Alex Espinoza)

Miguel Jimenez
Goodbyes: Stories
(Chair: Alex Espinoza)

*"I grew up in a borderland between New York City country clubs and Pennsylvania Dutch farms, the great expanse between civilization and wilderness nearly swallowing me up at times."
--Georgia Williams, Raised for Chaos: A Memoir*



Mario Rosado
Earth at Great Heights
(Chair: Alex Espinoza)

Kristofer Whited
Elements of Home
(Chair: Alex Espinoza)

Georgia Williams
Raised for Chaos: A Memoir
(Chair: John Hales)

English

Kristen Akina
The Problem of Female Reserve: Jane Austen's Script of Sisterhood
(Chair: Ruth Jenkins)



Lorena Hayes
Rethinking Pedagogies, Reform, and Ideologies in Secondary Schooling
(Chair: Virginia Crisco)

Jenny Heaton
Subterranean Places: Finding Archetypal Meaning in Autobiographies Through the Deconstruction of Binary Language
(Chair: John Beynon)



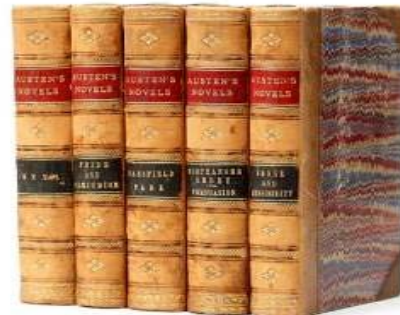
Megan McKnight
The Construction of Error in Teacher Commentary on Latino/a and White Students' Writing in a First Year Writing Program
(Chair: Asao Inoue)

Monica Medina
Ageism in the Novels of Jane Austen
(Chair: Ruth Jenkins)

◀ Monica Medina examined the practice of discrimination based upon age in the six core novels of
Jane Austen.

Linguistics

Viktoriia Teliga
Phonological Movement in Ukrainian
(Chair: Chris Golston)



Modern and Classical Languages and Literatures

Yuleinys Castillo

Mujer y nación en tres novelas sudamericanas: *Iracema*, *Doña Bárbara* e *Ifigenia*
(Chair: Gloria Medina-Sancho)

Julio Puente García

Modernidad, consciencia y libertad del individuo en Rulfo, Quiroga y Cortázar
(Chair: Saúl Jiménez-Sandoval)

Iván Sergio Garibay

Sex, Madness and the Subversion of Power Structures in the Works of **Leopoldo María Panero**
(Chair: Debbie Avila)



CRAIG SCHOOL OF BUSINESS

Business Administration

Russel Statham

Leadership Development in Student Governing Board Members
(Chair: Lynnette Zelezny)

◀ Russel Statham evaluated the effectiveness of the various methods through which students serving on university governing boards undergo

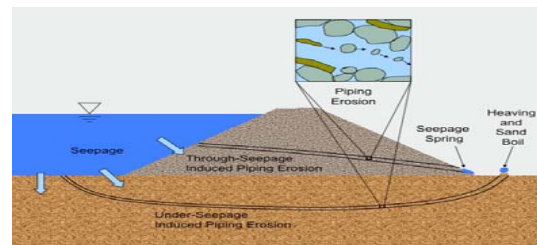
leadership development

COLLEGE OF ENGINEERING

Civil Engineering

Benjamin Adams

Piping Erosion Mechanisms of Organic Soils and Bioabatement of Piping Erosion of Sand
(Chair: Ming Xiao)



COLLEGE OF HEALTH AND HUMAN SERVICES

Kinesiology

Sean Chamberlain

Extreme Sport Athletes' Perceptions About Sport Psychology and Use of Mental Skills
(Chair: Jenelle Gilbert)



◀ Bryan Crutcher's research determined new implications for sport psychologists working with

injured athletes.

Bryan Crutcher

Perceived Wellness in Injured Collegiate Student-Athletes and Its Association with Mood State, Readiness, and Rehabilitation Adherence

(Chair: Dawn Lewis)



Oscar Rodriguez

The Effects of Multiple Cold-Water Immersions on Recovery from Exercise-Induced Muscle Damage Resulting from Multiple Sessions of Repeated Sprint Performances

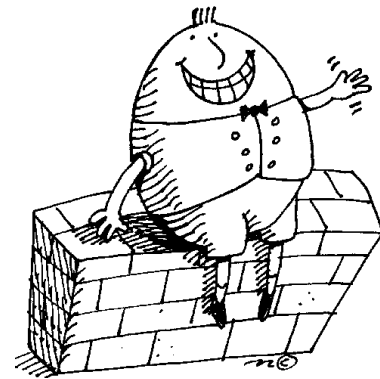
(Chair: Jacobo Morales)

Nursing

Carole Cooper

Evaluation of a Pediatric Fall Risk Assessment Tool

(Chair: Mary Barakzai)



Public Health

Whitney Blum

Ethnicity and Gender as Predictors of Physical Activity Levels of Adolescents

(Chair: Suzanne Kotkin-Jaszi)

Alicia Gonzalez

An Exploratory Analysis of Access to Care and Health Status Among Undocumented Latinos in Fresno County, California

(Chair: John Capitman)

◀ Inability to pay and fear of discovery by U.S. immigration were among the barriers to

health care access by the undocumented Latinos in Alicia Gonzalez's study.

Esther Rivera

A Comparison of White and Hispanic Body Perception

(Chair: Mohammad Rahman)

Social Work Education

Hiromi Bacon

Exploring California State University, Fresno Students' Resiliency and Childhood Trauma Experiences and Their Supportive Persons' Attributes

(Chair: Anne Petrovich)



Marsha Calhoun

Exploring Lesbian Survivors of Domestic Violence Access to Services

(Chair: Donna Hardina)

Caroline Dezan

Interdisciplinary Perspectives on What Facilitates Timely Referral to Palliative Care for Children with Serious Illness in Fresno, California
(Chair: Debra Harris)

◀Caroline Dezan explored the problem of inadequate access to **end-of-life care services** for children diagnosed with a serious illness.

Monique Eastis

Understanding the THP+ Program Host Parent Model Through the Eyes of Former Participants in the Program
(Chair: Donna Hardina)

Tonya Franklin

The Perceptions of the Educational Achievement Outcomes of Five African American Former Fostered Young People
(Chair: Kris Clarke)



Elizabeth Graves

The War Continues: Iraq and Afghanistan War Veterans Returning Home
(Chair: Kris Clarke)

◀Elizabeth Graves seeks to explain how **Iraq and Afghanistan War Veterans** narrate their experiences and the effects of social support systems once they have returned from such a distressing environment.

Rena Haggard

A Policy Analysis of California’s Mental Health Services Act Within Fresno County
(Chair: Donna Hardina)

Louis Jackson

Former Foster Care Youths’ Awareness of Stigmatized and Unstigmatized Social Support Systems
(Chair: Donna Hardina)

Ouraiphone Konethongkham

Understanding Services Provided to Foster Youth and the Impacts on Permanent Connection
(Chair: Kris Clarke)

Kathryn Mitchell

Experienced First Hand: A Look at the Relevance of Transitional Programs for Emancipating Youth
(Chair: Anne Petrovich)

Ksenija Norris

Shame, and the Way It Impacts the Relationship Between Mothers with Substance Abuse Disorder and Child Welfare Social Workers
(Chair: Kris Clarke)

Joanna Zamora

An Exploratory Study on Social Workers’ Attitudes and Practices with Gay and Lesbian Clients
(Chair: Salvador Montana)

“The social work practitioner is taught to help at-risk populations, which typically include the poor and homeless; abused and neglected children and adults; people of color, women, recent refugees, the chronically mentally ill, developmentally disabled, and the physically ill or disabled; substance abusers; criminal offenders; and the aged.”
—CSU, Fresno
Department of Social Work

KREMEN SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

Counseling, Special Education, and Rehabilitation

Eleazar Ortega

Academic Probation and Retention Rates: Strategies Academic Advisors Can Implement to Assist Undergraduate Hispanic Female College Students

(Chair: Juan Carlos González)

COLLEGE OF SCIENCE AND MATHEMATICS

Biology

Rain Healer

A Comparison of Dipteran Diversity on Native Plants Within and Outside the California Native Plant Nursery, Tranquillity, California

(Chair: Paul Crosbie)

◀Rain Healer conducted an inventory of Diptera, commonly called flies, present on some of the California native plants that have been utilized in **habitat restoration** in the Westlands Water District region of southwest Fresno County.

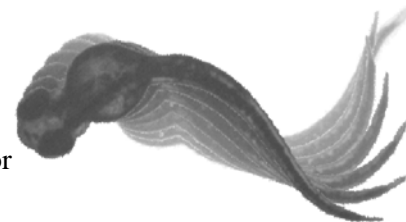


Biotechnology

Christina Benjamin

Ontogenetic Changes in the Skeletal Muscle Function of Zebrafish (*Danio rerio*) Larvae: Identification of Biochemical Markers for Slow and Fast Contractile Behavior

(Chair: Ulrike Müller)



Chemistry

Akihiro Ikeda

An Investigation of the Relationship Between Air Pollutants and Urinary Biomarkers

(Chair: Alam Hasson)

Forensic Science

Michael Gonzalez

Hairbase™: The Development of an Online Reference Atlas of Mammalian Hair

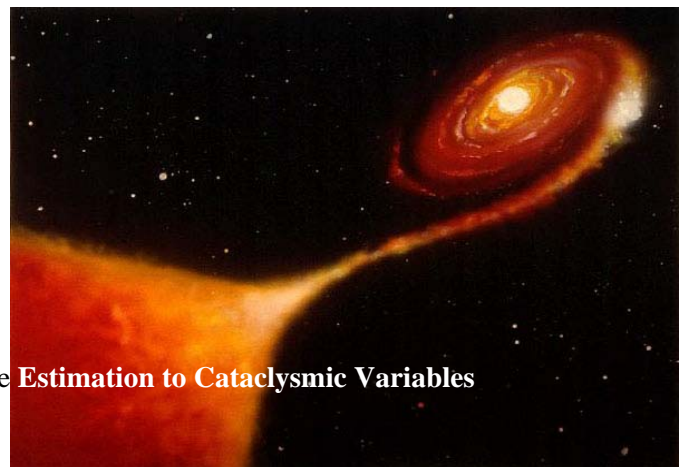
(Chair: Kevin Miller)

Physics

Michael Gariety

A Critical Analysis of Three Methods of Distance Estimation to Cataclysmic Variables

(Chair: Frederick Ringwald)



Psychology

Joy Ewart

Investigation of the Effects of the Lexical Category Model on Attention in English
(Chair: Lorin Lachs)



Karmjot Grewal

Self-Disclosure and Acculturation Within the United States East Indian Community
(Chair: Constance Jones)

◀Karmjot Grewal's goal was to further understand acculturation and self-disclosure in the young generation of **East Indians** living in the United States.

Mary Vongsackda

Working Memory Differences Between Monolinguals and Bilinguals
(Chair: Jennifer L. Ivie)

School Psychology (Ed.S.)

Angela Alcorn

Resiliency Factors of Foster Youth
(Chair: Marilyn Wilson)



Shauna Buchholz

The Effect of Mothers' ASL Skill Level on the English Literacy of Their Deaf Child
(Chair: Lorin Lachs)

◀Shauna Buchholz examined the connection between the **ASL SKILL LEVEL** of mothers its relationship to their deaf child's English literacy skills.

Malerie Goodman

The Role of Perspective-Taking in Reading and Its Relationship to Empathy in Children
(Chair: Robert Levine)

Barbara Greenberg

The Effect of Variable-Response Reinforcement of Novel Questions on Quantity of Conversational Interactions for Children with Autism Spectrum Disorder
(Chair: Marianne Jackson)

Haley Jameson

Self-Concept as a Mediator of Academic Performance: The Influence of Ethnicity, Native Language, and English Proficiency
(Chair: Marilyn Wilson)

◀Haley Jameson investigated the relationship between self-concept and academic performance in an effort to contribute to the body of literature on **Hispanic Dropout Rates**.

Lauren Litel

The Better-Than-Average Effect in High School Students' Academic Self-Assessments and the Role of Academic Motivation
(Chair: Paul Price)



Holly Northcross

The Efficacy of Visual Phonics on First and Second Grade Students with Reading Deficits
(Chair: Lorin Lachs)

Kong Meng Vang

Living a Double Life: How Hmong Adolescents Adapt with Clashing Cultures
(Chair: Marilyn Wilson)

Miriam Walsh

Cultural Frame Switching and Cognitive Performance
(Chair: Lorin Lachs)



◀Kong Meng Vang explored the relationship between coping strategies and psychological well-being in Hmong adolescents.

COLLEGE OF SOCIAL SCIENCES

History

Luke Fleeman Martinez

“The Land Belongs to Neither One”:
Native Americans, Europeans, and the
Raid on Pickawillany
(Chair: Brad Jones)



◀“*Pickawillany* demonstrates how

Natives were not passive victims, but active, vital agents who acted in their own interest. The events of the raid feature a number of individuals who were cultural brokers, intermediaries between the groups who played a central, but tenuous, role in negotiations. It also exhibits the power of ritual violence, a discourse of torture and maiming that communicated meanings to friends and rivals alike, and whose implications shaped the history of the period and perceptions of Natives.”

--Luke Fleeman Martinez