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 2006 semester, 72 students completed dissertations and theses in areas as varied and original as the students themselves. What follows is a complete list of Spring 2006 publications by college/school and some research highlights.

**COLLEGE OF AGRICULTURAL SCIENCES AND TECHNOLOGY**

**Animal Sciences and Agricultural Education**

Noriko Azuma (read ABSTRACT)
The Effects of Bambermycin (Gainpro 10) Fed to Milk-Fed Holstein Heifers: A Comparative Field Trial
(Chair: James Farrar)

**Food Science and Nutrition**

Maria Jeanne Montemagni (read ABSTRACT)
Parenting Behaviors Related to Feeding School-Age Children
(Chair: Sandra Witte)

**Plant Science**

Greg Drier (read ABSTRACT)
Propagation of Asimina triloba (L.) Dunal: A Native American Fruit and Potential New Crop for Temperate Regions
(Chair: James Farrar)

Pedro Hernandez (read ABSTRACT) Dean’s Graduate Medalist/
2006 Outstanding Thesis Award, Nominee
Population Dynamics and Insecticidal Control of the Black Widow Spider *Latrodectus hesperus* (Araneae:Theriidae) from California’s San Joaquin Valley Table Grape Vineyards
(Chair: Andrew Lawson)

Noriko Azuma found that a dietary supplement in calves positively influenced growth, which has economic appeal to dairy farmers seeking ways to raise animals with minimum mortality and morbidity and maximum growth.

A major concern of the table grape industry is the movement of the black widow spider from the vineyard to the marketplace. Pedro Hernandez investigated aggressive solutions to black widow control.
COLLEGE OF ARTS AND HUMANITIES

Creative Writing—Master of Fine Arts

Angela Armstrong (read ABSTRACT)
Wicked Mercury
(Chair: Connie Hales)

Megan Anderson Bohigian (read ABSTRACT)
The Condition of Music
(Chair: Connie Hales)

Pilar Graham (read ABSTRACT)
Wild Beauty: Selected Poems
(Chair: Connie Hales)

David Randle Hurst (read ABSTRACT)
Black Elk Has a Word with Walt Whitman
(Chair: Connie Hales)

Bruce David Kincaid II (read ABSTRACT)
Five Stories
(Chair: Steve Yarbrough)

Michael Maníquiz (read ABSTRACT)
2006 Outstanding Thesis Award, Winner
We Have to Go Inside
(Chair: Connie Hales)

Debora Palmer (read ABSTRACT)
Intersection of Violets
(Chair: Connie Hales)

Andrea Rhoads (read ABSTRACT)
River, Rock, Pomegranate
(Chair: Connie Hales)

Nao Tai (read ABSTRACT)
Neon and Shadows: A Maze in Tokyo
(Chair: Connie Hales)

Vuong Quoc Vu (read ABSTRACT)
Into the Sea
(Chair: Connie Hales)

English

Jim Flanagan (read ABSTRACT)
Deconstructing Mayberry: The Presence of Racial Absence in The Andy Griffith Show
(Chair: Toni Wein)

Jim Flanagan “interrogates” the absence of racial diversity in a “southern American town that is implicitly a utopia” and contends that “it is impossible for a utopia to exist in an American societal context without the representation and equalization of racial difference.”
**Laura Holden** (read ABSTRACT)
Virginia Woolf and the Pursuit of Female Language
*(Chair: John Beynon)*

**Stephen Spratt** (read ABSTRACT)
Writing the Land: The Geocentric World of Willa Cather
*(Chair: John Beynon)*

**Lejla Tricic** (read ABSTRACT) *University Graduate Medalist*
Charlotte and the Aliens: A Role of Hybridity in *Jane Eyre*, *Shirley*, and *Villette*
*(Chair: Ruth Jenkins)*

**Christopher Scott Wyatt** (read ABSTRACT)
The Blackboard Barrier: Student and Teacher Perceptions of the Blackboard Learning System
*(Chair: Anthony Michel)*

**Modern and Classical Languages and Literatures**

**Julia Elena Palacios** (read ABSTRACT)
Odisea en el Pulgarcito de América
*(Chair: Saul Jimenez-Sandoval)*

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**CRAIG SCHOOL OF BUSINESS**

**Finance and Business Law**

**Haibo Wang** (read ABSTRACT)
2006 Outstanding Thesis Award, Nominee
Pricing Performance Leveraged Upside Securities
*(Chair: K.C. Chen)*

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**COLLEGE OF ENGINEERING**

**Civil and Geomatics Engineering and Construction**

**Ann Louise Hoppe** (read ABSTRACT)
Land within Antiquated Maps May Not Be Able to Be Conveyed in Accordance with the Laws of Today
*(Chair: James Crossfield)*

**Carol Mormon** (read ABSTRACT)
Unwritten Title Transfers
*(Chair: James Crossfield)*
**Electrical and Computer Engineering**

Neelav Chandra (read ABSTRACT)
A Unified Model for DC-DC Converters in Both Continuous and Discontinuous Conduction Modes
(Chair: Nagy Bengiamin)

**Communicative Sciences and Deaf Studies**

Shelly Lynn Cook (read ABSTRACT)
A Profile of Deaf Professors in the Field of Deaf Education
(Chair: David Smith)

Joelle Virginia Blanchard (read ABSTRACT)
Phonological Disorders: An Efficacy Study of the Hodson Cycles Approach to Remediation
(Chair: Steven Skelton)

**Health Science**

Kimberly Mahan (read ABSTRACT)
A Needs Assessment of Persons over the Age of 18 Who Reside in Metropolitan Fresno County, California and Are HIV-Positive
(Chair: Vickie Krenz)

**Kinesiology**

Lucas Lichtenwaldt (read ABSTRACT)
Developmental Paths of High School Varsity Cross-Country and Basketball Coaches
(Chair: Wade Gilbert)

Costas Tsouloupas (read ABSTRACT)
School-Based Social-Psychological Intervention to Promote Fitness Efficacy
(Chair: Wade Gilbert)

Trevor Winton (read ABSTRACT)
Burnout in Graduate Assistant Athletic Trainers in the College/University Setting
(Chair: Jenelle Gilbert)
Nursing

Tracy Chin (read ABSTRACT)
Nursing Students’ Knowledge and Attitudes Regarding Pediatric Pain
(Chair: Angela Hudson)

“Health professionals, including nurses, have historically underestimated the existence of pain in children; therefore, pain management has often been less than optimal.”
—T. Chin

Sheri Hoekman-Teach (read ABSTRACT)
The Phenomenon of Elective Induction of Labor: Labor and Delivery Nurses’ Ethical Perceptions
(Chair: F. Ndidi U. Griffin Meadows)

Gloria Caroline Lovering (read ABSTRACT)
Which Treatment for Interstitial Cystitis Produces the Greatest Efficacy for Women Who Choose Medical Interventions
(Chair: F. Ndidi U. Griffin Meadows)

Susan McBride (read ABSTRACT)
Perceptions of Life Events in Women Diagnosed with Ovarian Cancer
(Chair: Angela Hudson)

Kelly Helen Murguia (read ABSTRACT)
Dermal Tolerability Using an Alcohol-Free Hand Sanitizer and an Alcohol-Based Hand Sanitizer
(Chair: Angela Hudson)

Social Work Education

Noah Garcia (read ABSTRACT)
Multiracial Identity Development: Child Welfare Social Workers’ Attitudes Toward Multiracial Children
(Chair: Debra Harris)

“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

Diana Karageozian (read ABSTRACT)
Insight into Medical Social Work: Recognizing and Resolving Professional Burnout
(Chair: Debra Harris)

Claudia Martinez (read ABSTRACT)
Homophobia and Heterosexism Amongst Graduating Master of Social Work Students
(Chair: Debra Harris)

Linda Negrete (read ABSTRACT)
Effectiveness of a Health and Nutrition Training Program for Women with Physical Disabilities
(Chair: Debra Harris)
Cruz Pinzon (read ABSTRACT)
The Expectations of Protection of Survivors of Intimate Partner Abuse and Their Intervenors
(Chair: Mekada Graham)

Budd Seeley (read ABSTRACT)
The Implementation of the Community-Based Grants for Child Abuse Prevention
(Chair: Mark Hanna)

Kristi Smith (read ABSTRACT)
A Needs Assessment of the Fresno, California Needle Exchange Program
(Chair: Donna Hardina)

Natalie Visser (read ABSTRACT)
Social Workers’ Attitudes Toward Transracial Adoption and Their Perceptions of the Multiethnic Placement Act and Interethnic Adoption Provisions
(Chair: Mekada Graham)

"Child welfare is often on the wrong end of political efforts to reduce government spending. To counteract this, politicians, the public, and child welfare workers can benefit from analyses that inform and educate on the effective parts of child welfare policy."
—B. Seeley

KREEMEN SCHOOL OF EDUCATION AND HUMAN DEVELOPMENT

Joint Doctorate in Educational Leadership

Robb Christopherson (read ABSTRACT)
The Relationships Between the Practices of External Evaluators Working with Immediate Intervention/Underperforming Schools Program (II/USP) and Evaluation Practices That Enhance Utilization of Evaluation Recommendations and Organizational Learning
(Chair: Sharon Brown-Welty, California State University, Fresno)

Corey Greenlaw (read ABSTRACT)
A Comparison of Web-Based and Paper-Based Survey Methods: Testing Assumptions of Survey Mode and Response Cost
(Chair: Sharon Brown-Welty, California State University, Fresno)

Sonya Lynn Carter Hildreth (read ABSTRACT)
Effect of a Brief, Structured Intervention on College Students Experiencing Academic Difficulty
(Chair: Karen Carey, California State University, Fresno)

John Jackson (read ABSTRACT)
An Examination of Violence Intervention Programs That Work
(Chair: Donald Coleman, California State University, Fresno)

Everett Lovelace (read ABSTRACT)
Factors That Influence and Impede African American Educational Leaders’ Professional and Personal Lives
(Chair: Karen Carey, California State University, Fresno)
Marcia Masumoto (read ABSTRACT)  
Leadership Practices in Successful High-Poverty Rural California High Schools  
(Chair: Sharon Brown-Welty, California State University, Fresno)

Kristen Santos (read ABSTRACT)  
Teacher-Created Portfolios: What Can They Tell Us About Student Achievement?  
(Chair: James Marshall, California State University, Fresno)

**Education—Literacy and Early Education**

Carmen Rodriguez (read ABSTRACT) 2006 Outstanding Thesis Award, Nominee  
The Effects of Looping on Perceived Values and Academic Achievement  
(Chair: Glenn DeVoogd)

Graduate education programs in the Kremen School of Education and Human Development are focused on providing leadership in central California’s diverse society by preparing education leaders for a new millennium. Programs are focused on preparation and enhancement of teachers and other educational leaders and preparation of human service leaders who function in a variety of human development roles in both public and private sectors.

**COLLEGE OF SCIENCE AND MATHEMATICS**

**Biology**

Thomas Munton (read ABSTRACT)  
Demography of the California Spotted Owl in the Southern Sierra Nevada and Climatic Correlations to Temporal Variation in Fecundity and Survival  
(Chair: David Chesemore)

Holly Ramage (read ABSTRACT)  
The Identification and Characterization of Propargyl Bromide Degraders  
(Chair: Alice Wright)

Ammon Rice (read ABSTRACT)  
The Influence of Environmental Parameters on Zoeae Recruitment Dynamics of the Chinese Mitten Crab, *Eriocheir sinensis*, in San Francisco Bay, California  
(Chair: Brian Tsukimura)

**Earth and Environmental Sciences**

Alan Kunze (read ABSTRACT)  
A Geographic Information System for the Pinacate Volcanic Field of Sonora, Mexico and Examples of Some Applications  
(Chair: Fraka Harmsen)
Psychology

Terri Lynne Barber (read ABSTRACT)
Cooperative versus Competitive Lessons: A Comparison with an Emotionally Disturbed Child Sample
(Chair: Constance Jones)

Shannon Kyle Church (read ABSTRACT)
Educational and Employment Outcomes of Vocational Education Students and Academic Education Students
(Chair: Karen Carey)

Stephanie Cherta Collison (read ABSTRACT)
Hmong Parents’ Beliefs and Expectations of School Readiness
(Chair: Karen Carey)

Joseph Gerber (read ABSTRACT)
The Better-Than-Average Effect and the Impact of Objective Information: A Field Study with Youth Baseball Players
(Chair: Robert Levine)

Heather Hernandez (read ABSTRACT)
Social Skills Training: A Comparison of a 12-Week Training Program to a 24-Week Training Program
(Chair: Karen Carey)

Danielle Hester (read ABSTRACT)
Self-Perc eption, Teacher’s Expectations, and Reading Achievement in Elementary Children
(Chair: Marilyn Wilson)

Karin Kawagoe (read ABSTRACT)
Teachers’ Knowledge and Attitudes Concerning Children with Attention Deficit-Hyperactivity Disorder
(Chair: Marilyn Wilson)

Nancy Ramirez (read ABSTRACT)
Differences in Reading Achievement in Our Schools: Kindergartners’ Primary Language, Self-Perception, and Teacher Ratings
(Chair: Marilyn Wilson)

Karrie Tallon (read ABSTRACT)
Using Reading Curriculum-Based Assessment to Predict Performance on the California Standardized Testing and Reporting (STAR) Program
(Chair: Marilyn Wilson)
History

Matthew Bearzotti (read ABSTRACT)
The First Punic War and the Development of the Roman Navy
(Chair: Pamela Lackie)

Aimee Bogna (read ABSTRACT)
Democracy and the Generals: The Problem of Civilian Control over the Military and Autonomous Generals in Athens
(Chair: Pamela Lackie)

Edgar Castillo (read ABSTRACT)
Dean’s Graduate Medalist
Tolstoyism and the Peasant Question
(Chair: Michelle DenBeste)

Aimee Bogna considers the phenomenon of Athens’ control over members of the strategia in the fifth century, and especially incidents where this system of control was circumvented through the agency of charismatic generals.

George Patrick Fontes (read ABSTRACT)
The Maiden Warrior: An Evolution of the Virgin of Guadalupe
(Chair: William Skuban)

Joe Gai (read ABSTRACT)
Battlefield Trophies of Ancient Greece: Symbols of Victory
(Chair: Pamela Lackie)

Gabriel Halls (read ABSTRACT)
Jerome: Translation and Conflict
(Chair: Pamela Lackie)

Susan Hogue (read ABSTRACT)
Criollo Identity and the Colonial State in New Spain
(Chair: William Skuban)

Gregory Morris (read ABSTRACT)
The Ambivalent Relationship: The United States and the Russian Constitutional Monarchy, 1905-1911
(Chair: Michelle DenBeste)