

# Thinking Matters



Senior Projects  
in the  
College of Arts & Sciences

July 2010, December 2010, and May 2011



**The Senior Project**  
**College of Arts & Sciences, Class of 2011**

Successfully completing the Senior Project is a capstone experience for graduates in the College of Arts & Sciences at Stetson University. Guided by their faculty advisors, seniors select projects of special interest to them and of value to their programs of study.

While subject matter and method vary widely across the majors, the Senior Project in each case hones the essential skills of liberal learning, including the ability to read closely, observe carefully, analyze quantitatively or aesthetically, create skillfully, and speak and write persuasively. Every project requires imaginative design at the outset and demands the persistence—the discipline—to bring an extended task of research or creation to successful completion.

Presenting their projects orally and in writing, seniors demonstrate their understanding of a field of study or the practice of art, and they experience firsthand the joy of pursuing an intellectual or creative passion. In this way, seniors in the College prepare for graduate and professional study and for distinctive an accomplishment in their careers, citizenship, and public service. They also develop the habits of heart and mind that will make life interesting for them, and interesting to others.

This roster of Senior Projects suggests how much students accomplish in their time here and also why the faculty and I are so proud to send them forward into the world with their Stetson degrees. These “thinking matters” and the full projects that have been archived on the University’s duPont-Ball Library Web site wonderfully represent a great and lively college. Here thinking and creativity in the liberal arts and sciences truly matter.

Onward, Class of 2011!

—Grady Ballenger, Dean

## AMERICAN STUDIES

**Abigail Susan Lemay\***

Men, Women, and Alcohol: Hollywood's Representations of Heavy Drinking

**Elizabeth Norberg Scovil\***

Influence of the Revolutionary Period on the Development of American Public Education

**Keri Lee Stagner\***

John Humphrey Noyes's Oneida Community: Charismatic Leadership and Millennial Practices in a Utopian Society

## AQUATIC & MARINE BIOLOGY

**Corey Douglas Bridges**

Otolith-based age and growth determination in the vermiculated sailfin catfish (*Pterygoplichthys disjunctivus*) in Volusia Blue Spring

**Benjamin Neal Kurth**

Does gender affect age and growth patterns in armored catfish (*Pterygoplichthys disjunctivus*)?

**Kayla Nicole Warner**

Reproductive patterns in a population of invasive armored catfish (*Pterygoplichthys disjunctivus*) in Volusia Blue Spring

## ART

**Ana Efthalya Francis**

Let me introduce you to my selves

**Lyndsay Megan Fuller\***

Cenotaph

**Grace Eden Gdaniec**

\_\_\_scape

**Katherine M. Humphreys\***

And then there wasn't

**Abigail Christen Lamb**

Dearest Darling

**Dana Diane Martino**

Subliminal Messages of Love, Hate, and Suffering

**Amanda Lynn Meldonian**

For the Record

**Joshua Mena**

Untitled

**Jessica Nicole Salmon**

All That Glitters

**Carey Glendon Wilson**

Irresistible Inevitability

**Ashley Danielle Znak**

Beige Metropolis

ART CONSERVATION (Honors Individualized Major)

**Carrie Ann Bow**

A Collage of Time: The Life and Conservation of the Tiffany Chapel at the Morse Museum

BIOCHEMISTRY

**William Botond Palmer**

Computational Analysis of the Interaction between Natural Products and HIV-integrase

**Jen-chou Wang\***

Detection of Bisphenol A in the Leachate from Storage Containers and the Possible Interaction between BPA and an Intracellular Target

BIOLOGY

**Vanessa Marie Aparicio\***

The effect of diatom consumption on copepod reproduction in high- and low-nutrient lakes

**Amanda Nicole Bell\***

Nutrient leaching rates from vermiculated sailfin catfish (*Pterygoplichthys disjunctivus*) feces in Blue Spring run

**Tiffany Renee Campbell**

The relationship between jaw width and gender in determining the angulation of third molar impaction

**Courtney Maye Gardner**

Determination of seed paternity to evaluate reproductive fitness in *Passiflora incarnata* using DNA microsatellites

**Nicole Angela Giordano**

The prevalence of *Plasmodium spp.* and *Haemoproteus spp.* infection and its effect on the packed cell volume of Florida raptors

**Amanda Jo Harris**

The effects of Drontal® Plus on embryonic development of the axolotl (*Ambystoma mexicanum*)

**Meghan Elizabeth Johnston**

Avian species richness and abundance show increase in restored wetland sites of Emerald Conservation Marsh Area

**Cailin Renee Kellmann**

The effect of diet temperature on growth and development of the springsnail *Floridobia floridana*

**Suzanne Li**

The effect of flavonoids (quercetin and [+] catechins) on bacteriophage M13 infectivity of *E. coli*

**Miranda Lynn Maag**

Snake censuses along County Road 3

**Mairead Patricia McNally**

The effects of Celebrex and Tylenol Arthritis on the developmental embryology of *Ambystoma mexicanum*

**Alexandra Ann Moser**

Effects of the exotic brown hoplo catfish (*Hoplosternum littorale*) on the eastern mosquitofish (*Gambusia holbrooki*) in an experimental environment

**Caitlin Adair Peterson**

Ecotypic variation in stomatal characteristics of *Eriophorum vaginatum*

**Carla Curry Vanderbilt**

The effect of tempo on male response to short-range song in the dark-eyed junco (*Junco hyemalis*)

**Tiffany Marie Walker**

Does learned suppression of aversive response to quinine lead to increased neural activity in gustatory brain centers?

CHEMISTRY

**Carolyn Griebel**

Mechanochemical synthesis of alkali metal carbides and alkali metal intercalated graphite

**Catherine Marie Klima**

Assessment of Human Health Risks from the use of Landscaping Chemicals at Stetson University

**Jen-Chou Wang\***

Detection of Bisphenol A in the Leachate from Storage Containers and the Possible Interaction between BPA and an Intracellular Target

COMMUNICATION STUDIES

**Alexandra Banham**

A Feminist Reading of "Sex and The City": The Cost of Freedom

**Katie Lynn Boardman**

Exploring the Role of the Persona and the Identity of Suffering on "The Oprah Winfrey Show"

**Marianne Elizabeth Boschert**

Dada or Degradation? A Postmodern Analysis of Marcel Duchamp's "Fountain"

**Ashley Renée Cox**

Bob Dylan's Rhetoric of the 1960S: Fostering a Protest Culture Identity through Music

**Haleigh Elizabeth Cronin**

The Utilization of Image Restoration Following Beyond Petroleum's Gulf Coast Oil Spill

**Maja Koljenshich-Rifai**

Media's Role in the Kosovo Conflict

**Alyssa A. Lohr**

Orson Welles, We Have Ourselves a "Rhetorical" Situation

**Kathryn Grace Martin**

Perceptions of Online Education: A Qualitative Analysis Exploring Asynchronous and Synchronous Computer-Mediated Communication Courses between Professors and Students

**Amanda Rae Michael**

What the Health?: A Frame Analysis of the Conceptualization of Health in "Men's Health" Magazine and its Relation to the American Trend Toward Individualism

**Sophia Leigh Penafiel**

We Jammin': Student Perceptions of Bob Marley

**Taylor Erin Smith**

The Hyperplural Media Environment: Television News and the Culture of Entertainment

**Marissa Amelia Walden**

Miley Cyrus: From "Hannah Montana" to Nothing but a Sheet

**Eric Reece Washington**

*Surfer Magazine* and the Social Identification of Surfers

**Brittany Morgan Weiss**

'Get a Mac': The Persuasiveness of the Apple Campaign and its Relevance to the Brand Image

COMPUTER SCIENCE

**David William Bauschlicher**

Interacting with Social Networks to Improve Healthcare Body Sensor Networks

**Stephen James Bauschlicher**

Interacting with Social Networks to Improve Healthcare Body Sensor Networks

**Richard Neil Davison**

Optimization of a Touch Screen Keyboard for Speed and Accuracy

**Christopher James Reynia**

Automatic Discovery of Categories in Video

**Sarah Grace Richardson**

Dynamically Recommending Design Patterns

**Matthew Kevin Samuels**

Artificial Intelligence and Natural Language Processing in a Chinese Language Learning Game

**Derek Ernest Wells**

A Memetic Algorithm for Automated Music Composition

**Matthew Vincent Wozniak**

Using Fuzzy Inference to Improve TCP Congestion Control Over Wireless Networks

#### DIGITAL ARTS

##### Art Track

**Sean Robert Autenrieb**

Forgotten Snow: An interactive web comic

**Marionne Aimee DeJesus**

The Sum of All Parts: Interactive digital portraits

**Leonidas Paul Dezes**

Deep into the Blue: Interactive instrument video projections and live musical performance

**Joshua Alexander Morse**

Untitled

##### Computer Science Track

**Christopher James Reynia**

Automatic Discovery of Categories in Video

##### Sound Track

**Eric H. Baum**

A custom sensor music interface

**Michelle Remi DuCharme**

The Sandwich: An exploration of narrative and music in four genres

**Colin Michael Ferland**

Blackout: A narrative video with original music score

**John Michael Ostermann**

Understanding the modern digital audio workstation through the application of historical techniques

**Patrick Dennis Sante**  
Recreating the Casio SA-38 as a software synthesizer

**Jon Duffy Van Hoff**  
Real-time concatenative synthesis using Max/MSP

ECONOMICS

**Patricia Gebert**  
Prescription Drugs: Highlights of Illegal Use

**Kira Mae Hibbert**  
An Empirical Analysis of Jamaica's Import Demand Function with the US,  
1996–2010

**Ayanna Mariama Royal**  
Molding Well Being: Analyzing EQ and its Impact on Adolescents in Deland,  
Florida

ELEMENTARY EDUCATION

**Carly Tae Christoffel**  
Multiple Intelligences

**Alison Reardon Dowling**  
Reading Comprehension and Strategies: Why Do Boys Have Lower  
Achievement Than Girls?

**Lilley Marie Ferreira**  
The New Age Segregation: What Single Gender Classrooms Are Really Doing to  
Education

**Brittneé Amber Hubbard**  
Creative Arts and Music Strategies in a Primary Classroom

**Emily Elizabeth Lopez**  
How Should We Grade Homework: for Completion or Correctness?

**Sara Elizabeth McKechnie**  
Parent Involvement

**Melissa Ashley Morter**  
How Do Single Sex Classrooms Benefit Students?

**Megan Elizabeth Stewart**  
What Causes Math Anxiety?

**Jessica Ray Tucker**  
Sports and Academic Achievement

ENGLISH

**Rachel Jean Allen**  
Resurrecting Bluebeard

**Bailey Madison Boyd\***  
The Demise of Revolutionary Identities: Ernest Hemingway's *For Whom the Bell Tolls* (1940) and María Teresa León's *Juego Limpio* (1959)

**Kelly Anne Brady\***  
Science and Narrative: Popularizing Science Education

**Jeffrey David Brooks**  
Death Note: The Rhetoric of Ends and Means

**Amanda Victoria Colon\***  
The Apocalyptic Imagination of Pop-culture Prophets: Visions of War, Plague and Zombies

**William Spencer Deck**  
Life is Perforated (fiction)

**Coral Dawn Drake**  
Examining the Wild's Call: Tolstoy, London, and Chris McCandless's Sojourn into the Wild

**Jacqueline Christine Faulk**  
Morality, Tragedy, and Artistry in Oscar Wilde's *The Picture of Dorian Gray*

**Jordan David Foley**  
Observations of Crude Male Behavior: Hideous or Respectable in Life, Entertainment, and Literature

**Clark Elliot Gallion**  
Half-Dazed: Exhaustion and Replenishment in John Barth's *LETTERS*

**Alison Marie Gear**  
"The Look": Who Holds the Power in *Rear Window*?

**Christine Mark'el Hann**  
*The Boondocks*: Aaron McGruder's Graphic Chronicle of Black Culture

**Maia Renee Harrison**

Finding Common Ground: Women, Ekphrasis, and the Invocation of "We"

**Brian Douglas Howden**

What's in a Batman Film?: Tim Burton and Christopher Nolan

**James Sanford Hoy**

Helen of Troy: an Affix or Ploy?

**Helena Daya Hübl**

Fact into Fiction: The Healing Power of Survivor Narratives

**Jeanne Marie Humphrey\***

Literary Analysis of Betty Friedan's *The Feminine Mystique* and its Social Impact on the United States' Second Wave of Feminism

**Katherine M. Humphreys\***

Text Going Digital: Technology and the New English Language

**Mara Ilianna Kallich**

The *Shrew* in Action: Feminizing Contemporary Productions and Representations of *The Taming of the Shrew*

**Leah Shay Knapp\***

Fashioning Lady Gaga: The Death of Stefani Germanotta

**Stacey Alison Mann\***

The Gospel According to Twain: A Critical Introduction

**Jeffrey Frederick McElroy**

Carnal Prayer Mats and Human Flesh *Caa Siu Baau*: Category III Films and the Battle for Cultural Autonomy in China

**Madison Marie Moore**

When the Bad Girl Found Her Voice: An Analysis of Female Comedians from Past to Present

**Frankie Blair Schwimmer**

"Someday My Prince Will Come": Are We Creating a New Generation of Damsels in Distress?

**Courtney Ann Senecal**

Queen Liliuokalani Speaks

**Justin Matthew Stephenson**

From Primordial Beast to Ideal Friend: The Role of Dogs in *Call of the Wild* and *My Dog Tulip*

**Laura Beth Vercolen**

Nietzsche Fast Forwarded: The Übermensch in Thomas Pynchon's *V.*

**Kathryn Landers Walling**

Chains

ENVIRONMENTAL SCIENCE

**Luwaina Mohammed Al-Otaibi**

The effects different types of visitor groups have on the behavior of zoo-housed black-handed spider monkeys (*Ateles geoffroyi*)

**Vanessa Marie Aparicio\***

The effect of diatom consumption on copepod reproduction in high- and low-nutrient lakes

**Amanda Nicole Bell\***

Nutrient leaching rates from vermiculated sailfin catfish (*Pterygoplichthys disjunctivus*) feces in Blue Spring run

**Kelly Anne Brady**

Habitat Fragmentation and its Consequences on Keystone Species, *Gopherus Polyphemus*

**Diana Caroline Brown**

Environmental science pedagogy comparison in the public school secondary education of Volusia County, Florida

**Paul Joseph de Lyrot**

Cement lock technology as a viable form of ocean dredge material management

**Heather Rochelle Grove**

Unearthing the Regional Capacity to Supply Produce for Stetson University: An Infrastructural and Sociocultural Approach

**Sean Michael Hare**

Comparison Of Diversity And Species Richness In Seed Banks In Natural And Man-Made Wetlands

**Katie Sames Kaminski**

The Impact of Sedimentation Legislation on the Health of Coral Reef Systems in Latin America and the Caribbean

**Timmothy J. Leonard**

The Effectiveness of Growth Management in Volusia County: A Case Study of Land Use Policy in Florida

**Erin Elizabeth McCullough**

At Loggerheads: Nesting and hatching rates for *Caretta caretta* among public and residential beaches in Sarasota County

**Katie S. Kaminski**

The Impact of Sedimentation Legislation on the Health of Coral Reef Systems in Latin America and the Caribbean

**Amanda Rose Silva\***

A vanishing sandhills ecosystem: a century of devastation on longleaf pine in DeLand, Florida

**Lauren Victoria Trotogott**

Temperature preference of *Spherooides testudineus* in a horizontal temperature gradient

**Eleanor Walsh Witek**

Bicycle transportation: policy attitudes in Volusia County

FRENCH

**Holly Christina Cooper**

Sépulture ou sub-culture: Les Catacombes de Paris

**Laura Leigh Foster**

La République française et l'affaire du voile: les effets du principe de laïcité dans notre ère

**Matthew Alan Hoffman\***

La Citoyenneté dans l'État Juste

**Daniela Mojica\***

L'Intérêt des Français pour la peinture espagnole

## GEOGRAPHY

**Brooke Patricia Deak**

The Potential Population Spread of *Crotalus horridus* into the Central Florida Area

**Paul Joseph deLyrot**

Cement lock technology as a viable form of ocean dredge material management

**Sharon Elaine Gould\***

Migrations from Kazakhstan to the Russian Federation following the Fall of the Soviet Union

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At Loggerheads: Nesting and Hatching Rates for *Caretta caretta* among Public and Residential Beaches in Sarasota County

**Amanda R. Silva**

A Vanishing Sandhills Ecosystem: A Century of Devastation on Longleaf Pine in DeLand, Florida

## GENERAL STUDIES IN EDUCATION

**Rehab Mohmoud Alsobahi**

Understanding the Concept of Stereotyping

**Giannina García**

Hispanic Parent Involvement in the Success of Their Children and How it Can Be Increased

**Cheyenne A. Williams**

Integrating Technology in the Classroom

## HISTORY

**Matthew Perkins Blair**

Blood on Palatine Hill: Military Leaders and the Downfall of the Roman Republic

**Anna Rose Christenson**

Education Reform in Meiji Japan: Continuity or Innovation

**Daniel James Dean**

War Crimes in Vietnam: My Lai and Other Atrocities

**Lauren Maria Eliopoulos\***

Directing the EPA: The Role of the Agency Administrator, 1970–present

**Lyndsay Megan Fuller\***

Serial Killing and The Federal Bureau of Investigation's Behavioral Science Unit in the 1970s and 80s

**Benjamin Louis Hoffman\***

Postcolonial Ideology, The End of the Cold War, and the Weaponization of International Law: Human Rights NGOs in the Arab-Israeli Conflict

**Kellie Ann Pait**

St. Augustine and The 1964 Civil Rights Act

**Matthew Parrott**

'Fragile Happiness': Modern Evolution in the Perception of Homosexuals in Late 19th Century France

**Jennifer Katherine Schwarz\***

La Sección Femenina and Women's Rights in 20th Century Spain

**Richard Louis Spellman**

Mercenaries, PMCs, and Postwar American Military Strategy, 1945–present

**Timothy James Tully**

The Role of Transubstantiation in the Reformation

**Cara Wendorph\***

Role of German Scholarship in the Third Reich: A Case Study of the Amt Rosenberg and Ahnenerbe Institutions

#### HUMANITIES

**Mary-Lynn Renee Allar**

An Ethnographic Study of the Astor/Astor Park Cemetery

**Garrett Lee Graham Anderson**

The Human Condition as Communicated Through Mendelssohn and Bach

**Donald Fernand Ingham**

Does Dexter have a Heart?: The Foundation for Vigilantism

**James Turner Swann**

Parallels in Production: The Evolution of the Beach Boys, the Beatles, and their Recordings

INTEGRATIVE HEALTH SCIENCE

**Jennifer M. Agranoff**

The Effects of a Caffeine-Containing Supplement on Muscular Strength and Endurance

**Gary Kenneth Allegra, Jr.**

Heat vs. Ice: A Survey of Public Opinion of Thermal Modalities

**Katelyn Barbara Bitetto**

Body Image Assessment of Female Collegiate Athletes at Stetson University

**Jacqueline Ryan Boccard**

An Analysis of Factors that Influence Attitudes about Complementary & Alternative Medicine (CAM)

**Nicole Bianca Bracciale**

The Effect of Physical Activity/Exercise Habits on Test-taking Anxiety in College Students

**Jessica Ann Burrell**

The Effect of Exercise Environment on Physiological and Psychological Parameters

**Lyudmila Ivanova Cheban**

Dosage Analysis and Standardization Methods of Chamomile as a Home Remedy

**Gabrielle Roxanne Chong**

Comparison of Body Image Dissatisfaction in College Male Athletes and Non-Athletes

**Erica Nicolette Dellis**

The Effects of Oral Creatine Monohydrate on Cognitive Performance in Women

**Kerrie Lorae Dunn**

Perceived Barriers to Exercise in Pregnant Women Using Midwife Clinics

**Morgan Blair Forster**

Is Florida Ready for Physician-Assisted Suicide?

**Tessa Jillian Gavilsky**

Effects of Mood States on Individual Performance During Two Soccer Matches

**Madeline Elizabeth Guerrero**

Effects of Mouth Rinsing with a Pre-Workout Supplement Containing Carbohydrates

**Kirsten Anne Higel**

Effects of Slow- Vs. Fast-Tempo Music on Endurance Performance and Mood

**Nikolas Peter Joseph Koulogeorge**

Effects of Caffeine on Memory, Mood and Alertness When Taken With a Macronutrient-Rich Snack

**Stephanie Lahens**

Physiological and Mood Effects of “Green” Exercise in College Students

**Rachel Nicole Lowe**

Carbohydrate Rinsing versus Ingestion on Anaerobic Performance in Female Athletes

**Adare Marie Morell**

Analysis of the Stetson University Community’s Willingness to Use Automated External Defibrillators (AEDs)

**Caitlin Elizabeth Murphey**

The Risk of Eating Disorders Between Sorority and Non-Sorority Women

**Jeannette Rodriguez**

Dosage Analysis and Standardization of Parsley as a Home Remedy

**Jessica Nicole Santiago**

A Comparison of Group and Individual Exercise Effects on Pain Tolerance, Mood, and Quality of Life

**Jessica Alysse Santos**

Therapeutic Ultrasound: A Placebo Study

**Victoria Alicia Schoman**

The Effect of Exercise on GPA in College Students

**Anabel Torres**

The Effects of Cinnamon on Glucose Levels in Pre-diabetic and Diabetic Persons

**Ellis Barrett Winepol**

Cell Phone Use and Safety Belt Use on College Campuses: An Observational Study

**Bryan Matthew Wood**

The Effects of Carrot Juice on Muscle and Cognitive Performance in Older Adults

#### INTERNATIONAL STUDIES

**John David Lynn II\***

¡Basta Ya! (Enough is Enough!): Explaining Negative Attitudes towards Immigrants in Spain

**Jennifer Katherine Schwarz\***

La Sección Femenina and Women's Rights in 20th Century Spain

**Cara Wendorph\***

Role of German Scholarship in the Third Reich: A Case Study of the Amt Rosenberg and Ahnenerbe Institutions

#### LATIN AMERICAN STUDIES

**Marie A. Aulino\***

Alberto Gómez: Raíces e innovaciones

#### MOLECULAR BIOLOGY

**Kimberly Ebersole**

Taste stimuli elicit hemisphere specific increases in neural activity in the gustatory cortex

**Trevor Tobin**

Stimulation of the central nucleus of the amygdala affects taste reactivity behaviors

#### PHILOSOPHY

**Callhan Frances Garrett\***

Genocide on Trial: Lessons from Nuremberg

**Matthew Alan Hoffman\***

Citizenship in the Just State

**Kameron Johnston St. Clare\***  
The Contentious Case of Rawls vs. Sandel

**Cletandre Marc Thelus**  
Philosophical Neutrality and Personal Appropriation

PHYSICS

**Robert Anthony Erdman**  
Calculating the Local Acceleration Due to Gravity Using a Pendulum

**Amanda Lynn Hartlieb**  
Roemer's Speed of Light

**Stephanie Elisabeth Lengemann**  
Building an Optical Pyrometer that Calculates Blackbody Temperatures Using the Intensity of Two Infrared Wavelengths

**Angela Kay Steinmann**  
Using a Toy Monte Carlo Simulation to Accurately Measure the Distance between a Neutral Pion and a Cesium Iodine Detector

**Sommer Leigh White**  
A Study of the Frequency Doubling Conversion Efficiency of the Non-Linear Optical Crystal KTP

**Daniel Joseph Yount**  
Drag Coefficient (CD) of a Model Rocket

POLITICAL SCIENCE

**Paige Marsden Boone**  
A Paradigm Shift in United Nations Peacekeeping: The Responsibility to Protect Versus State Sovereignty in an Ever-Changing International Environment

**Michael-John Carrabba**  
From the Grand Ole Opry to the Grand Old Party: On the Political Ideology of Country Music

**Alison Claire Conn**  
United States-Cuban Relations: a Cold War Hangover?

**Lauren Maria Eliopoulos\***  
Directing the Environmental Protection Agency: The Role of the EPA Administrator, 1970-Present

**Mark Allen Evans**

Jumping the Broom: How Have Evangelical Christians Been Effective in Suppressing GLBT Rights and Liberties?

**Kurt Joseph Gross**

The Death Penalty in Dixie: An Investigation Into Race, Religion, Rural opulations, and Judicial Competitiveness as Contributing Factors to State-Level Variation in Capital Punishment

**Benjamin Louis Hoffmann\***

The Weaponization of International Law: Postcolonial Ideology and Human Rights NGOs in the Arab-Israeli Conflict

**Jeanne Marie Humphrey\***

Literary Analysis of Betty Friedan's *The Feminine Mystique* and its Social Impact on the United States' Second Wave of Feminism

**John Patrick Kelly**

Celebrities in Politics

**Marie Elizabeth Laur**

Reasons for the Variables in State Sentencing Guidelines

**Thomas Charles Lutz**

A Study of Public Opinion Surveying the Racial Divides Between Black and White Attitudes Toward Immigration: Why are Negative Attitudes Among the Black Population More Prevalent Than Among the White Population?

**John David Lynn II\***

¡Basta Ya! (Enough is Enough!): Explaining Negative Attitudes towards Immigrants in Spain

**Marina Germain Mansour**

From Bush to Obama: A Comparison of Guantanamo Bay Policies in the War on Terror and How Each President Implemented His Agenda

**Anthony J. Mucci**

Prospects for Democracy in the Islamic World

**Diana Carol Muniz**

Predicting Presidential Effectiveness

**Devin Claire O'Neill\***

Ethnic Voting and the Possibility for a Stable Democracy in Nigeria

**Kathryn Ellen Peterson**

The Demand for Justice: An Analysis of Sustained Human Rights Violations by the Contracting States of the European Convention on Human Rights, 2001–2009

**Anthony Emauel Saurini**

The Fallacy of Midterm Campaigns: The Impact of Citizens United v. Federal Elections Commission

**Elizabeth Norberg Scovil\***

Influence of the Revolutionary Period on the Development of American Public Education

**Andrew Benjamin Smith**

Islam and Democracy: Explaining the Inequity

**Taylor Erin Smith**

The Hyperplural Media Environment: Television News and the Culture of Entertainment

**Dale Christian Sprusansky**

The Politics of Indigenous “Invisibilization”

**Akeel O. St. Jean**

United We Stand: The Effects of CARICOM and OECS on Caribbean Society

**Kameron Johnston St. Clare\***

The Contentious Case of Rawls vs. Sandel

**Shawn Phillip Tedman**

Unconsolidated Traditional Contract Democracy: The Malaysian Experience

**Justin Llewellyn Westerman**

International Cooperation: The Case of Somali Piracy

**Logan Andrew White**

Belgium and Federalism

PSYCHOLOGY

**Jennifer Marin Agranoff**

Caffeine Effects on RPE and Mood States during Muscular Strength Testing

**Cheryl Claire Armagnac\***

The Effect of Music and Arousal Levels on Spatial Reasoning

**Sara Alynn Bennett**

The Effects of Severe or Moderate Car Crash Priming on Memory for Neutral Crash Stimuli

**Mary Kathleen Bower**

The Effects of Distance Priming on Personal Space

**Kelley Louise Bowler**

The Effect of Plaintiff Pretrial Publicity on Juror Decision-Making

**Jessica Ann Burrell**

The Effect of Environment on Physiological and Psychological Parameters

**Stephen Xavier Carrillo**

Group Cohesion Levels: Conversations in Online and Face-to-Face Environments

**Amanda Victoria Colon\***

Discovering the Relationship Between Problematic Facebook Use and Depression, Personality, and Social Interaction

**Jessica Jolisa Raquel Conner**

Need for Stimulation and Reward among Athletes Playing Different Sports

**Lauren Jean Donovan**

The Effects of Coping Strategies on Test Anxiety

**Danielle Reyna DeLosh**

The Effect of Emotional Testimony on Mock Jury Decisions

**Megan Eileen Duffy\***

The Effect of Grammatical Gender on Categorization of Character Voice Choice among Russian- and English-speaking Children

**David Francis Duran**

What are you Watching, Tough Guy? Influence of Expressive Writing and Emotional Films on Men's Emotional Expressiveness

**Nels Arne Frostenson II**

Test Anxiety: How External Factors Affect Exam Performance

**Lyndsay Megan Fuller\***

The Role of the Bystander Effect in a Social Situation Involving Written and Non-Written Content

**Emma Elizabeth Grubb**

Sexual Arousal versus Aggression with Exposure to Era Specific Swimsuit Advertisements

**Kristen Sage Hockenberry**

The Effect of Negative Emotions and Number of Choices on Variety-Seeking Behavior

**Thomas Shane Dominic Hyde**

Humor's Effect on College Stress Perception

**Kathleen Anne Joyce**

The Effects of Positive and Negative Priming on Arm/Grip Strength

**Leah Shay Knapp\***

Best Friend or Worst Enemy: The Effect of a Best-Friend Prime on Contingencies of Self-Worth

**Kristen Nicole Krolick**

The Role of Lateral Hypothalamus in Taste Reactivity Behaviors in Conscious Rats

**Elizabeth Natalie Lowry**

The Effects of Family Disruption on Beliefs About Commitment and Marriage

**Spencer Lawrence MacAdams**

Decoding Nonverbal Expressions of Emotion of Men and Women

**Kelly Leigh MacAllister**

The Effects of Interaction With Dogs on Psychological Health

**Heather Danielle May**

The Effect of Price on Garment Preference

**Alicia Ann McClain**

The Effect of Physical Fitness Programs in After School Care on Self-Esteem and Personal Fitness in Children Grades 3-6

**Ryan Michael McDonald**

Aural Thinking: The Effects of Preferred Music on Memory

**Daphne Andrea Pineda**

Interactive Technology Preference and Social Anxiety

**Heather Leahayn Pratt**

The Impact of Music on Long-Term Memory: Are Irrelevant Speech and Encoding Specificity Detrimental?

**Jessica Nicole Santiago**

A Comparison of Group and Individual Exercise Effects on Pain Tolerance, Mood, and Quality of Life

**Alessandra Moscardo Santos**

Differential Learning Styles and Achievement Scores in Home-Schooled Children

**Michelle Ashley Sayers**

The Cove: To Help or Not to Help? The Effects of Animal Abuse on Gender Differences

**Richard Connor Tuck**

Self-Esteem and Depression Levels in Prison Inmates

**Christina Olivia Versace**

Cheating as a Function of Exam Importance and Level of Monitoring

**Marissa Erin Wade**

Coping Mechanisms and Stressors of University Students

**Robert Scott Waller**

The Effect of Group Cohesiveness on Creative Response

**Jessica Iona Williams**

The Effects of Elevated or Diminished Socioeconomic Status on Sex Differences in Human Mate Preferences

**Sarah Nicole Wisotsky**

The Influence of Personality Characteristics on Decision Time and Confidence During a Discrimination Task

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A Foundation for a Life in Learning**

I learned this, at least, by my experiment: that if one advances confidently in the direction of his dreams, and endeavors to live the life which he has imagined, he will meet with success unexpected in common hours. He will put some things behind, will pass an invisible boundary; new, universal, and more liberal laws will be expanded, and interpreted in his favor in a more liberal sense, and he will live with the license of a higher order of beings. In proportion as he simplifies his life, the laws of the universe will appear less complex, and solitude will not be solitude, nor poverty poverty, nor weakness weakness. If you have built castles in the air, your work need not be lost; that is where they should be. Now put foundations under them.

—Henry David Thoreau  
*Walden; or A Life in the Woods* (1854)

The Office of the Dean, The College of Arts & Sciences  
Grady Ballenger, Dean  
Elizabeth Hall, Room 108  
421 N. Woodland Blvd., Unit 8396  
DeLand, FL 32723  
Phone: 386-822-7515 Fax: 386-822-7514  
Email: [twetheri@stetson.edu](mailto:twetheri@stetson.edu)

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