

2011 Undergraduate Research Symposium Presentation Schedule

March 25th
9:00am – 5:00pm
J. Wayne Reitz Union

Poster Session #1

9:00 am – 11:00 am

Poster Number	Presenter	Faculty Mentor	Presentation Title	Abstract Book Pg. #
Architecture				
1.	Mary Frisbee	Alfonso Perez-Mendez	Evaluating the environmental, technical, and social impacts of a living green roof	6
2.	Sara Varela	Gary Siebein	The Feeling of Sound in Architecture	6
Biological Sciences				
3.	Ashley Van Putten	Thomas Clanton	Calcium probes	7
4.	Bradley Bruggeman	Brian Harfe,	Fate-Mapping Intervertebral Disc Development Using the Lipophilic Fluorescent Labels Dil and DiA	9
5.	Daphna Shaw	Scott Robinson	Does Human Land Development affect Mating Strategies in the Northern Mockingbird (<i>Mimus polyglottus</i>)?	9
6.	Fiona Desland	Colin Sumners	Cerebroprotective Effects of Viral Over-Expression of Brain Angiotensin II Type II Receptor	7
7.	John Saydi	Kevin Brown	Role of PMS2 endonuclease activity in DNA Mismatch Repair (MMR)-provoked DNA Damage Response (DDR) activation	8
8.	Katie Scholl	David Reed	Determining Population Structure of Parasites with Microsatellite Data	7
9.	Kaylene Sattanno	Ken Quesenberry	Evaluation of clovers as potential winter cover crops in North Florida	8
10.	Kira Taylor-Hoar	Robert Fletcher	Predator-Prey Dynamics	8
11.	Leticia Fridman	Graciela Lorca	Characterization of LVIS0853, a MarR transcriptional regulator in <i>Lactobacillus brevis</i>	7
12.	Michael Constantine Granatosky	David Daegling	Ontogenetic Shifts of Bone Material Properties within the Cercopithecoid Mandible	9

13.	Phuong Nguyen	Linda Bloom	Characterization of the ATP-site Mutation T157A in E. coli Gamma Complex Clamp Loader	7
14.	Rachel Rubin	Edward Schuur	Foliar carbon and nitrogen responses to experimental warming in the low Arctic	6
15.	Tobias Schmid	Roger Reep	Determining the Proportions of the Four Types of Pyramidal Neurons Contributing to the Corticostriatal Projections Related to Neglect	8
Building Construction				
16.	Kris Sawicki	Edward Minchin	Counterfeiting in the Construction Industry	17
Business Administration				
17.	Jerri-ann Berry	Jason Colquitt	The Caribbean Brain Drain and Organizational Commitment	17
Engineering				
18.	Andres Caicedo	Ranga Narayanan	The Stationary Liquid Jet	23
19.	Andrew Buckspan	Warren Dixon	Optimization of control in a wind turbine model	22
20.	Andy Wright	Rizwan Bashirullah	A Capacitively Coupled ECG Sensor	22
21.	Ann Dietrich	Lou Cattafesta	Particle Image Velocimetry on Flow Over Cylinders	24
22.	Ashley Averill	Mike Braddock	Flexures in Automotive Suspension	21
23.	Aura Cruz	Daiqing Liao	Positively-Charged Amino Acid Residue Distribution in Transcription Factor Domains	19
24.	Caitlyn M. Oram	Dave Bloomquist & Scott Wasman	Determination of the Correlation between A Cohesionless Soil's Angle of Internal Friction and its Gradation	20
25.	Daniel Lago	Gabriel Ghita	Investigation into Loss of Excess Reactivity at the University of Florida Training Reactor Using MCNP	20
26.	Eduardo Rondon	Michael Braddock	Introductory Design of Structural Composites	21
27.	Jennifer Griffith-Delgado & Erick Macias	Karl Gugel	Vibration Energy Harvesting	20

28.	Jong Kim	Malisa Sarntinoranont	Introduction of Evaluating the Durability and Collapsibility of Polymer Coated Needles	25
29.	Jordan Manning	Scott Berceli	Elevated wall tension impedes vein bypass graft remodeling	25
30.	Kayla R. Ficarrotta	Wesley E. Bolch	An Assessment of Skin Dose Mapping Software for Use in Fluoroscopically Guided Interventional Procedures	20
31.	Kyle Ham	Michael Braddock	Design of an Externally Adjustable Automotive Differential	22
32.	Michelle Abou-Jaoude	Anuj Chauhan	Ophthalmic Drug Delivery Through Contact Lenses	19
33.	Ryan Messer	Michael Annable	Vadose Zone Contaminant Vapor Transport	22
Health Related				
34.	Annemarie Wolfe	J Mocco	Hematopoietic Stem Cell Mobilization Following Stroke	28
35.	Chad Billington	Angela Dobbins	Sex Education and Adolescent Behavior	38
36.	Christine Martin	Barbara Lutz	Importance of effective communication among healthcare providers and caregivers prior to stroke patient discharge: reducing risks of stroke crisis	27
37.	Daniel Turner	W. Clay Smith	Interaction of Arrestin and Enolase in Rod Photoreceptor Cells	27
38.	Danielle Drennan	Carmen Rodriguez	Barriers in Using Electronic Communication Devices with the Hospitalized Suddenly Speechless	32
39.	David Weithorn	Peter Stacpoole	The Pharmacogenetics of Dichloroacetate	32
40.	Del Benzenhafer	Clay Smith	Interaction Between Arrestin and Enolase in the Rod Photoreceptor Cells	29
41.	Derek P. Nieber	Thomas Beaver	Does Nesiritide Provide Renal Protection by Attenuating the Inflammatory Response in Cardiac Surgery?	28
42.	Eric Rudnick	Colleen Le Prell	Attenuation of Gentamicin-Induced Hearing Loss via an Enhanced Diet in Guinea Pigs	28

43.	Erika Giblin	Hartmut Derendorf	Pharmacokinetic/Pharmacodynamic Modeling of the Psychomotor Vigilance, Go/No-Go Performance, and Electroencephalogram Effects of Armodafinil in Sleep Deprived Healthy Adults	27
44.	Jason Wagner	Robert McKenna	The structural interactions between the enzyme human Carbonic Anhydrase II and various substituted-sulfonamide drug inhibitors via high resolution x-ray crystallography	30
45.	Jenna Ford	Adriaan Bruijnzeel	Blockade of alpha-1 adrenergic receptors in the central nucleus of the amygdala attenuates the negative affective state associated with nicotine withdrawal in rats	29
46.	Jessica Guyton	Chris Harle	Evaluation of the Nutritional Content of Food on Campus	31
47.	MacKenzie Roberts	Andrea Behrman	Ongoing Recovery 4 and 5 Years Post-Locomotor Training in a Child with a Spinal Cord Injury	30
48.	Mae Mercado	Carolynn Patten	Nonparetic limb guidance induces spatiotemporal symmetry during walking post-stroke	26
49.	Manju Korattiyil, Ekene Ajufo, Lisa Gilbert	Peter Adhietty	Effect of chronic metformin treatment in muscle and brown adipose tissue in Huntington's disease	32
50.	Matthew Isaacson	Michael King	Inhibition of I1PP2A as a Therapeutic Strategy for Tauopathy	28
51.	Matthew Neu	Daniel Purich	Enhanced Actin-Based Motility and Leading Edge VASP Recruitment in Human Microvascular Endothelial Cells Treated with Sphingosine-1 Phosphate	32
52.	Melia Hernandez	Joseph L. Riley III	Physiological Response to a Physical Stressor and Painful Heat Stimulus	29
53.	Michelle Martin	Delores James	Parental Perspectives on Child's Eating Habits and Weight Status	26
54.	Nekeshia McInnis	Dr. Robert Cook	Examining the Effects of Parental Relationship during Childhood on the Development of Adulthood Emotional Health	26
55.	Nikea C. Aytes	Maureen Long	Detection of Eastern Equine Encephalitis Using Real-time PCR on Formalin-Fixed Paraffin Embedded Horse Tissues	31

56.	Stephanie Foss	Anne Mathews	Diet Quality Improved in Obese Older Women after Behavioral Intervention as Measured by the Healthy Eating Index-2005	31
57.	Tahsin Khundkar	Ronald Mandel	Dopaminergic cell death in the substantia nigra as a result of alpha-synuclein knock-down	33
58.	Tarik Ksaibati	Roger B. Fillingim	A Demographic Comparison of Morphine and Butorphanol Effects on Auditory Reaction Times and Pupillometry	29
59.	Tess Alonso	Shannon Wallet	miR146a Expression in Monocytes and Epithelial Cells	31
60.	Wendla E. Alderman	Dr. Beth Chaney	Physician's Readiness to Manage Intimate Partner Violence Patients	30
Humanities & Fine Arts				
61.	Alexsa Wicker	Cirecie West-Olatunji	How Low Income African American Parents Position Their Middle School Daughters As Mathematics and Science Learners	40
62.	Bertina Valbrun	Brenda Wiens	Relationship Between Peer Victimization and Attitudes Toward School: the Role of Ethnicity	40
63.	Frederick Rosenbluth	Norman Goda	The Misinterpretation of the Adolf Eichmann trial	41
64.	James C. Welch	Hélène Blondeau	Links between Ethnolinguistics and Social Identity in a Globalized Montreal	42
65.	Jasmine Rivera	Melissa Hyde	Henri Matisse: The Nature of the Engagement of the Nude	40
66.	Kristina Wilson	Terry Harpold	An Untapped Peritextual Cache: Children's Somnotexts	38
67.	Lauren Nicole Langston	John Freeman	The Los Quinchos project: an NGO at Work	42
68.	Leah Chapman	Whitney Sanford	Religion and Food: A comparative case study of sustainable food practices among religious groups in Gainesville, Florida	40
69.	Raquel S Kalil	Hui Zou	The Drama of Vernacular Dwellings within Shanghai: A Design Montage	39
70.	Vanessa Attia	Trysh Travis	A Ladylike Employment: Respectable African-American Womanhood	39

71.	Vibha Agarwala	Charlie Hailey	Architecture + Music	41
72.	Victoria Machado	David Hackett	Salvation Mountain: Expanding the Notion of Expressive Individualism in American Culture	39
Landscape Architecture				
73.	Nickolas Schild	Glenn Acomb	Subtropical Climate Vegetated Roofs	45
Physical Sciences				
74.	Cody-John Davis	Matthew C. Smith	Understanding mid-ocean ridge magmatism: New insights on recent volcanism along the CoAxial Segment of the Juan de Fuca	46
75.	Deevee Sanchez	Michael Lane	Astroglial Reactivity following Cervical Spinal Cord Injury and	48
76.	Emily Thompson	John Reynolds	Characterization of Colorimetric Properties of Conjugated Electrochromic Polymers with a Multichannel Spectroradiometer	47
77.	Michael Mavros	David Micha	Optical properties of doped Si quantum dots with crystalline and amorphous structures	46
78.	Trevor J. Del Castillo	Adam S. Veige	iClick: A Novel Organometallic Reaction	46
Social Sciences				
79.	Alex Plattner and Niraj Singh	Melissa Johnson	Development in Undergraduate Researchers	53
80.	Alexandra Fernandez	Larry DiMatteo	Director's Decision Making: The Weakening of the Business Judgment Rule	49
81.	Anna Piatyszek	Joseph Alba	Practical or Aesthetic? It's All in the Timing	52
82.	Ashley Lagaron	Michael Martinez	Learning to be Citizens: The Election of Barack Obama, Minority Identification, and the Political Socialization of Young People	51
83.	Briana Sullivan	Jim Dewey	The Manufactured Housing Market: The Effect of Quality Improvements on Mobile Home Placements	51
84.	Caitlin Sileo	Alan Cooke	Role of personal identity and attitude in charitable appeals	52

85.	Chelsea Arlene Weaver	Ed Kellerman	Examining Micro-finance Initiatives For Low-income Women Borrowers in Marginalized Communities of Oaxaca de Juárez, Mexico	50
86.	Christopher Peralta	Rasha Kamhawi	CNN: The Place for Fair and Balanced?	48
87.	George Willmer	Sarah Hamersma	SNAP Participation and the Great Recession	53
88.	Heather Lear	Ken Wald	Turkish Accession to the EU: The Perspective of the Next Generation	53
89.	Jenna Nichols	Helene Blondeau	Another Corner of Francophone North America: The Language Practices of the Francophone Community in South Florida	48
90.	Jessica Neer	Dr. Philip Williams	Bolivian Natural Resource Policy	59
91.	John Abendroth	David Wei	Tuning the Plasmonic Properties of Photo-Synthesized Silver Nanoprisms	46
92.	Joseph Gallagher	Allan Burns	Evaluation of plant knowledge of Maya individuals in Maya Mopan and possible conservation implications	51
93.	Joshua Holtzman	Samuel P. Stafford	A Court Divided: How Citizens United v. FEC reflects ideological changes in the U.S. Supreme Court and what it means for the future of political campaign contributions	51
94.	Joshua Villanueva	Abdoulaye Kane	The "State" of Republicanism	53
95.	Justin Fisch	Taylor Stein	Analyzing Visitor Travel Distance on the Florida National Scenic Trail	54
96.	Naeema Britton	David Janicke	The Association Between Parental Distress and Markers of health Functioning in Overweight and Obese Children	59
97.	Parris Baker	Dan O'Neill, Michelle R. Smith	Hip-Hop Politics and the 2008 Presidential Election	49
98.	Regina Topolinskaya	Petia Kostadinova	EU conditionality in the Baltic states: Long-term effectiveness or transience in the realm of minority rights?	49

99.	Romilda Justilien	Kenneth D. Wald	The Threat of Homosexuality to Blackness, the Black Church, and the African American Family	52
100.	Sally Galanti	Joseph McNamara	An Examination of the Relationship between Parental and Offspring Anxiety	52
101.	Veronica Johnson	Carolyn Tucker	Medical Students' Cultural Competency and Knowledge of Health Disparities	50

Student Creative Works

11:00 am – 12:00 pm

Room #	Presenter	Faculty Mentor	Presentation Title	Abstract Book Pg. #
Grand Ballroom	Evan Kassof	Paul Richards	Judgment: An Original Opera	43
Grand Ballroom	Kristen McLaren	Ric Rose	Dancing with Your Audience: New Ways to Communicate	45
Grand Ballroom	Stephani Babcock	Neta Pulvermacher	Choreographing Emotion	45

Oral Presentations

1:00 pm – 2:00 pm

Room #	Presenter	Faculty Mentor	Presentation Title	Abstract Book Pg. #
285	Alberto Rosado	David Geggus	The Maniel: The Last Maroon Treaty	41
285	Janel Fontaine	Florin Curta	Enslavement in Anglo-Saxon England, 500-800	39
285	Sara Reynolds	Alice Freifeld	The Patriotic Mask: Nationalist Propaganda during the Dreyfus Affair	41
285	Dominique Worship	Philip Williams	Street Children in Mexico	58
286	Bryant Shannon	Marco Salemi	Analysis of External Transmission Factors in the 2008 Cholera Epidemic in Zimbabwe	37
286	Sarah Knapp	Clayton Mathews	Resistance of Insulin Producing Beta Cells to Autoimmune Destruction	34
286	Carine Normil	Marylin Thomas-Houston	Marginalizing Factors and the Invisibility of the Haitian-Americans Diaspora in the United States	58
286	Samaa Kemal	Jill Sonke	Theatre: A Medium for Health Education in Rural Communities	42

287	Tyler Walsh	Florin Curta	The 'Fur Road' and Volga Bulgaria	42
287	Kimani Kerr	Peter Bergmann	The Significance of the Frontier in American Socialism	49
287	Adriana Smith	Lisa Hasel	Eyewitness Identifications: The Influence of Alibis	50
287	Mychal Estalilla	Joel Houston	Financial Crisis Intervention and Counterparty Risk	50

Oral Presentations

2:00 pm – 3:15 pm

Room #	Presenter	Faculty Mentor	Presentation Title	Abstract Book Pg. #
285	Walter Trauner	Lawrence Kenny	The Economic Impact of Conservation Land in Florida	48
285	Chase Corbin	David Denslow	The negative effects of public institution lending policy on the Florida condominium market	54
285	Geeta Aneja	MJ Hardman	Where Women and Men don't Exist: An outsider's perspective of gender roles in the Peruvian Andes	54
285	Meredith Moukawsher	George Burgess	Designing a Conservation Policy with "Bite": The Value of an Ethno-Anthropological Perspective in the Ongoing Shark Debate in the Philippines	55
286	Eleanor Deumens	Andrea Sterk	Gratia Undecima Mille: The Cult of the Eleven Thousand Virgins in Cologne	43
286	Narayan Ghiotti	Maria Rogal	Ethnographic Research and Design to Encourage Sustainable Development in a Global Economy	43
286	Lorn Hillaker	Geoffrey Giles	How the East was Won: Propaganda in the Early German Democratic Republic	44
286	Burney Ratliff	Edit Nagy	Technology Transfer Behind the Iron Curtain	44

286	BaoTran Tran	Saun-Joo Yoon	Self-Care Management of Irritable Bowel Syndrome (IBS): Does Severity Matter?	38
287	Lydia Epple	Andrea Sterk	Portraying Women and the Feminine: The Poetry of Prudentius	45
287	Heidi Bahrenburg	Melissa Johnson	The Separation of Church and State and its Implications on the American University	56
287	Travis Hornsby	Lawrence Kenny	Why Do Voters Give Up Power?: The Establishment of Florida as a Supermajority Initiative State	57
287	Zhechao Qiu	Howard Louthan	The Pretender's Folly: Jacobitism during the Hanoverian Succession	44

Poster Session #2

3:00 pm – 5:00 pm

Poster Number	Presenter	Faculty Mentor	Presentation Title	Abstract Book Pg. #
Biological Science				
1.	Aleksandar Gotalj	Volker Mai	Analysis of effects of chlorinated vs. non-chlorinated water on gastro-intestinal microbial population in mice	16
2.	Anastasia Potts	Claudio Gonzalez	Metabolic Products of <i>Lactobacillus johnsonii</i> N6.2 Modulate Indoleamine 2,3-dioxygenase Activity	9
3.	Austin Mogen	Kelly Rice	Investigation of Interactions between Pluronic Micelles and <i>Streptococcus mutans</i> Biofilms	13
4.	Barbara A. Perez	Pedro Fernandez-Funez	A New Light-Regulated Gene Expression System in <i>Drosophila</i>	10
5.	Brian Contreras	Dr. Lei Zhou	Identifying anti-apoptotic genes in CuniNPV virus	15
6.	Caroline Reist	Maureen Goodenow	Nelfinavir Reduces HIV-1-Associated Innate Immune Activation	14
7.	Clara Vu	Claudio Gonzalez	Substrate Binding Mechanism of a Cinnamoyl Esterase Using Site Directed Mutagenesis	11
8.	Eric Monaco	Brian Silliman	Intertidal zone and herbivore density affect grazing intensity on <i>Ascophyllum nodosum</i>	13
9.	Gileno Fonseca Filho	Matthew Sarkisian	Effects of Aging on Primary Neuronal Cilia	11
10.	Jason P Joseph	Colin Sumners	The AT2R Activator Compound 21 is Neuroprotective in a Rat Model of Ischemic Stroke	6
11.	Joseph B. Black	A.M. Settles	Structure-function analysis of the maize NLR1 protein, a plant-specific nuclear-localized protein	14
12.	Karen Brun	Brian Silliman	Non-Consumptive Effects and their Role in Salt Marsh Trophic Cascades	12
13.	Kristin Magrini	David Reed	Island Hopping: Phylogeography of Mexican free-tailed bats on the Bahamian archipelago	15
14.	Kyle Hannabass	Joanna Long	Structural Studies of Lung Surfactant Protein B59-80 via Electron Paramagnetic Resonance Experiments	11
15.	Kyle J Ericson	Max Teplitski	The Role of Acid-Stress Response in <i>Salmonella enterica</i> serovar Typhimurium during interactions with Tomato Fruits.	12

16.	Laura Morales	Karen E. Koch	Sorbitol dehydrogenase affects reproductive development in maize	10
17.	Lauren Walker	Seunghee Cha	MicroRNA regulation of the inflammasome in Sjögren's syndrome	16
18.	Leslie Slota	Martin Cohn	Ancient Origin of Cartilage: Identification of the CollagenA-SoxE Pathway in Horseshoe Crabs	14
19.	Melinda Grosser	Christine Chase	Plant mitochondrial introns as genetic markers	10
20.	Meshal Soni	Susan D'Costa	Mapping Several Temperature-Sensitive Vaccinia Virus Mutants to Individual Genes	16
21.	Michael Dang	Tamer Kahveci	Scaling SubMAP for Large Metabolic Pathways	13
22.	Paula Cohen	Jaret Daniels	Exploration of reintroduction methods through a surrogate butterfly	17
23.	Phillip Ritucci	Colin Sumners	The Role of Angiotensin (1-7) in the Prevention of Hemorrhagic Stroke	15
24.	Prashanth Shanmugham	Dorette Ellis	Role of Nitric Oxide and Riluzole in ALS	16
25.	Qicong Chen	Ben Dunn	Structural and Kinetic Characterization of HIV-1 Subtype C N88D/L90M Protease	14
26.	Rahim Ismail	Keith White	UPDRS in Children with Autism	12
27.	Rhea Chattopadhyay	Dena Howland	Staining Procedures for Thick Tissue Sections to Optimize Histological Validation of Magnetic Resonance Data	12
28.	Sean Brennan	Kyle Roux	Resolving the functional interaction between IP3R and LRMP	13
29.	Tyag K. Patel	Daiqing Liao	Using Yeast Two-Hybrid Screening to Characterize the Interactions between Sp1 and p300	11
30.	Tyler Pyle	Melanie Correll	The Effects of the Spaceflight Environment on the Arabidopsis thaliana Gene Expression Profile	13
31.	Viviana Penuela	Neil Blair	Isolation and Characterization of recalcitrant materials from Aspergillus using FTIR	10
32.	Yolanda Ho	Scott Grieshaber	Developing rudimentary genetics for Chlamydiae trachomatis through UV Mutagenesis	10
33.	Zachary Cohen	Alfred Lewin	Non-Specific Activity of VMD-2 Promoter in Various Tissues	15

Design				
34.	Brittany Rueff	Maruja Torres	Characterization Study of Urban Cohousing Communities	18
Engineering				
35.	Andrew Binger and Tessira Crawford	Richard Dickson	Hydraulic Fracturing and Groundwater Contamination	25
36.	Anna Kantzios	Panos M. Pardalos	Computational approach to Parkinson's fMRI data analysis	25
37.	Brian Rivers	Forrest Masters	Performance of Discontinuous Roof Cover Systems in Turbulent Wind Loading	18
38.	Craig D. Mansfield	Lewis E. Johns	Packed Column Distillation Design	23
39.	David Reich	Lou Cattafesta	Active Separation Control for Increased Aerodynamic Efficiency	19
40.	Eddie Goude	Derek Hsu	Characterizing the Effects of Heat Treatment on Microstructural Evolution and Phase Transformation in ZrCu Shape Memory Alloy	24
41.	Jack Tilka	Michele Manuel	Mechanical Behavior of Metal-Matrix Composites Reinforced with Ferroelastic Particles	24
42.	Jason Fisher	Dr. Tuba Yavuz-Kahveci	GUI Extension for Java Race Finder	24
43.	Katherine Graf	Treavor Boyer	Magnetic ion exchange treatment of drinking water and municipal solid waste residuals	19
44.	Katherine Gursoy	Scott Banks	Analysis of Elbow Angles and Impact Forces in the Back Handspring	22
45.	Kelvin Chang	Bhavani Sankar	Fracture Toughness of Epoxy Nano Composites	18
46.	Kiet La	Gar Hoflund	Rate Determination and Analysis of Bromine and Hydrogen Sulfide Reaction	23
47.	Kyle Taylor	Treavor Boyer	Hardness removal from urine using a cation exchange resin	18
48.	Patrick Lloyd	Michael Braddock	Implementation of "No-Lift" Shifting in Automotive Applications	21
49.	Steven McLeod	Kirk Ziegler	Chromatography With Agarose Beads as a Method of Separating Carbon Nanotubes	23
50.	Veronica Boesen	Scott Perry	Analyzing frictional properties of single crystal metal carbides on an atomic scale	21

Forest Resources & Conservation				
51.	Lauren Richburg	Taylor Stein	The effects of an ecotourism trip to Costa Rica on students' knowledge and environmental perspective	26
Health Related				
52.	Alan D. Salgado	Brent Reynolds, Michael D. Weiss	Using an In Vitro Model of Hypoxic-Ischemic Encephalopathy to Study Stem Cell Therapy in the Developing Brain	34
53.	Alex Tiemeier	Heather Ross	Pre-Transplant Hypoxia as a Priming Modality for Neural Progenitor Cells	37
54.	Allison Gopaul	Iskande V. Larkin	Optimization Of A Testosterone Enzyme-Immunoassay For The Analysis Of Fecal Samples From West Indian Manatees (<i>Trichechus manatus</i>)	35
55.	Allison Kuipers	Drake Morgan	Novel serotonin compounds in preclinical models of antipsychotic activity and amphetamine abuse	34
56.	Amanda Mihalik	Mark Lewis	Examining the Relationship between Motor Stereotypy and Cognitive Flexibility in a New Model of Repetitive Behavior	38
57.	Bilal Yehia	Lakshmyya Kesavalu	Detection of Periodontal Pathogen DNA from Cardiothoracic Surgery Patients	35
58.	Brian Simmons	Edward Chan	Determination of Prevalence of Antimitochondrial Antibodies in the General U.S. Population from a Representative 5000 Cohort Sample	37
59.	Dylan Lennon	Peggy R. Borum	Chemical composition of Ketogenic Therapy to control seizures and support growth and development	35
60.	Fidelis Pe Benito	Dr. Charlene Krueger	A Description of Mothers' Experiences after Providing Recordings of Their Voices to Their Preterm Infants	33
61.	Hannah Allen, Kristin Smith, Nausheen Khuddus, Saleem Islam, Lauren L. Jones, Tatiana Zanganeh, Geoffrey Panjeton, Dylan Lennon, Amanda Veling, Peggy R. Borum	Peggy R. Borum	Preterm piglet model for investigation of preterm human neonatal co-morbidities	35
62.	Hardeep Singh Saluja	J Duffy Mocco	Stroke and Stem Cells: The Role of Tissue Plasminogen Activator	33
63.	Joseph Papin	Sue Rowland	Investigating the Role of the DNA Repair Enzyme, MGMT, in Huntington's Disease	37

64.	Kendra Keith	Peggy R. Borum	Medication Score: An Approach to Assessing Medication Load	36
65.	Mark Rohaus	Brent Reynolds	Genetic Instability and Proliferation Potential Analysis of Slow-Cycling Cancer Stem Cells in the Brain Tumor Glioblastoma	36
66.	Paola Esparragoza	Naohiro Terada	Epigenetic evidence of pluripotency gene derepression in clinical osteosarcoma	33
67.	Stephanie Tamayo	Edward Chan	Candidate Biological Function of Rod and Ring in Oral Cancer Cell Lines	36
68.	Tigran Kesayan	Kenneth M. Heilman	Perception of force magnitude in Parkinson's disease	36
69.	Tina Cheung	Heather Ross	Intermittent Hypoxia as a Priming Modality for Transplant Cells for Spinal Cord Injury	34
70.	Viktor Flores	Carrie Haskell-Luevano	Peptide Analogues Containing β -Amino Acids For the Melanocortin System	30
71.	Yun Min Chang	Weihong Tan	Selection of Internalized Aptamers	17
Humanities & Fine Arts				
72.	Amanda M. Rogers	Hana Filip	Examining Emotionality and Taboo in a Second Language	43
73.	Carly Wilson	Steven Noll	Walt Disney World's Creation	44
74.	Kayla Johnson	Edith Kaan	Effects of training on tone perception in native speakers of English	42
Physical Sciences				
75.	Carolyn E. Ball	Jon B. Martin	Quantifying the effects of antecedent conditions on flood magnitude and the exchange of surface water and groundwater in north-central Florida	47
76.	Mohammad Usman Ehsan	John R. Eyler	Applications of Fourier transform ion cyclotron resonance (FT-ICR) mass spectrometry in infrared spectroscopy of gaseous sugar ions	47
77.	Rafiya Javed	Amlan Biswas	Colossal Electroresistance in (La _{1-y} Pry)0.67Ca0.33MnO ₃	47
Social Sciences				
78.	Andrew Reid	Troy Elias	Mobile Application Study	56
79.	Brenda Nelson	Michael Leslie	Application of the Uses and Gratifications Theory to Black Women and the Film "For Colored Girls"	59

80.	Emily Lazopoulos	Sandra Kramer	ASC740 uncertainty, benefits and cost implications	58
81.	Erin Case	Stephen Pape	Triumphs and Trials of Implementing a Classroom Communication Technology Software in a College Pre-Calculus Course	55
82.	Jeremy Mckeller	Bernard Oliver	Locus of Control, Self-Concept and Academic Achievement in Adolescence African-American Males: A Literature Review	58
83.	Joseph A. Kirkham	Edith Kaan	Comparison of Vocalists and Instrumentalists on a Lexical Tone Perception Task	57
84.	Julie Hundersmarck	Eric Kligerman	Moving Toward A New Foreign Policy: Germany in the 1990s	55
85.	Kalyn Wyckoff	Rose Lugano	The Impact of Storytelling on the Swahili Culture	58
86.	Kayla Morse	Ruth Visuete	Social Foundations and Influence on Black Male Achievement	59
87.	Kelly Zuromski	Ken Rice	Perfectionism, self-control, and academic behaviors	55
88.	Kyle Futch	Jennifer Tucker	The Effects of Recessionary Periods on Bankruptcy Prediction Models	57
89.	Matthew S. Michaels	Bonnie Moradi	Effects of Heightened Body Objectification on Men's Body Perceptions	56
90.	Michael Canencia	James Dewey	A Salary-Adjusted, Value-Added Method to Ranking Undergraduate Business Programs	56
91.	Shantel Powell	Carolyn Tucker	Academic Resiliency Among African American High School Students of Low Socioeconomic Status	57
92.	Sophie Kamuf	David Denslow	The Correlation of House Price Changes across Japanese Prefectures	54