GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Mikayla Willoughby	Social Competence in Deaf and Hard-of-Hearing Children Versus Normal Hearing Peers: Comparing Observational Data to Teacher Ratings	Communication Disorders and Sciences	Dr. Nichole Mulvey	SP 19
Joseph Milosch	Decentering as a Facilitator of Psychological Well-Being	Psychology	Dr. Ronan Bernas	SP 19
Melanie Adams	The Relationship Between Representations of God and Psychological Well-Being	Psychology	Dr. Ronan Bernas	SP 19
Kallie Haritopoulos	Social Competence in Deaf and Hard-of-Hearing Children Versus Normal Hearing Peers: Comparing Standardized Assessment and Observation Data	Communication Disorders and Sciences	Dr. Angela Anthony	SP 19
Ashley Parola	Evolutionary Divergence in Gene Expression During Early Patterning of Median Fins in bony fishes (Teleostei)	Biological Sciences	Dr. Eloy Martinez	SP 19
MacKenzie Scroggins	The Role of WNT4 in Liver Function	Biological Sciences	Dr. Gary Bulla	SP 19
Olorunjuedalo Folami	Narcolepsy: Investigating the relationship between narcolepsy, cataplexy, and other sleep disorders with variations in a human leukocyte antigen (HLA-DQB1) gene and other alternative genes linked to these disorders.	CMN: Interpersonal Communication	Dr. Thomas Canam	SP 19
Audrey Rex	Detection of Antibiotic Resistance Loci in Waste Water and Fresh Water	Chemistry	Dr. Kai F. Hung	SP 19
Jenny Trafford	Does genetic diversity lead to greater variation in two potentially sustainable, alternative crops?	BIO: Environmental Biology	Dr. Scott Meiners	SP 19
Julie Haring	Exploring novel genes associated with narcolepsy and cataplexy	Biological Sciences	Dr. Thomas Canam	SP 19
Kaylee Hampton	Generalizability and Dependability of Teacher Praise and Reprimand	Psychology	Dr. Margaret Floress	SP 19
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Ashlee Burton	Discourses of Religious Persecution and Toleration in the Sixteenth and Seventeenth Centuries	English	Dr. Melissa Caldwell	FA 18
Audrey Rex	Detection of Antibiotic Resistance Loci in Waste Water and Fresh Water Samples	Biological Sciences	Dr. Kai F. Hung	FA 18
Bailey Olsen	Pochoir: Historical Printmaking Applications in Contemporary Explorations	Art	Dr. Alan Pocaro	FA 18
Jocelyne Mendoza	Characterization of Glutamate Carboxypeptidase II and Protein Interaction Studies via Computational Molecular Modelling	Biological Sciences	Dr. Gopal Periyannan	FA 18
Jacey Dillon	Relationship of MLU and Teacher Perceptions of Behavior in Preschool Students	Communication Disorders and Sciences	Dr. Nichole Mulvey	FA 18
Abigail Carlin	Gender, Race, and the Exploitation of Sacred Spaces in Ghost Adventures	English	Dr. Angela Vietto	FA18
Melissa Nathan	Medicinal Plants to Treat Brain Disorders	Biological Sciences	Dr. Gordon Tucker	FA 18
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Dylan Cole	Cleaning Our Environment: Pollutant Aromatic Hydrocarbon Metabolism By Caulobacter crescentus	Biological Sciences	Dr. Gopal Periyannan	SU 18
Gabriel Mansfield	Conservationists vs. Preservationists: John Muir and Gifford Pinchot on the Water Rights of San Francisco to the Hetch Hetchy Valley	History	Dr. Lynne Curry	SU 18
Kayla Young	Cultural Competency and Global Awareness in Speech Language Pathology Students Studying Abroad	Communication Disorders and Sciences	Dr. Angela Anthony	SU 18
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Vanessa Lopez	Traditional Bookbinding: A Mytho-Historical Approach In Producing Contemporary Artist's Books	Art	Dr. Alan Pocaro	SP 18
Cassandra Shaffer	Exploring the relationship between narcolepsy and other sleep disorders with variations in a human leukocyte antigen (HLA-DQB1) gene	Biological Sciences	Dr. Thomas Canam	SP 18
Jaden Patterson	Effect of Environmental Condition on Measurements of Small-Bodied Fishes	Biological Sciences	Dr. Robert Colombo	SP 18
Christian Daniels	Juvenile Pallid Sturgeon Tail Kinematics and Fluid Dynamics	Biological Sciences	Dr. Anabela Maia	SP 18

Kyrsten Holderby	Functional Characterization of Human GCPII	Chemistry	Dr. Gopal Periyannan	SP 18
Jocelyne Mendoza	Glutamate Carboxypeptidase II: Lipid - Protein Interaction Studies	Chemistry	Dr. Gopal Periyannan	SP 18
Madeleine Gillman	Autonomy as Power	English	Dr. Marjorie Worthington	SP 18
Steven Forsythe	The Writings of Rev. Nehemiah Adams: Connecting Views on Religion, Race, Family, and Slavery in Antebellum America	History	Dr. Bonnie Laughlin-Schultz	SP 18
Ava Gillespie	Connecting Peace Movements	History	Dr. Ed Wehrle	SP 18
Sydney Rohmann	The Effect of Mortality Salience on Compromising Mate Selection Standards in Homosexual and Heterosexual Individuals	Psychology	Dr. William Addison	SP 18
Madison Fisher	Teacher Attitudes and Knowledge on Praise as a Classroom Management Tool	Psychology	Dr. Margaret Floress	SP 18
Josie Clark	Spatial Reorientation Using Audition: Do Humans Encode Ambiguous Stimuli?	Psychology	Dr. Daniele Nardi	SP 18
Rebecca Nelson	Effects of Fidget Spinner Use on Visual and Auditory Attention Tasks	Psychology	Dr. Jeffrey Stowell	SP 18
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Ashley Parola	Investigation of Near-Infrared Emission of a Novel Porphyrinate Ytterbium (III) Complex	Chemistry	Dr. Hongshan He	FA17
Jessica Derham	Glutamate Carboxypeptidase II Gene Expression Analysis in Caenorhabditis elegans	Chemistry	Dr. Gopal Periyannan	FA17
Brooke Greiner	Glutamate Carboxypeptidase II from Caenorhabditis elegans: Molecular Level Study Human Diseases	Chemistry	Dr. Gopal Periyannan	FA17
Holly Jones	Click it and use it: Modular synthesis of structurally adaptive ligands	Chemistry	Dr. Radu Semeniuc	FA17
Claire Pfeiffer	Increasing 7-10 year old Children's Knowledge and Consumption of Fruits and Vegetables through a Hands-On Curriculum	FCS-Dietetics	Dr. Jeanette Andrade	FA17
Susan Jenkins	Concept and Practical Value of the 'Death of God' in Hegel and Nietzsche	Philosophy	Dr. Gary Aylesworth	FA17
Victoria Munson	Attitudes of Occupational Therapy Professionals on Their Role in Weight Management Programs	Psychology	Dr. William Addison	FA17
Samantha Boomgarden	Stereotype Threat: The Impact of a Fabricated Threat	Psychology	Dr. Nathan Brito	FA17
Gabrielle Going	Classroom Management Systems	Psychology	Dr. Margaret Floress	FA17
Alleluia Musabyimana	Race and Gender at Work: men's and women's experiences	Sociology	Dr. Vernon Woodley	FA17
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Kyrsten Holderby	Functional Characterization of GCPII Enzymatic Activity	Chemistry	Dr. Gopal Periyannan	SU 17
Andrea Perry	Synthesis and Characterization of Lipid Nanodiscs with Variable Lipid Composition	Chemistry	Dr. Gopal Periyannan	SU 17
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Kaitlyn Hammock	Evolution of Median Fins in Basal Bony Fishes	Biological Sciences	Dr. Anabela Maia	SP 17
Megan Lindsay	Content Analysis of Franklin Delano Roosevelt's Historical Representation within Trade Books	Early Childhood, Elementary, and Middle Level Education	Dr. John Bickford	SP 17
Rebecca Warfel	Selecting Instruments Based on Physical Facial Characteristics: Illinois Band Directors' Beliefs	Music	Dr .Danelle Larson	SP 17
LeAnn Brown	Psychological Functioning of Occupational Therapy Patients with Upper Extremity Injuries	Psychology	Dr. Jeffrey Stowell	SP 17

Margaret Thomas	Algae Waste for Bioenergy Strategies	Biological Sciences	Dr. Thomas Canam	SP 17
Malina White	Color Bias and Social Impacts on Lepomis megalotis	Biological Sciences	Dr. Anabela Maia	SP 17
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
No Awards Given				FA 16
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Amy Lam	Pathogenic Diversity of Escherichia coli in Rural Illinois Creek Waters: Potential Impact on Public Health	Biological Sciences	Dr. Steven Daniel	SU 16
Michael Spencer	Chicago Committee to Save Lives in Chile	History	Dr. Ed Wehrle	SU 16
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Brian Bourne	Use of Persistent Homology in the Study of Crystal Packing	Mathematics and Computer Science	Dr.Grant Lakeland	SP 16
Nicholas Dale	Investigation of GCPII Functions in Caenorhabditis elegans	Chemistry	Dr. Gopal Periyannan	SP 16
Christina Farley	Body Consciousness: The Key to Performance Anxiety in Musicians?	Music	Dr .Danelle Larson	SP 16
Jocelyn Herrera	Structure and Function of MitoNEET in Regulation of Glutamate Dehydrogenase	Biological Sciences	Dr. Michael Menze	SP 16
Brenton Hull	The Synthesis of Carbamates to make N-Phenylsemicarbazides	Chemistry	Dr. Edward Treadwell	SP 16
Candace LaPrairie	Narratives in Native English Speakers and English Language Learners	Communication Disorders and Sciences	Dr. Angela Anthony	SP 16
Olivia Link	Effects of Perceived Environmental Hostility, Sense of Belonging & Perceived Discrimination on the Mental Health of Latino College Students	Psychology	Dr. Jeffrey Stowell	SP 16
Evan Olson	Investigation of GCPII Role in Folic Acid Metabolism	Chemistry	Dr. Gopal Periyannan	SP 16
Hannah Osborne	"Truly, it felt like year one": Gender, Religion, and Power Systems in Angela Carter's Bristol Trilogy	English	Dr. Robert Martininez	SP 16
Helen Prevka	"Something Magnificent Just out of Reach"	English	Dr. Randall Beebe	SP 16
William Reynolds	The Lefschetz Properties in Algebra, Combinatorics and Geometry	Mathematics and Computer Science	Dr. David Cook II	SP 16
Rui Silva	Does Transfer of Control Rights Following Debt Covenant Violation Affect Sticky Cost Behavior?	School of Business	Dr. Stu Sallehu	SP 16
Quentin Spannagel	Kennedy and China	History	Dr. Edmund Wehrle	SP 16
Rebecca Warfel	Effects of Instruction in Gordon's Theory of Audiation on Beginner Flute Students' Learning	Music	Dr. Danelle Larson	SP 16
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Cayla Wagner	Museum studies; Mary Lincoln	History	Dr. Bonnie Laughlin-Schultz	FA15
Ashley Samoska	Contemporary Works of British author Angela Carter	English	Dr. Marjorie Worthington	FA15
Amber Meyer	Preparation of Next Generation sunlight switchable materials	Chemistry	Dr. Kraig Wheeler	FA15
David Constantinescu	Investigate the phenomenon of "life without water" (anhydrobiosis)	Biological Sciences	Dr. Michael Menze	FA15
Courtney Sage	West German - US cultural exchange programs in the period after Allied occupation	History	Dr. Sace Elder	FA15
William Knoop	Financial Aid misused by individual not seeking a degree	Economics	Dr. Linda Ghent	FA15

GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Robert Skolik & Daniel Webster	Mechanisms of Anhydrobiosis in the Preservation of Eukaryotic Cells	Biological Sciences	Dr. Michael Menze	SU 15
Jacqueline Spaniol	Centnerzwer a Hundred Years Later: New Additions to an Old Story	Chemistry	Dr. Kraig Wheeler	SU 15
Ashley Donnel	Soil Microbial Control of Plant Performance: The Role of Dispersal and Disturbance	Biological Sciences	Dr. Scott Meiners	SU 15
Megan Kessler	Not Ladies, But Sisters: Roman Catholic Sister Nurses, Gender, and Domesticity in the American Civil War	History	Dr. Bonnie Laughlin-Schultz	SU 15
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Heather Lamb	Reveal to Me in Words the Mysteries of Spaceland: Decoding Mathematics Through the Narrative of Victorian Novels	English	Dr. Randall Beebe	SP 15
Emily McInerney	Passes, Petticoats and Propaganda: The Role of Female Spies along the New Jersey-New York frontier, 1775-1783	History	Dr. Charles Foy	SP 15
Joann Wakefield	The Effect of Biofeedback Training on One Repetition Maximum Bench Press Performance	Kinesiology and Sports Studies	Dr. Amber Shipherd	SP 15
Dylan Koeppen	Developing Laboratory Protocols to Better Simulate Field Exposed Rope Degradation	Technology	Dr. Isaac Slaven	SP 15
Savannah Kapper	Synthesis and Evaluation of Two Dye Molecules for Use in Dye-Sensitized (DSS) Cells	Chemistry	Dr. Mark McGuire	SP 15
Megan Schutzbach	Advances Towards Organizing Crystals by Molecular Shape	Chemistry	Dr. Kraig Wheeler	SP 15
Avery Allen	Sugar utilization by Clostridium scindens, a resident of the human gut microbiome	Biological Sciences	Dr. Steven Daniel	SP 15
David Constantinescu & Robert Skolik	Understanding Mechanisms of Late Embryogenesis Abundant Proteins	Biological Sciences	Dr. Michael Menze	SP 15
Katelyn Duckett	Isolation of Oxalobacter formigenes from the Gut of Laboratory Mice	Biological Sciences	Dr. Steven Daniel	SP 15
Colby Gerth	Shape Analysis of the Jaws in Two Minnow Species over Ontogeny	Biological Sciences	Dr. Anabela Maia	SP 15
Nicholas Smith	How ApoE4 Interacts with Estrogen to Cause Alzheimer's Disease?	Biological Sciences	Dr. Britto Nathan	SP 15
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
John Bays	State Centralization & the 17th Century Court: the Role of Royal Bastards in France & England	History	Dr. Newton Key	FA14
Stephany Fonseca	Quantifying the Effecs of Silica Inclusion on Knots in Life Safety Applications	Applied Engineering and Technology	Dr. Isaac Slaven	FA14
Bailey McClellan	Using Social Stories through PowerPoint with children with hearing impairments	Communication Disorders and Sciences	Dr. Angela Anthony	FA14
Megan Miller	The Relationship of Phonemic Awareness Skills and Narrative Skills in Preschools	Communication Disorders and Sciences	Ms. Nichole Mulvey	FA14
Megan Schutzbach	New Frontiers in Orrganizing Crystals by Molecular Shape	Chemistry	Dr. Kraig Wheeler	FA14
Robert Skolik	Desiccation Tolerance of AfrSMP	Biological Sciences	Dr. Michael Menze	FA14

GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
David Constantinescu	Effects of PsINP: Can We Utilize a Plant Pathogen to Understand Water Crystallization?	Biological Sciences	Dr. Michael Menze	SU14
Savannah Kapper	Ligand-Centered Absorptions as a Means of Enhancing the Visible Absorption Spectra of Ruthenium (II) Polypyridyl Complexes Used in Dye-Sensitized Solar Cells	Chemistry	Dr. Mark McGuire	SU14
Torey Leasher	State Unemployment Insurance Policies and Their Effects on the Unemployment Rate	Economics	Dr. Linda Ghent	SU14
Nicholas Smith	How ApoE4 Interacts with Estrogen to Cause Alzheimer's Disease?	Biological Sciences	Dr. Britto Nathan	SU14
Erica Webster	Glucose Metabolism in Caulobacter Crescentus: Confirmation of Entner-Doudoroff Pathway Enzyme Functions	Chemistry	Dr. Gopal Periyannan	SU14
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Clinton Belott	Synergistic Cancer Treatment	Biological Sciences	Dr. Michael Menze	SP14
Laura Dalla Costa	Are PITX1 and TIMP1 Master Regulators of Liver Function?	Biological Sciences	Dr. Gary Bulla	SP14
Megan Dandurand	Nighmares and School-Aged Children	Psychology	Dr. Margaret Floress	SP14
Rachel Dorris	Generation and Structural Determination of Bromide Anion… Acetylene Molecule Cluster using Microwave Spectroscopy	Chemisty	Dr. Rebecca Peebles	SP14
Caitlin Garstkiewicz	The Effects of Physical Attractiveness on an Individual's Mental Illness Symptoms	Psychology	Dr. Jeffrey Stowell	SP14
Tim Geiselman	How Personality Influences the Relationship between Intensity of Facebook Usse and Well-Being	Psychology	Dr. Ronan Bernas	SP14
Anna Herzberger	The role of soil microbial communities in regulating the success of prairie restorations	Biological Sciences	Dr. Scott Meiners	SP14
Rebecca Hunt	Bilingual narrative assessment: Evaluation of the Kindergarten Language Benchmark Assessment in Spanish-English children	CDS	Dr. Angela Anthony	SP14
Megan Laffoon	The Chemical Modificaiton of MitoNEET	Chemistry	Dr. Mary Konkle	SP14
Ashley Lamb	Attentional Effects on Memory for Emotional Faces and Events	Psychology	Dr. Jeffrey Stowell	SP14
Olga Livshits	Synthesis of Phenylpropynal Semicarbazone to Enhance Color Switching	Chemistry	Dr. Edward Treadwell	SP14
Jill Monroe	Women Readers in the Works of Virginia Woolf	English	Dr. Ruth Hoberman	SP14
Patrick Revallo	Overexpressioni of Human GCPII Homolog from Caenorhabditis elegans and Development of a GCPII Nanodisc Model	Chemistry	Dr. Gopal Periyannan	SP14
Megan Schutzbach	Thiamine Photodamage Mimics	Chemistry	Dr. Kraig Wheeler	SP14
Mark Stanford	George Rogers Clark's Illinois Campaign	History	Dr. Charles Foy	SP14
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Alexandra Beetz	The Two Mrs. Brundages: American Women Illustrators	Art	Dr. Mary Simpson	FA13
Kyle Dombroski	The Effect of Listening to Music on Extraverted and Introverted Students While Performing College Level Cognitive Tasks	Psychology	Dr. Ronan Bernas	FA13
Jessica Phillips	The Long Term Effects of a Communication Partner Training Program	Communication Disorders and Sciences	Ms. Trina Becker	FA13
Benjamin Poznic	Taking the Heat: The Possible Role of LEA Protesins in Preventing Cell Suicide in Genetically-Engineered Human Kidney Cells	Biological Sciences	Dr. Michael Menze	FA13
Landry Umbu	Cloning, Overexpression and Characterization of the Membrane Transporter OprB from Caulobacter crescentus	Chemistry	Dr. Gopal Periyannan	FA13
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE

Brittany Carver	Victorian Female Spies and the Penny-Dreadful	English	Dr. Dagni Bredesen	SU13
Nicolas Ferry	Type-2 Diabetes: Does MitoNEET Impact Mitochondrial and Catalase Functions by Multiple Mechanisms?	Chemistry	Dr. Michael Menze	SU13
Blake Stokich	Improving Long Term Storage of Mammalian Cells	Chemistry	Dr. Michael Menze	SU13
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Jessica Berlinghof	Assessing Adaptive Sleep Habits in Young Children	Psychology	Dr. Margaret Floress	SP13
Karissa Genenbacher	Executive Functions as Rated by Teachers in Preschool Children with Language Impairment and Typical Language Skills	Communication Disorders and Sciences	Ms. Jill Fahy	SP13
Iwo Gross	Assessing and alleviating the negative effects of vehicle access on a snake community within a sate park	Biological Sciences	Dr. Stephen Mullin	SP13
Meredith Healy	A Comparison of Intervention Appraches Using the iPad	Communication Disorders and Sciences	Ms. Lynn Calvert	SP13
Chengdong Hu	Investigating the Local Biomass Resources for Sustainable Energy	School of Technology	Dr. Jerry Cloward	SP13
Logan Hurst	Xylan Degradation and Membrane Transport by Caulobacter crescentus	Chemistry	Dr. Gopal Periyannan	SP13
Savannah Kapper	Synthesis and Evaluation of a New Dye Molecule for Use in Dye-Sensitized Solar (DSS) Cells	Chemistry	Dr. Mark McGuire	SP13
Olga Livshits	Altering Light Switches by Modifying the Nitrogen Group in Cinnamaldehyde Semicarbazone	Chemistry	Dr. Edward Treadwell	SP13
Kristina Pourtabib	The Road Less Traveled: Explosive Primitive Flank Eruptions	Geology/Geography	Dr. Elisabet Head	SP13
Johnathan Ritchie	Explaining the Role Mindfulness Plays in Fostering Pro-Environmental Concerns	Psychology Department	Dr. Ronan Bernas	SP13
Emily Scarbrough	The Illinois Suffrage Battle	History	Dr. Lynne Curry	SP13
Sarah Schlund	Puccinia marlae-wilsonlae and Claytonia virginica: A pathogen's tale	Biological Sciences	Dr. Andrew Methven	SP13
Elizabeth Schroeder	Aggression in Play based Assessments	Psychology	Dr. Margaret Floress	SP13
Clare Smith	Seventeenth-Century Perceptions of the Henrician Reformation in Popular History	History	Dr. Newton Key	SP13
Patrick Snyder	Electrochemical alterations effect on Strontium Titanate	Chemistry	Dr. Svetlana Mitrovski	SP13
Megan Tredway	Cognitive Aspects of Stuttering	Communication Disorders and Sciences	Dr. Brenda Wilson	SP13
Nathan Ulrich	A Novel Approach for the Characterization of Unstable Ionic Species, Using Fourier Transform Microwave Spectroscopy and a Germion Emission Source	Chemistry	Dr. Sean Peebles	SP13
Suzanne Walker	Characterization of the B-Ketoadoipate Pathway in Caulobacter crescentus: Secrets of Pollutant Organic Compound Degradation	Chemistry	Dr. Gopal Periyannan	SP13
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Kelsey Batson/Erin McElroy	Assessing Academic Potential in College students: The Academic Maturity Scale	Psychology	Dr. William Addison	FA12
Nathan Camp	Life in Hot Waters: Live Fast and Die Young	Biological Sciences	Dr. Michael Menze	FA12
Williiam Fernandez	HNE and Estrogen: A Power Struggle	Biological Sciences	Dr. Michael Menze	FA12
Caitlin Maxheimer	A Multisensory Approach for Improving Speech Intelligibility	Communication Disorders and Sciences	Ms. Jean Smitley	FA12

Ethan Stephenson	Portrayals of the Nineteenth Century British Detective in Society and Fiction: A Study of Andrew Forrestor Jr.'s The Female Detective and Revelations of a Private Detective	English	Dr. Dagni Bredesen	FA12
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Olivia Barbee	Constraining Vent Sources at the Toba Caldera, Sumatra, Indonesia	Geology/Geography	Dr. Craig Chesner	SU12
Nicholas Canaday	The Poems of El Clamor Publico	English/Spanish	Dr. Christopher Hanlon	SU12
Logan Erbacher	Targeting Alzheimer's: Discovering Mitochondrial Protein Targets of Oxidative Stress	Chemistry	Dr. Mary Konkle	SU12
Matthew Marunde	Lessons Learned from Nature: Can We Engineer Life without Water?	Biological Sciences	Dr. Michael Menze	SU12
Benjamin Mehl	Synthesis and Characterization of Unique Metal-Carbene Complexes	Chemistry	Dr. Radu Semeniuc	SU12
Jacob Moore	Cloning and Overexpression of GCPII Metalloprotein from Caenorhabditis elegans	Chemistry	Dr. Gopal Periyannan	SU12
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Jenna Annis	Evaluating seed ecology of federally threatened Pinguicula ionantha (Godfrey's Butterwort)	Biological Sciences	Dr. Janice Coons	SP12
Brittany Cole	Overall Acceptability and Preference of a Self-Developed Vanilla Oral Nutritional Supplement	FCS	Dr. Melanie Burns	SP12
John Deku	The Relationship Between Buddhist Concept of Non-Attachment and Well-Being	Psychology	Dr. Ronan Bernas	SP12
Lena Elmuti	Generation and Analysis of Free Radicals and Gas Phase Ions using High Resolution Chirped-Pulse Fourier Transform Microwave Spectroscopy	Chemistry	Dr. Rebecca Peebles	SP12
Logan Erbacher	Targeting Alzheimer's Disease: Discovering Mitochondrial Protein Targets of Oxidative Stress	Chemistry	Dr. Mary Konkle	SP12
Jeffrey Kurkewich	Impacts of Wolbachia infections on the Reproduction of Two Callirhytis Species in Central Illinois	Biological Sciences	Dr. Zhiwei Liu	SP12
Tyler Linder	Computational Near Earth Asteroid Search	Physics	Dr. Jie Zou	SP12
Matthew Marunde	Life without Water: Do Late Embryogenesis Abundant (LEA) proteins preserve mitochondrial functions?	Biological Sciences	Dr. Michael Menze	SP12
Jennifer O'Brien	Enhancing Seed Germination and Determining the Seed Bank of the Federally Threatened Scutellaria floridana	Biological Sciences	Dr. Janice Coons	SP12
Morgan Roberts	Purification and Alteration of Feredoxin from Toluene Dioxygenase Complex	Chemistry	Dr. Mary Konkle	SP12
Jacob Smith	Infinite Intrusion: Solipsism and David Foster Wallace's Authorial Objectivity in The Pale King	English	Dr. Marjorie Worthington	SP12
Patrick Snyder	Signal Interpretation of nanocantilever-based biosensors	Physics	Dr. Amitabh Joshi	SP12

Hannah Tanquary	Computer Simulations of Wetting for Materials of Varying Wettabilities: An Application of Monte Carlo Simulation	Physics	Dr. Jie Zou	SP12
Erin Williams	Help-seeking and stressors among LGBT college students in rural and non-rural settings	Psychology	Dr. Caridad Brito	SP12
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Iwo Gross	Linking Water qualty, body condition, parasitism, and limbs deformities in a pond-breeding salamander (Caudata: Ambystoma)	Biological Sciences	Dr. Stephen J. Mullin	FA11
Joshua M. Smith	The Growth History of Quartz Crystals from the Youngest Toba Tuff, Sumatra, Indonesia	Geology/Geography	Dr. Craig Chesner	FA11
Elizabeth J. Surbeck	Cross-Cultural Issues in Contemporary Graphic Novels	English	Dr. Stephen Swords	FA11
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Lena Elmuti & William Fernandez	Sex and Power: Does Estrogen Control Energy Production in Alzheimer's Disease?	Biological Sciences	Dr. Michael Menze & Dr. Britto Nathan	SU11
Shelly Hanson	A New Way to Learn: Museum Theatre	Theatre Arts	Dr. Jean Wolski	SU11
Jennifer Hindes	Voices: Poetic Interpretation of Women's Lives	English	Dr. Olga Abella	SU11
Jonathan Jones	Quantum Computing Using Josephson Junctions	Physics	Dr. Amitabh Joshi	SU11
Andrew R. Kunz	Palladium and silver modified perovskite thin-films for fuel cell catalysis	Chemistry	Dr. Svetlana Mitrovski	SU11
Sarah Lambeth	Integration of Language and Executive Function Measures	Communication Disorders and Sciences	Mrs. Jill Fahy & Dr. Rebecca Throneburg	SU11
Brandon Martin	Biodegradation of Organic Pollutants by Caulobacter crescentus	Chemistry	Dr. Gopal R. Periyannan	SU11
Alexander Meadows	Computational Study of the Thermal Properties of Nanofluids	Physics	Dr. Jie Zou	SU11
Gerald Presley	Proteomic and Genomic characterization of xylan metabolism by Caulobacter crescentus	Chemistry	Dr. Gopal R. Periyannan	SU11
Keith Stewart	19th Century Socio-economic Distinctions in England's Footpath System: An In-depth Look at Isaac's Tea Trail	English	Dr. Richard Sylvia	SU11
Jill Vogt	Assessment of Skills Related to /r/ Speech Productions	Communication Disorders and Sciences	Dr. Rebecca Throneburg & Mrs. Beth Bergstrom	SU11
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Katelyn Benhoff	The Effects of Victim Sex and Participant Sex on Attitudes Toward Rape Victims	Psychology	Dr. Anu Sharma	SP11
Amanda M. Clevinger	A Model for Predicting Statistics Anxiety in College Students	Psychology	Dr. William Addison	SP11
Stephanie Fanale	Awareness of Deficits in Persons with Traumatic Brain Injury	Communication Disorders and Sciences	Dr. Brenda Wilson	SP11
Samantha Flowers	Designing and Testing PCR Primers for nifH in an Acidophilic Community	Biological Sciences	Dr. Kai F. Hung	SP11
Matthew Payea	Identification of Tat-Pathway Transporters and Their Substrates in Caulobacter crescentus	Chemistry	Dr. Gopal R. Periyannan	SP11
Gerald Presley	TonB-Dependant Transporter Knockout and Substrate Utilization in Caulobacter crescentus: A Novel Target for Antibiotics	Chemistry	Dr. Gopal R. Periyannan	SP11
Kristen Schaibly	Smallpox Inoculations and Race Relations in the United States	English	Dr. Charles Wharram	SP11
Kaylin Smith	Impact of prebiotics on growth and bile acid metabolism by Clostridium hylemonae	Biological Sciences	Dr. Steven Daniel	SP11
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Erin Berry	The Hubris of the Self and the Tendency to Underestimate One's Negative Behaviors	Psychology	Dr. William Addison	FA10

Cara Fumagalli	Strategic public relations in the childhood obesity debate: Pediatrics interest groups vs. Coca-Cola	Communication Studies	Dr. Sherry Holladay	FA10
Shelly Hanson	History and Politics behind "Translations" by Brian Friel	Theatre Arts	Dr. Chris Mitchell	FA10
Andrew R. Kunz	Nanostructured materials for energy conversion	Chemistry	Dr. Svetlana Mitrovski	FA10
Jacquelyn Liesen	The Relationship between Language Skills and Executive Functions in School Age Children	Communication Disorders and Sciences	Dr. Rebecca Throneburg and Ms. Jill Fahy	FA10
Alexander Meadows	Computer Simulations of the Operation of an Atomic Force Microscope (AFM) and a Scanning Thermal Microscope (SThM)	Physics	Dr. Jie Zou	FA10
Josh Wiseman	Crystal Reactivity of cinnamylsulfonamides	Chemistry	Dr. Kraig Wheeler	FA10
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Daniel Cassidy	Effect of 8-Cyclopentyl-1, 3-dipropylxanthine (DPCPX) on Heart Rate in Newborn Rats	Biological Sciences	Dr. Kip McGilliard	SU10
Bradley Daugherty	Archival Record of Rare and Unusual Plants in Whiteside Garden	Biological Sciences	Dr. Janice M. Coons and Ms. Nancy E. Coutant	SU10
Leigha Graham	Treating /R/ with technology: The use of telehealth and visual spectrographic feedback	Communication Disorders and Sciences	Ms. Beth Bergstrom and Dr. Rebecca Throneburg	SU10
Steve Gratkins	Effects of Caffeine on Endurance Running Performance	Kinesiology	Dr. Phyllis Croisant	SU10
Benjamin A. III	Clubbing on the Chesapeake: The Anglo-American Associational World, 1720-1760	History	Dr. Charles Foy and Dr. Newton Key	SU10
Brandon Schawel	Contemporary Painting in Leipzig from a Young American artist's Perspective	Art	Mr. Robert Horvath	SU10
Emily Sheehan	Investigation of the Status of Women by Country Using Established Indices	Geography	Dr. Vince Gutowski	SU10
Maegan Walsh	Examining Teachers' Knowledge of and Methods for Teaching Elementary Students' Curricula on Christopher Columbus	Elementary Education	Dr. John H. Bickford III	SU10
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Brett Buchanan	Self-Compassion as a Moderator of the Relationship Between a Dialectical Self and Subjective Well-Being	Psychology	Dr. Ronan Bernas	SP10
Samantha Flowers	Using PCR Amplification to Investigate Nitrogen Fixation in a Novel Acidophilic Community	Biological Sciences	Dr. Kai F. Hung	SP10
Stacy Fortin	Exploring the photochromicity of cinnamaldehyde semicarbazones	Chemistry	Dr. Edward Treadwell	SP10

Mara Hampton	Maintenance of Gains from Phonological Awareness Interventions in Language Impaired Preschoolers	CDS	Dr. Tina Veale	SP10
Joshua Hawkins	EPR Paradox and its Implication on Quantum Computing	Physics	Dr. Joshi	SP10
Kathryn Henderson	Relationships Between Three Different FCBN Diets and Depression and Disordered Eating in College Students	Psychology	Dr. Amy Brausch	SP10
Ayaka Hisanaga	Parent-child relationship and its effect on risk of suicidal attempts in college students	Psychology	Dr. Amy Brausch	SP10
Caroline Larson	Effects of Clicker5 Literacy Software Program on Oral and Written Language Skills	CDS	Dr. Rebecca Throneburg	SP10
Andrew Luttrell	The Effects of Need for Cognition and Need for Cognitive Closure on Attitude Polarization and Consideration of Mixed Evidence During a Critical Thinking Task	Psychology	Dr. Ronan Bernas	SP10
Matthew Payea	Proteomic and Metabolomic Investigation of Polysaccharide Metabolism by Caulobacter crescentus	Chemistry	Dr. Gopal R. Periyannan	SP10
Kathleen Trainor	Relationship Between Preschool Executive Function Skills and Oral Narrative Skills	CDS	Dr. Rebecca Throneburg/Ms. Jill Fahy	SP10
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Dan Cassidy	Effects of Caffeine on Heart Rate in Newborn Rats	Biological Sciences	Dr. Kip McGilliard	FA09
Michael Chastain	A Detailed Study of the Kinetic Theory of Real Gases by Computer Simulations	Physics	Dr. Jie Zou	FA09
Jessica Dwiggins	Developing the ambiguous corporation: Managing conflicting product identities	Communication Studies	Dr. Matthew Gill	FA09
Leslie Godwin	Assessing the Validity of the Academic Maturity Scale	Psychology	Dr. William Addison	FA09
Anna Larkin	An Investigation into Land Use and Property Values in the University Influence Zone	Geography	Dr. Vince Gutowski	FA09
Cassandra Ledvina	Differentiating Learning Disabled, Normal, and Gifted Students with the Learning Behaviors Scale	Psychology	Dr. Gary L. Canivez	FA09
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Andrew Bolokowicz	Overexpression of Human GCP ii homolog from Caenorhabditis briggsae	Chemistry	Dr. Gopal R. Periyannan	SU09
James Buckwalter	Shipboard Insurrections, the British Government and Anglo-American Society in the Early 18th Century	History	Dr. Charles Foy	SU09
Kelsey Depew	Inferencing Abilities of children with Autism	CDS	Dr. Tina Veale	SU09
Stephani Pescitelli	Biodegradation of Paper Waste by Two Mushroom Species	Biological Sciences	Dr. Andrew Methven	SU09
Bryan Rolfsen	A Survey of Parasite (ammunities in Pen-raised Bobwhite Quail (colinus virginianus) in East Central Illinois	Biological Sciences	Dr. Jeff Laursen	SU09
Amanda Veale	Contemporary Poets of the United Kingdom in Dialogue: National Landscape and Poetic Identity Interviews with Gillian Clarke, Medbh McGuckian, Edwin Morgan, Paul Farley, and Denise Riley	English	Dr. Ruth Hoberman (Chief Sponsor) & Dr. Richard Sylvia (Co-Sponsor)	SU09
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Sarita Desai	Parental Perspectives: A Qualitative Study on Transition Planning for Students with Autism Spectrum Disorders	Psychology	Dr. Linda Leal	SP09
Megan R. France	Phosphodiesters as Cryoprotectants in the leopard frog (Rana pipiens)	Biological Sciences	Dr. Marina Marjanovic	SP09

Hannah Franz	College Drinking Behaviors and Parenting Style: The Mediating Roles of Self-regulation and Need to Conform	Psychology	Dr. Shannon Rauch	SP09
Dennis E. Lewis	Painting of figure, focusing on color and form	Arts & Humanities	Dr. Ann Coddington	SP09
Ryan Pezold	Dialectical Thinking as a Predictor of Religious Maturity, Political Attitude, and Moral Judgment	Psychology	Dr. Ronan Bernas	SP09
Daniel Rolando	A Collaborative study on the hiring practices of rural area employers: An examination of the effects of online information	Economics	Dr. Linda S. Ghent	SP09
Timothy Russell	Development of Protein Instability Index (PII) Calculator	Chemistry	Dr. Gopal R. Periyannan	SP09
Justin Schuch	Resisting Hegemonic Ideologies: Rhetoric, Same-Sex Marriage, and the Gay Rights Movement	Communication Studies	Dr. Suzanne Enck-Wanzer	SP09
Bradley Sliz	A Molecular Dyanmics Approach to Multi-Body Planetary Motion: A Computer Simulation of Our Solar System	Physics/Pre-Engineering	Dr. Jie Zou	SP09
Molly VanDeursen	Cyber Bullying: The Relationship between Self-Esteem, Exposure, and Negative Online Behavior	Psychology	Dr. Shannon Rauch	SP09
Daniela Vasquez	Structural Stability of Horseradish Peroxidase	Chemistry	Dr. Scott Tremain	SP09
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Suzanne Krahn	Crystallization History of Quartz Crystals from the 74,000 b.p. Toba erutption	Geology	Dr. Craig Chesner	FA08
Scott Murray	Sexual Syndicalism: An Anarchist Critique of Prositution Advocacy Rhetoric	Communication Studies	Dr. Suzanne Enck-Wanzer	FA08
Ashley Nolan	Seynt Mergrete: A Transcription and Translation from the Middle English Auchileck Manuscript	English	Dr. Timothy Shonk	FA08
Ryan Pezold	The Relationship Between Academic Maturity and Academic Success	Psychology	Dr. William Addison	FA08
Amanda Veale	May Sinclair's Doctors	English	Dr. Ruth Hoberman	FA08
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Rebecca Grove	Redefining Molecular Recognition Through Quasiracemates	Chemistry	Dr. Kraig Wheeler	SU08
Mallory Holle	Content Analysis of Environmental Advertising Claims: An Exploratory Study in Germany	Marketing	Dr. Marko Grunhagen	SU08
R. Timothy Hopper	A GPS/GIS Analysis of Urban Streetlight Efficiency and Spartial Distribution	Geography/Geology	Dr. Vince Gutowski	SU08
Asuka Nakano	Pharmaceutical Factory on a Chip: Electrochemical Synthesis of Non-Steriodal Anti-inflammatory Drugs	Chemisty	Dr. Svetlana Mitrovski	SU08
BreAnne Stillwell	Access to Universal Health Care: Examining Perceived Health Disparities Among Developed Nations	Health Studies	Dr. Julie Dietz	SU08
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Brandi Butler	The Role of Self-Compassion in College Students' Academic Doubts and Anxieties	Psychology	Dr. Ronan Bernas	SP08
Charles Coleman	Cognitive Traits and Adherence to Religious Belifes and Commitments	Psychology	Dr. Ronan Bernas	SP08
Dan Cotter	In Whose Honor? Protesting Native American Mascots	Communication Studies	Dr. Angela Aguayo	SP08
Michele Diess and Zofia Przybysz	Attitudes about Mental Illness and Help-Seeking in American and Spanish College Students	Psychology	Dr. Anu Sharma	SP08
Megan France	Phosphodiesters as Cryoprotectants in Wood frog (Rana Sylvatica)	Biological Sciences	Dr. Marina Marjanovic	SP08
Christopher Houchens	Translator Prefacesin the Eigthteenth Century	English	Dr. C.C. Wharram	SP08

Kimberly Melvin	How Type of Relationship With God, Type of Prayer, and Religious Orientation Predict Subjective Well-Being	Psychology	Dr. Ronan Bernas	SP08
Amanda Padgitt	The Effects of Outcome Expectations and Background Music on Time Perception	Psychology	Dr. Caridad Brito	SP08
Daniel Rolando	A Microscopic Study and Comupter Visualization of the Random Walk of Gas Molecules: An Application of Molecular Dynamics	Physics	Dr. Jie Zou	SP08
Maggie Sullivan	Television Viewing and Suggestibility: Impact on Attitudes Toward the Legal System	Psychology	Dr. Anu Sharma	SP08
Shelley Wayman	Genetic Structure of Chickadees in an Illinois Contact Zone	Biological Sciences	Dr. Eric Bollinger	SP08
Tara Whippo	An Investigation into the Relationship of Shelterbelts to Farm Size: East Central Illinois, 1940-2005	Geology	Dr. Vince Gutowski	SP08
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Jodi Dyke	The Use of Phonological Awareness Intervention with Language Impaired Children	Communication Disorders and Sciences	Dr. Tina Veale	FA07
Amanda Hance	Respiratory Effects of Propyxanthine on Newborn Rats	Biological Sciences	Dr. Kip McGilliard	FA07
Laura Lienhop	Structural Stabilities of Heme Proteins Determined by Thermal Unfolding	Chemistry	Dr. Scott Tremain	FA07
Timothy Russell	Cloning, Overexpression of a Membrane Metalloprotein from the Yeast Schizosacchromyces pombe	Chemistry	Dr. Gopal Periyannan	FA07
Dana Wyant	Choose of Lose Campaign Gay Rights Commercials	Communication Studies	Dr. Angela Aguayo	FA07
Ashleigh Zumwalt	Written Discourse Performance of Normal Adolescents with Increased Cognitive Demands	Communication Disorders and Sciences	Dr. Brenda Wilson	FA07
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Meghan Breen	Exploring the Influence of Molecular Shape to Crystal Packing	Chemistry	Dr. Kraig Wheeler	SU07
Ryan D'Arcy	Westfield College: The Effects of the Rise Functioning and Decline of a Local College on a Small Town	History	Dr. Debra Reid	SU07
Amanda Steber	The Effects of Habitat Fragmentation on Darter Species	Biological Sciences	Dr. Robert Fischer	SU07
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Amanda Cole	The Relationship Between the Development of Wisodom and Emotional Functioning	Psychology	Dr. Ronan Bernas	SP07
Emily Craig	Actual Versus Desired Body Size: Comparing the Role of Fathers, Mothers, Male Peers, and Female Peers in Young Adult Eating Behaviors	Psychology	Dr. Daneen Deptula	SP07
Ashley Eichorst	Comprehension of Prosody by Children with Language Disorders	Communication Disorders and Sciences	Dr. Gail Richard	SP07
Rachel Ens	A Melt Inclusion Study of the 500,000 bp and 830,000 bp Toba Caldrea Eruptions	Geology	Dr. Craig Chesner	SP07
Keith Frederich	American Nativism: The Renewal of the Radical Right	History	Dr. Jonathan Coit	SP07
Margaret Hamper	The New Woman's Drug in The House of Mirth	English	Dr. Christopher Hanlon	SP07
Amanda Hance	Respiratory Effects of 1-propylxanthine on Newborn Rats	Biological Sciences	Dr. Kip McGilliard	SP07
Stephanie Loy	Isolation and Identifcation of Microorganisms Growing on Used Contact Lenses	Biological Sciences	Dr. James McGaughey	SP07

BreAnne Nott	The Influence of Chemical Defenses on Community Dynamics and Population Patterns	Biological Sciences	Dr. Scott Meiners	SP07
Amanda Steber	A Study of Chloroflourocarbons in the Atmosphere	Chemistry	Dr. Rebecca Peebles	SP07
Matt Unterfenger	Measuring the structural stability of zinc cytochrome c using fluorescence spectroscopy	Chemistry	Dr. Scott Tremain	SP07
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Andrea Brockman	Feminizing Violence: The Femme Fatale in Charlotte Dacre's Gothic Novels	English	Dr. Randall Beebe	FA06
Amy Marie Bouy	Birth Order and Siblings: Effects on Athletics, Fine Arts, and Academics	Psychology	Dr. Daneen Deptula	FA06
C. Alan Doughty	Charles Brockden Brown: Freud before His Time	English	Dr. Angela Vietto	FA06
Sarah Maurer	Social Disadvantage and Child and Family Resilience in South Africa	FCS	Dr. Frances Murphy/Dr. Lisa Taylor	FA06
Chris Richardson	Heat Conduction in Nano-Scale Aluminum Nitride/Gallium Nitride/Aluminum Nitride Hetero-Structures	Physics	Dr. Jie Zou	FA06
Matt Unterfenger	Measuring the structural stability of zinc cytochrome c using fluorescence spectroscopy	Chemistry	Dr. Scott Tremain	FA06
Kelly Wodtka	Knowledge, Attitudes, and Behaviors Related to the Roles of Nutrition in Cancer Prevention and Treatment	FCS	Dr. Melanie Burns	FA06
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Joshua Bland	Determination of Chiral Center (3-D Shape) in Tremulacin, a Defensive Compound in Trees	Chemistry	Dr. Edward Trendwell	SU06
Kyle Bullifin	Evaluation of the Effectiveness of a Streambank Stabilization Project	Geography/Geology	Dr. Vincent Gutowski	SU06
Mieko Fujiura	Beyond the Louvre: Finding Contemporary Art in Paris	Art History	Dr. Janet Marquardt	SU06
Lewis Ross Lancaster	Flows on Cone Manifolds	Mathematics	Dr. Charles Delman	SU06
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Kristina Allen	Traditional Scheduling versus Block Scheduling in the School Setting for Articulation Treatment	CDS	Dr. Rebecca Throneburg/Ms. Lynn Calvert	SP06
Timothy Buhnerkempe	Colonization of Newly Created Wetlands by Amphibian Communities	Biological Sciences	Dr. Steven Mullin	SP06
Robert Caveny	Investigating the distribution of mink (Mustela vison) using floating rafts	Biological Sciences	Dr. Thomas A. Nelson	SP06
Robyn Carswell	Fabians, Labourites, Liberals, and Political Infighting: the Case of H.G. Wells	History	Dr. Michael Shirley	SP06
Elin Grissom	The Impact of Apolipoprotein E on Visual Learning Ability in Mice	Psychology	Dr. Jeffrey Stowell	SP06
Aaron Lineberry	Prediction of the Crystal Structures of Organic Quasiracemates	Chemistry	Dr. Kraig Wheeler	SP06
Rachel Meek	Adaptive significance of aberrant song in chickadees in Illinois	Biological Sciences	Dr. Eric Bollinger	SP06
Jennifer Shaffer	The Relationship Between Moral Development and Bullying in Parochial School Students	Psychology	Dr. Anu Sharma	SP06
Shannon Tadel	Comparing Allele Type and Number for Wild Type and Captive Anastrepha suspensa	Biological Sciences	Dr. Ann Fritz	SP06
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Ryan Berger	Incumbent "Political Elite" in Illinois Government	Political Science	Dr. Melinda Mueller	FA05
Ashley Clark	Adolescent cigarette smoking: An examination of parenting styles, attitudes and communication	Psychology	Dr. Daneen Deptula	FA05

Jessica Kathleen Gerfen	Comorbidity of obsessive-compulsive, body dysmorphic, and eating disorder traits in an adolescent sample	Psychology	Dr. Daneen Deptula	FA05
Stephanie Hoveln	Peer influence on academic motivation	Psychology	Dr. Daneen Deptula	FA05
Xavier Lange	Numerical Simulation of Thermal Conductivity in Nano-Scale Silicon Thin Films	Physics/Pre-Engineering	Dr. Jie Zou	FA05
Minelia Miravete	Effects of Caffeine on Neonatal Rat Behavior	Biological Sciences	Dr. Kip McGilliard	FA05
Margaret Pedziwiatr	The Use of Social Stories to Modify Inappropriate Social Behavior	CDS	Dr. Gail J. Richard	FA05
Whitney Sturm	Computer Based Speech Perception Training for a Child with Hearing Aids	CDS	Dr. Rebecca Throneburg/ Ms. Lynn Wilkerson	FA05
Heather Stice	Gall Wasps	Biological Sciences	Dr. Zhiwei Liu	FA05
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Tether A. Campbell	Culture of Latin America in the Modern Times: Festivals, Foods, Art, and Dance	Foreign Language	Dr. Carlos Amaya	SU05
Vincent P. Hustad	Dung-Loving Species of Coprinus in East-Central Illinois	Biological Sciences	Dr. Andrew Methven	SU05
Katrina Kappes	The Correlation between Piano Construction and the History of Temperament	Music	Dr. Peter Loewen	SU05
Jesse Pfammatter	Contact Pheromones in Japanese Beetles (Popillia japonica Newman)	Biological Sciences	Dr. Paul Switzer	SU05
Sarah Wagner	A Comparative Study of the Relationship between Log Jams and Flooding on the Embarras River	Geology/Geography	Dr. Vincent Gutowski	SU05
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Saifur Rahman Bhuiyan	"The Necessity and Effectiveness of Implementing and Incorporating Enterprise Resource Planning Software into the Business Cirriculum"	School of Business	Dr. John Willems	SP 05
Edward J. Browne	"Alternative Fuel Vehicle"	School of Technology	Dr. Sam Guccione/ Dr. Tom Waskom	SP 05
Michael Cuddy	"Effects of Hydration on the Amino Acid Compostition of Tarantula Silk"	Chemistry	Dr. Barbara Lawrence	SP 05
Craig Feigenbaum	"Mate Choice in Fairy Shrimp Eubranchipus neglectus"	Biological Sciences	Dr. Paul Switzer	SP 05
Laura Hankins	"The Effect of ADHD Diagnosis on Teacher Expectations"	Psychology	Dr. HaileMariam	SP 05
Jennifer Lampley	"Seasonality and Phototherapy"	Psychology	Dr. Jeff Stowell	SP 05
Kimberly Metz	"Effects of 1-Propylxanthine on Respiration in Newborn Rats"	Biological Sciences	Dr. Kip L. McGillard	SP 05
K. Lenee Moseley	"A Comparison of Habitual Pitch and Derived Optimum in Normal Speakers"	CDS	Dr. Frank Goldacker /Rebecca Throneburg	SP 05
Marcus Nichols	"Stream Bank Erosion Comparison of Flood-regulated and Free-flowing River Systems"	Geology/Geography	Dr. Vincent Gutowski	SP 05
Jennifer Roden	"Synthesis, Purification, and Electrochemical Characterization of a Compound for use in an Artificial Photosynthetic Device"	Chemistry	Dr. Mark E. McGuire	SP 05
Meghan Tibbs	"Den-Site Selection by Raccoons (prcyon Lotor) in East Central Illinois"	Biological Sciences	Dr. Thomas A. Nelson	SP 05
Bret Ryan Van Ausdall	"The Study of Phosphorous Exchange"	Chemistry	Dr. Richard L. Keiter	SP 05

GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Krishna Ignalaga	"What causes immigration? A Comparitive Analysis"	Political Science	Dr. Steven Roper	SU 04
Meredyth Dawn Lovell	"Structure and function in the sodium pump: Is the functional pump one molecule or two?"	Biological Sciences	Dr. Charles Costa	SU 04
April McDonnell	"Influence of stem cutting and glyphosphate treatment on Lonicera maackii, an exotic species, on stem regrowth and native species richness"	Biological Sciences	Dr. Henry Owen	SU 04
Amanda Poettker	"Assessment of Communication Improvement after Neurofeedback Therapy"	Communication Disorders and Sciences	Dr. Brenda Wilson	SU 04
Whitney Puzey	"Density Visualization"	Chemistry	Dr. Richard Keiter	SU 04
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Jeremy Carlson	"Mechanisms of Freeze Avoidance in Eggs of the Naked Dragonfish (Gymnodraco acuticeps) and Frostfish (Microgadus Tomcod)	Biological Sciences	Dr. Marina Marjanovic	FA 04
Casey Cuttill	"Friendship Stability and Friendship and Friendship Quality: Association with Smoking Status"	Psychology	Dr. Daneen Deptula	FA 04
Sally Craig	"The Effect of Childhood Social Anxiety on Friendship Perceptions"	Psychology	Dr. Daneen Deptula	FA 04
Krystal Hering	"Poetry for the Eye: A Study of Blake's Illuminated Technique"	English	Dr. Randall Beebe	FA 04
Cassandra Marie Martin	"The Influence of Sex Ratio on Male Homosexual Behavior in Tribolium castaneum"	Biological Sciences	Dr. Paul Switzer	FA 04
Kimberly J. Nation	"Peer Pressure to Drink: Comparison of Two Measures of Popularity"	Psychology	Dr. Daneen Deptula	FA 04
Heather Robinson	"Dance as a Structure and Metaphor In Jane Austen's Pride and Prejudice"	English	Dr. Randall Beebe	FA 04
Melissa Sikich	"Orientation of Juvenile Spotted Salamanders Following the Salvage of a Threatened Population"	Biological Sciences	Dr. Steven Mullin	FA 04

GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Andre Llaveria Couto	"Cross-cultural Gender Differences in Jealousy"	Psychology	Dr. Steven Scher	SP 04
Justin Florey	"Generating a Frog Atlas for the State of Illinois"	Biological Sciences	Dr. Stephen Mullin	SP 04
James Gorny	"Mineralogical Identification and Analysis of Anasazi Pottery Shards from Southwest Colorado"	Geology/Geography	Dr. Vincent Gutowski	SP 04
Bridget Hellwig	"An X-ray Diffraction Mineralogical Study of Rocks From the San Miguel Volcano, El Salvador"	Geology/Geography	Dr. Craig Chesner	SP 04
Krishna Ignalaga	"Brain Drain: Immigration and its Effects on Democracy"	Political Science	Dr. Steven Roper	SP 04
Anna Kane	"Chiral Transfer Reactions of Nonracemic 1.3-dioxolane-based lactones b-lactones"	Chemistry	Dr. T. H. Black	SP 04
Cassandra M. Martin	"Age Effects on Homosexual Behavior in the Male Red Flour Beetle"	Biological Sciences	Dr. Paul Switzer	SP 04
Darby Miller	"Hip-hop Cultural Behaviors: The Role of White Racial Identity and Peer Conformity"	Psychology	Dr. Anupama Sharma	SP 04
Lindsay Rickelman	"The Effects of Gender and Prior Experience on Perceptions of Sexual Harassment"	Psychology	Dr. Caridad Brito	SP 04
Laura E. Rimington	"Correlations Between Water Chemistry and Bacteria Found in the Sangamon River"	Biological Sciences	Dr. James A. McGaughey	SP 04
Jennifer Roden	"The Purification of a Metal Based Biological Mimic"	Chemistry	Dr. Mark E. McGuire	SP 04
Brittney Leigh Yakey	"Comparing Phonological Awareness Skills for Children with Sensory Neural Hearing Loss and Children with Normal Hearing"	Communication Disorders and Sciences	Mr. Jeffery Larsen	SP 04
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Jeremy M. Carlson	"Freezing Avoidance in Eggs of the Antarctic Naked Dragon"	Biological Sciences	Dr. Marina Marjanovic	FA03
Jason Cunningham	"Seasonal Effects on Seed Quality of Two Native Herbaceous Perennials"	Biological Sciences	Dr. Janice Coons	FA03
Sarah Miller	"Aurand Harris's Contributions to Children's Theatre"	Theatre Arts	Dr. Jean Wolski	FA03
Kelly Peil	"The Acceptability of an Oatmeal Cookie Prepared with a Powder Fiber Supplement"	Family and Consumer Sciences	Dr. Melanie Tracy Burns	FA03
Martin Ruhaak	"American Foreign Policy following the Bolshevik Revolution 1917-1924"	History	Dr. Edmund Wehrle	FA03
Justin Thomas	"Toussaint Louverture and the Haitian Revolution"	History	Dr. Jose Deustua	FA03
Aimee Wheat	"Comparing Discourse Performance According to Elicitation Procedure"	CDS	Dr. Brenda Wilson	FA03
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Joanne Crawford	"The Prevalence of Infectious Disease within a Raccoon Population"	Biological Sciences	Dr. Tom Nelson	SU03
Brent Wachholder	"Evaluating in vitro glyphosate resistance of Alliaria Petiolata callus tissue"	Biological Sciences	Dr. Henry Owen	SU03

GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Kristina Heldmann	"Effect of Group Membership on Attributions of Blame"	Psychology	Dr. George Bizer	SP03
Jaymie Rae Krone	"Impact of plant-derived phenolic compounds on growth and toxin production by Sclerotinia sclerotiorum"	Biological Sciences	Dr. Steven Daniel	SP03
Kevin McPherson	"Victim and Observer Differences in Perception of Gender Discrimination"	Psychology	Dr. Ronan Bernas	SP03
Julie Skalitzky	"The Influence of Homophobic Attitudes on Perception of Touch in Same and Opposite Sex Dyands"	Psychology	Dr. Caridad Brito	SP03
Jenny Will/Neil Kirkpatrick	"Recovery of antibiotic resistant bacteria from local landfill leachate: A Study in Potential Public Health Hazards"	Biological Sciences	Dr. James McGaughey	SP03
Jason Yuvan	"Characterization and Monitoring of Hot Springs in the Lower Geyser Basin, Yellowstone National Park"	Geology/Geography	Dr. Craig A. Chesner	SP03
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Kyle A. Dunn	"Investigating the Foraging Niches of 4 Species of Illinois' Bats	Biological Sciences	Dr. Thomas A. Nelson	FA02
Stacey Fuhrmann	"Potential Impact of Fish on Amphibian Populations"	Biological Sciences	Dr. Stephen J. Mullin	FA02
Kimra Hasselbring	"Variations of Muller-Lyer Illusion in Touch"	Psychology	Dr. Morton Heller	FA02
Rachel Heicher	"Wrestling with God the Father: Representations of God in Women's Literature"	English	Dr. Robin Murray	FA02
Shannon Hollinger	"Effects of Repeated Reading and Reading Speed on Reading Comprehension"	Psychology	Dr. Gary Cates	FA02
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Nic Cheviron	"Investigation of the Effects of Bendway Weir Installation on Scour Pool Depth and Bed Materials in a Large Illinois River"	Geology/Geography	Dr. Vincent Peter Gutowski	SU02
Aubrey Osborne	"The Effects of Estrogen on the Neuronal Network of Mice"	Biological Sciences	Dr. Britto Nathan	SU02
Rebecca Traen	"The Efficacy of Laughter and Music as Therapy Facilitators in Aphasics"	CDS	Dr. Richard Jacques	SU02
Michael Yurkovich	"The Total Synthesis of Andirolactone"	Chemistry	Dr. T. Howard Black	SU02
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Jessica J. Dhom	"Potential Benefits of Positive Illusions: The Role of Self-Enhancement in Academic Motivation and Performance"	Psychology	Dr. William Addison	SP02
Kara Lidy	"The Influence of Metacognitive Thinking on Students' Attributions and Predictions of Performance"	Psychology	Dr. Caridad Brito	SP02
Paul McAdamis	"Mechanisms of Estrogen as a Cure for Alzheimer's Disease"	Biological Sciences	Dr. Britto P. Nathan	SP02
Louis A. Baczewski	"From Exclusion to Inclusion: Organizing the IBEW, 1960-2001"	History	Dr. Edmund Wehrle	SP02
Nicholas Wright	"Freeze Tolerance Study of Fertilized and Unfertilized Trematomus Eggs Using NMR"	Biological Sciences	Dr. Barbara Lawrence	SP02
Gregg Delgadillo	"Early Views of Jews and Muslims in Print"	History	Dr. Newton Key	SP02

GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Melissa Bailey	“Effect of Soy Flour on the Quality Characteristics and Acceptability of Chocolate Chip Cookies”	Family & Consumer Sciences	Dr. Melanie Tracy Burns	FA01
David Weise	“Personal Ad Method”	Psychology	Dr. Steven Scher	FA01
Christina Meddows	“The Role of Aromatic Residues in Stabilizing Acetylcholine”	Chemistry	Dr. Carol A. Deakyne	FA01
Joseph Siegel	“The Effect of Competitive Intensity on Economic Growth”	Economics	Dr. Mukti Upadhyay	FA01
Diana Najla Davis	“Determination of the mechanism of the iron/dimethoxyatrazine reaction”	Chemistry	Dr. Douglas Klarup	FA01
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Paul McAdamis	“Mechanisms of Estrogen as a Cure for Alzheimer’s Disease”	Biological Sciences	Dr. Britto P. Nathan	SU01
Katie M. Cox	“The State of Illinois: Inequities in Education Funding”	Political Science	Dr. Melinda Mueller	SU01
Joseph Siegel	“The Effect of Competitive Intensity on Economic Growth”	Economics	Dr. Mukti Upadhyay	SU01
Cara Schiek	“Origin of the Escuintla Debris Avalanche,Guatemala”	Geology/ Geography	Dr. Craig A. Chesner	SU01
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Mark Witschi	“Further research into the synthesis of anti-cancer agents”	Chemistry	Dr. T. Howard Black	SP01
Michelle Croft	“Motivational factors influencing non-music majors to participate in music activities”	Psychology	Dr. Caridad Brito	SP01
Patrick S. Forsythe	“Factors influencing the choice of refuge sites in crayfish”	Biological Sciences	Dr. Paul Switzer	SP01
Victoria Rinando	“Temperature Dependence of Intracellular pH”	Biological Sciences	Dr. Marina Marjanovic	SP01
Zach Shaw	“A Comparison of English and German Romanticism through Coleridge and Kleist”	English	Dr. Randall Beebe	SP01
Gretchen Wagner	“Investigation into the Impact of Rural Water Distribution Systems on Land Values, Services and Ecosystems”	Geology/ Geography	Dr. Vincent Gutowski	SP01
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Kristopher Fairfield	“The Role of Oxalate in the Infection of Soybeans by Fungal Plant Pathogens”	Biological Sciences	Dr. Steven Daniel	FA00
Pamela Davidson	“Service Delivery Comparison for Speech Sound Progress”	CDS	Dr. Rebecca Throneberg and Ms. Lynn Calvert	FA00
Victoria Rinando	“Temperature Dependence and Intracellular pH”	Biological Sciences	Dr. Marina Marjanovic	FA00
Rebecca Smith	“The Validity of Cognitive Distance in Normal Discourse”	CDS	Dr. Brenda Wilson	FA00
Sarah Weaver	“Speech Pathology and Vocal Students’ Knowledge of Vocal Function and Hygiene”	CDS	Dr. Mary Hanner	FA00
Brian Sherrick	“A History of Convertible Bond Financing in the Oil and Gas Industry”	Business	Dr. Lola Dudley	FA00

GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Scott Medlin	“A revision to the Carnian-Norian age boundary in the Wallowa Mountains of northeast Oregon”	Geology/ Geography	Dr. John Stimac	SU00
Ashley Scheffer	“Isolation of Polydeoxycholate Converting Bacteria in the Intestinal Tract”	Biological Sciences	Dr. Steven Daniel	SU00
Kristopher Fairfield	“Genetic Diversity in Two Species of Canary Island Plants”	Biological Sciences	Dr. Mark Mort	SU00
Jennifer Wolters	“A retro-deformed cross-section of the Martin Bridge Formation, Oregon”	Geology/ Geography	Dr. John Stimac	SU00
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Susannah Happ	“Flute Manufacturing Trends”	Music	Dr. Diane Boyd	SP00
Ashley Scheffer	“Detection of Polydeoxycholate Forming Bacteria in the Intestines”	Biological Sciences	Dr. Steven Daniel	SP00
Brian Fischer	“Seed Vigor and how it Relates to Genetic Variability in Silene regina”	Biological Sciences	Dr. Coons, Dr. Owen and Dr. Fritz	SP00
Angela Kerber	“Photoperiod impact on lateral shoot growth in Stylisma pickeringii”	Biological Sciences	Dr. Owens and Dr. Coons	SP00
Stephen Slowik	“Studies on a Cell Culture Model for Alzheimer’s Disease”	Biological Sciences	Dr. Britto Nathan	SP00
Kevin Bauman	“Ambient air quality in the central U.S.: a comparison of atmospheric particulate data from rural and urban areas”	Geology/ Geography	Dr. Vincent Gutowski	SP00
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Brent Todd	“Scarification of Stylisma pickeringii”	Biological Sciences	Dr. J. Coons and Dr. H. Owen	FA99
Kevin Bauman	“Ambient air quality in the Midwest: A comparison of atmospheric particulate data from rural and urban areas”	Geology/ Geography	Dr. Vincent Gutowski	FA99
Amy Wilmore	“Do Perceptual Judgments of Oral and Written Discourse Agree with Formal Measurements of Efficiency and Coherence?”	CDS	Dr. Brenda Wilson	FA99
Rebecca Smith	“The Validity of Cognitive Distance in Oral and Written Discourse after Closed Head Injury”	CDS	Dr. Brenda Wilson	FA99
Martin Leuken	“Industrial Athletic Training: A Prospective Study to Determine Educational Needs to Better Prepare Future Industrial Athletic Trainers”	Physical Education	Dr. Rob Doyle	FA99
Kara Hilgenberg	“The Effects of Phonological Awareness on Reading Skills”	CDS	Dr. Rebecca Throneberg and Dr. Jean Smitley	FA99
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Jason Mallo	“Does Learning Style Compatibility Influence Performance in Student Dyads?”	Psychology	Dr. William Addison	SU99
Amanda Perry	“The Adjustment Scales for Children and Adolescents: Short-term Stability”	Psychology	Dr. Gary Canivez	SU99
Martha Sojka	“Germination and propagation of Stylisma pickeringii, a threatened species in Illinois”	Biological Sciences	Dr. Henry Owen and Dr. Janice Coons	SU99
Barbara Davis	“Gender Differences in Mathematics and Computer Anxiety in College Students”	Psychology	Dr. William Addison	SU99
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Matthew Stafford	"Estimation of Stream Meander Migration rates Using Tree Age Surveys"	Geology	Dr. Vincent Gutowski	SP99
A.J. Deets	“Genetic Relatedness Among Queens in the Yellowjacket Vespulal Squamosa"	Biological Sciences	Dr. Gary Fritz	SP99

Erica Slate	"The Eighteenth-Century Criminal Bastard: The Historical Meaning of Literary Type in England and France"	History	Dr. Newton Key	SP99
Casey Watson	"Synthesis of Cyclopentadienyl Catalysts"	Chemistry	Dr. Robert W. Chesnut	SP99
Scott Lynch	"The Geology of the Leucite Hills, WY: A Video Field Study"	Geology	Dr. Craig A. Chesner	SP99
Brendan Lynch	"Desire in Difference"	Philosophy	Dr. Gary E. Aylesworth	SP99
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Tracy Dombek	"Metallic Iron's Role in Remediation of Contaminants"	Chemistry	Dr. Douglas Klarup	FA98
Helen M. Farris	"Information Technology in the new Millennium"	Marketing	Dr. Yunus Kathawala	FA98
Laura Harm	"Financial Management Differences between Profit and Non-profit Hospitals"	Business	Dr. Scott J. Lloyd	FA98
Scott D. Lynch	"The Geology of the Leucite Hills, WY: A Video Field Study"	Geology	Dr. Craig A. Chesner	FA98
Art Munin	"Degree of Acquaintance-ship as a Factor in Social Perception"	Psychology	Dr. William Addison	FA98
Ryan Streubing	"Speech Pathology for the Audiologist"	CDS	Drs. Brenda Wilson and Jeff Larsen	FA98
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Matthew W. Eaves	"Relations Between Sexual Education and Adolescents and Adolescents Sexual Behavior"	Psychology	Dr. Cheryl Somers	SU98
Kristopher Fritts	"Cell Culture Model for Alzheimer's Disease"	Zoology	Dr. Britto P. Nathan	SU98
Kristin Springer	"The Reduction of Turnover Among Female Accountants"	Business	Dr. Roanna Kopel	SU98
Casey Watson	"Linking Estrogens to a Platinum Anti-Tumor Drug"	Chemistry	Dr. Robert Chestnut	SU98
Elizabeth M. Weller	"Stability of the Adjustment Scales for Children and Adolescents"	Psychology	Dr. Gary L. Canivez	SU98
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Tracie A. Bigelow	"Relations Between media Consumption and Adolescents' Attitudes Toward Infidelity"	Psychology	Dr. Cheryl Somers	SP98
Cathy D. Schoonover	"Creativity and Mood Lability in a Nonclinical Sample"	Psychology	Dr. William Addison	SP98
Leslie Foutch	"The Effects of Xanthines in the Respiratory Response to CO2 in Rats"	Zoology	Dr. Kip L. McGilliard	SP98
Kari L. Kirkman	"Uncovering Pathways of the Past: Potential Mammal Tracks Near an Ice-Age Lake, Charleston, IL"	Geology/ Geography	Dr. Vincent Gutowski	SP98
Heather Lugar	"Investigation of the Effectiveness of a Psychological Inventory and Urinalysis as Objective Diagnostic Criteria for Fibromyalgia Syndrome"	Psychology	Ms. Heidi Harriman	SP98
J. Dylan Maddox	"Asynchronous Hatching in the Easter Screech-Owl: an Experimental Study"	Zoology	Dr. Eric Bollinger	SP98
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Amanda Davis	"Steel in Silence: the Lives of Incarcerated Women"	English	Dr. Michele L. Tarter	FA97
Leslie Foutch	"The Effects of Xanthines on the Respiratory Response to CO2 in Rats"	Zoology	Dr. Kip McGilliard	FA97

Joseph Nolan	"An Exploration of Positive Braid Invariants"	Mathematics	Dr. Charles Delman	FA97
Todd Joseph Rosko	"The Roles of Perceived Academic Challenge and Academic Abilities in Predicting Attitudes Towards Alcohol Consumption Among College Students"	Psychology	Dr. Ronan S. Bernas	FA97
Brandy Stoops	"The Relationship Between Academic Burnout and Perfectionism in College Students"	Psychology	Dr. William Addison	FA97
Jennifer White	"Generation of an Inbred Strain of Mice"	Zoology	Dr. Jeff Laursen	FA97
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Carey Netherton	"Ceramic Shell Casting: Alternative Methods"	Art and Philosophy	Dr. Jeff Boshart	SU97
Valerie Lyn DeVillez	"Children's Psychological Adjustment to Blended Families"	Psychology	Dr. William Addison	SU97
Katherine Dillon	"Are College Students' Perceptions of Their Academic Motivation Consistent With Their Instructors' Ratings?"	Psychology	Dr. William Addison	SU97
Christoffer Mansby	"International Students' Satisfaction with their Interactions with Americans: The Role of Cultural Identification"	Psychology	Dr. Ronan Bernas	SU97
Julia Nefczyk	"Monitoring of Zebra Mussel Migration in Illinois Inland Lakes"	Environmental Biology	Dr. Robert Fischer	SU97
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Christine C. Tonn	"Assessment and Correlation of Rock Types in the Leucite Hills, Wyoming"	Geology	Dr. Craig A. Chesner	SP97
Mieke Baan	"A Study of the Genetic Variability Among Flukes"	Zoology	Dr. Gary Fritz	SP97
Melissa Anderson	"The Progressive Reader: An Introduction of Minority Voices to Primary Education"	English	Dr. Michele Tarter	SP97
Jessica M. Borah and Daniel Heupel	"The Adjustment Scales for Children and Adolescents: An Investigation of Discriminant Validity"	Psychology	Dr. Gary Canivez	SP97
Norman Short	"Rapier and the code Duello: From Knight to Courtier"	Middle Level Education	Dr. Joy Kammerling	SP97
Tanya R. Sonneborn	"Faculty and Students' Attitudes Toward Academic Dishonesty and Their Views of Methods of Deterrence"	Psychology	Dr. William Addison	SP97
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Sarah Probst	"Identifying Breeding Site Preferences Among Bolivian Malaria Mosquito Species"	Zoology	Dr. Gary Fritz	FA96
Donald Probst	"Development of Stereocontrolled Synthesis of Protease Inhibitors"	Chemistry	Dr. T. Howard Black	FA96
Patrick C. Enstrom	"Mode of Mate Choice in the Dickcissel (Spiza Americana)"	Zoology	Dr. Eric K. Bollinger	FA96
Misty Elliott	"Women's Sex Roles and Attitudes of Hostility Toward Men"	Psychology	Boyd Spencer and Fred Yaffe	FA96
Kevin D. Hughes	"Kinetic Studies of Malate Dehydrogenase"	Chemistry	Dr. Norbert Furumo	FA96
Jennifer K. Brdlik and Kristine R. Hillman	"Can Training in Spatial Tasks Improve Performance in an Undergraduate Statistics Course?"	Psychology	Dr. William Addison	FA96
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Daniel Probst	"Development of a Stereocontrol-led Synthesis of Protease Inhibitors"	Chemistry	Dr. T. Howard Black	SP96
Jennifer E. Forsee	"Synthesis of Analgesic Antagonists"	Chemistry	Dr. T. Howard Black	SP96

M. Katariina Baker	"Predicting Criminal Recidivism: Application of the Canadian Model to Data Collected in the United States"	Psychology	Dr. William Addison	SP96
Jessica M. Borah	"Perceptions of Teachers and Administrators Concerning Priorities for a Successful Mainstreaming Program"	Psychology	Dr. William Addison	SP96
Alexandra L. Clark	"An Analysis of Pre-glacial Gastropods Near Charleston, IL"	Geology/ Geography	Dr. Vincent Gutowski	SP96
LeeAnn R. Hochmuth	"The Effects of Evidence, Regarding the Suggestibility of Children, on Juror Decision Making"	Psychology	Dr. Keith Wilson	SP96
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Alexandra L. Clark	"An Analysis of Pre-Wisconsinan Gatropods Near Charleston, IL"	Geology/ Geography	Dr. Vincent Gutowski	FA95
Niles G. Dufrenne	"The Tailoring of Surface Structures for Diverse Chemical Applications"	Chemistry	Dr. Jon Blitz	FA95
Christine Dunn	"Reading Performance as a Function of Contrast Sensitivity: As Different as Black and White?"	Psychology	Dr. William Addison	FA95
Amanda Goade	"The Truth Behind the Boston Massacre"	History	Dr. Dan Hockman	FA95
Susan B. Yost	"Witchcraft in Early Modern Europe; The Catholic and Protestant Perspective"	Social Science	Dr. Kammerling	FA95
Jason M. Lukasek	"Conducting Organometallic Compounds"	Chemistry	Dr. Richard Keiter	FA95
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
DelWayne Bohnenstiehl	"Lava Domes at Toba Caldera: Age, Geochemistry, & Implications"	Geology	Dr. Craig Chesner	SP95
Jennifer E. Forsee	"Synthesis of Analgesic Antagonists"	Chemistry	Dr. T. Howard Black	SP95
Victoria Klingenberg	"Lactone Synthesis"	Chemistry	Dr. T. Howard Black	SP95
Todd Naumann	"Studies on the Genetics of Escherichia Coli"	Botany	Dr. William A. Weiler	SP95
Michael J. Tagler	"Optimistic and Defensive Pessimistic Responses to an Open-Ended Measure of Reflectivity"	Psychology	Dr. William Addison	SP95
Jennifer M. Watson	"Measuring the Self-concept of Latino Americans"	Psychology	Dr. Barbara Woike	SP95
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Catherine DeGraaf	“The Effectiveness of Hypertext Glossing in Teaching French Literature”	Foreign Languages	Dr. Don Sundheim and Dr. Stephen Canfield	FA94
Jason M. Lukasek	“Oligomers of Iron Carbonyl Complexes”	Biochemistry	Dr. Richard Keiter	FA94
Andrew N. Miller	“Hohenbuehelia atrocaerulea: Morphological vs Biological Species Concepts”	Botany	Dr. Andrew S. Methven	FA94
Shane Rundle	“An Evaluation of Atmospheric Particulates in Charleston, Illinois”	Geology/ Geography	Dr. Vincent Gutowski	FA94
Leigh R. Saint-Louis	“Efficient Synthesis of Medicinally-Active Lactones”	Chemistry	Dr. T. Howard Black	FA94
Michael Tagler	“Optimism, pessimism, and defensive pessimism: A comparison of two measures”	Psychology	Dr. William Addison	FA94
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Alecia Mapes	“Hamlet on the Victorian Stage”	English	Dr. Frank McCormick	SP94
Michael J. Dreslik	“Status of the River Cooter in Illinois”	Zoology	Dr. E. O. Moll	SP94

Heather Camren	“Synthesis and Analysis of (bpy)2Ru-biphen-Ru-(bpy)2”	Chemistry	Dr. Mark McGuire	SP94
Christine Liberatore	“Synthesis of a Direct Structural Analog of the Flavin Cofactor”	Chemistry	Dr. Mark McGuire	SP94
Michael S. Tappen	“A Study of Pre-glacial Paleoenvironments, Charleston, Illinois”	Geology/ Geography	Dr. Vincent Gutowski	SP94
Jeffery W. Walk	“Winter Habitat Requirements of Illinois Prairie Chickens”	Environmental Biology	Dr. Kipp C. Kruse	SP94
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Mark Campbell	“Hispanic Literature Evaluated as an Historic Document”	History	Dr. Cynthia Nichols	FA93
Michael C. Casten	“The Relationship Between Spatial Ability and Performance in an Undergraduate Statistics Course”	Psychology	Dr. William Addison	FA93
Melissa Folkers	“Adequacy of University Training for Medical Speech Pathology: Implications for Curriculum Revision”	CDS	Mr. Frank Goldacker	FA93
Stacy Krueger	“The Role of Experience in the Evaluation of Creative Work”	Psychology	Dr. William Addison	FA93
Seth D. Rodgers	“The Major Generals and Godly Reform, 1656-1657”	History	Dr. Newton Key	FA93
Kelly Willis	“Ethics Issues in Insider Trading: An Analysis and Review”	Accounting	Dr. Stuart E. Michelson	FA93
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Laura A. Mannix	“Is There An Association Between Attention Deficit Hyperactivity Disorder and Frontal Lobe Syndrome?”	Psychology	Dr. William Addison	SP93
Yoshiko Oya	“Implicit Memory in Autistic Children”	Psychology	Dr. John B. Best	SP93
Karen Gerlash	“Growth of five lettuce cultivars with different NaCl concentrations”	Environmental Biology	Dr. Coons	SP93
Diana L. Unes	“Relationship Experience, Age, and Gender as Factors in Attitudes Toward Love”	Psychology	Dr. William Addison	SP93
Scott Dreher	“Development of a Surface Water Quality Index, Coles County, Illinois”	Geology/ Geography	Dr. Vincent Gutowski	SP93
Susanne M. Weise	“Stress and Prevalence of Bulimia or Bulimic Symptoms Among Female Undergraduates”	Psychology	Dr. Linda Leal	SP93
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Christy K. Buehnerkemper	“Are Schizophrenics More Creative Than Nonschizophrenics”	Psychology	Dr. William Addison	FA92
Ann Connelly	“Caseload prevalence of dyshpagia in speech-language pathology and implications for training programs”	CDS	Mr. Frank Goldacker	FA92
Rebecca Peak	“Effects of Habitat Edge on Predation of Artificial Avian Nests”	Environmental Biology	Dr. E. K. Bollinger	FA92
Nancianne Rich	“Reactive Sites at the Surface”	Chemistry	Dr. Jerry Ellis	FA92
Stuart C. Tart	“The Tory Reaction and its effect on the English press”	History	Dr. Newton Key	FA92
Jeffery W. Walk	“Synthesis and Analysis of ((bpy)Ru((bpyrm) Ru(NH3)4)2)6+”	Chemistry	Dr. Mark McGuire	FA92
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Kristin Kay Brown	“A Computational Study of Isocyno and Cyano Clusters”	Chemistry	Dr. Carol A. Deakyne	SP92
Jennifer Drolet	“A Feminist Reading of Chaucer's "Shipman's Tale"	English	Mr. David Raybin	SP92
Cheryl Hemmen	“The Effects of Goal Specificity and Task Difficulty on Performance of a Reading Comprehension Task”	Psychology	Dr. William Addison	SP92

Laura Mosimann	“The Reaction of Phosphorus Halides and Arsine Iron Complexes”	Chemistry	Dr. Richard Keiter	SP92
Michael O’Keeffe	“Accessory Mineral Characterization of Potential Platinum/Gold Ore Deposits in the Soviet Far East”	Geology/ Geography	Dr. Craig A. Chesner	SP92
Jeffery W. Walk	“Synthesis and Analysis of ((bpy)Ru((bpyrm)Ru(NH3)4)2)6+”	Chemistry	Dr. Mark E. McGuire	SP92
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Michael O’Keeffe	“Accessory Mineral Characterization of Potential Platinum/Gold Ore Deposits in the Soviet Far East”	Geology/ Geography	Dr. Craig A. Chesner	FA91
S. Kirk Wright	“The Role Arginine Plays in Binding Vitamin B6”	Chemistry	Dr. Norbert Furumo	FA91
Travis Gholson	“The Effects of training the respiratory muscles on maximal oxygen consumption”	Physical Education	Dr. Jason McClung	FA91
Elizabeth Gillins	“Comparison of Cookies prepared with Whole Egg, Egg White, Commercial Egg Substitute, Home Egg Substitute and No Egg”	Home Economics	Dr. Carol Ries	FA91
Laura K. Brahos	“Substituting Non-toxic for Toxic Materials in Glazes Fired in a Reducing Atmosphere”	Art	Dr. Bill Heyduck	FA91
Michael T. Dolan	“Hourglass' melt inclusions in the Toba Tuff: Calculating the duration of Earth's largest volcanic eruption”	Geology/ Geography	Dr. Craig Chesner	FA91
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Gary Brown	“A Synthesis for Formation of an Unsaturated Gamma-Lactone”	Chemistry	Dr. T. Howard Black	SP91
Michael Dolan	“Hourglass' Melt Inclusions in the Toba Tuff: Calculating the Duration of Earth's Largest Volcanic Eruption”	Geology/ Geography	Dr. Craig Chesner	SP91
Mary Lamczyk	“Synthesis of Heritol”	Chemistry	Dr. T. Howard Black	SP91
Rebecca L. Lawson	“Effects of Hypoxia on Newborn Rat Respiration”	Zoology	Dr. Kip McGilliard	SP91
Merrilee M. Morland	“The Assessment of Inter-partner Agreement of Violence Reported Among College Couples”	Psychology	Dr. Charles F. Blaich	SP91
Angela L. Rowe	“A Theory of Personality”	Psychology	Dr. John Best	SP91
GRANT WINNER	PROJECT TITLE	DEPARTMENT	FACULTY SPONSOR	DATE
Gary A. Brown	“A synthesis for formation of an unsaturated gamma-lactone”	Chemistry	Dr. T. Howard Black	FA90
Angela R. Forliano	“Expression of Arginine Kinase in Drosophil Oocytes”	Zoology	Dr. Judith M. James	FA90
Mary Lamczyk	“Synthesis of Heritol”	Chemistry	Dr. T. Howard Black	FA90
Rebecca L. Lawson	“Effects of Hypoxia on Newborn Rat Respiration”	Zoology	Dr. Kip McGilliard	FA90
Todd Magruder	“Effects of 1,3-dipropylxanhine on Respiration”	Zoology	Dr. Kip McGilliard	FA90
Jason L. Smith	“Geodesics on Manifolds with Arbitrary Metrics”	Physics	Dr. Keith Andrew and Dr. Charles G. Fleming	FA90