

**UNDERGRADUATE
RESEARCH**

| STUDENT | FACULTY MENTOR | DEPARTMENT/SCHOOL | PROJECT TITLE |
|----------------------------|------------------------|--|---|
| Samuel Bailey | Kelly Burke | School of Music | New Orleans Clarinetist Barney Bigard: Transcription of his Important Solos |
| Phillip Behrns | Norman Chiu | Department of Chemistry and Biochemistry | Molecular Imaging of Brain Tumors Using Mass Spectrometry |
| Corey Bellis | Aaron Allen | School of Music | Web Resources for the Emerging Field of Ecocritical Musicology |
| Jodi Bennett-Bradshaw | Jill Rhodes | Department of Anthropology | Indicators of Socioeconomic Status and Overall Health: Skeletal Analysis of the Shaft and Chamber Tomb Culture at San Felipe de Hajar, Mexico |
| Christopher Berg | Paul Silvia | Department of Psychology | Exploring expertise in the arts in the context of motion picture media |
| Naomi Chatley | Stuart Marcovitch | Department of Psychology | The Impact of Physical Actions on the Isolation Effect on Children |
| Ryan Clarke | Jonathan Zarecki | Department of Classical Studies | The Legal Status of Cypriot Citizens in the Late Roman Republic |
| AdriAnne Cole | Susanne Rinner | Department of German, Russian and Japanese Studies | Nothing but the Truth: Analyzing the Visual Representation of the Sixties and Seventies |
| Cary Cotton | Vincent Henrich | Department of Biology | Hormone receptor regulation of steroid responses in a model organism, <i>Drosophila melanogaster</i> |
| Michelle Sanseverino Creed | Lilly Shanahan | Department of Psychology | Marital Conflict and Children's Psychological Adjustment |
| Ryan Daniels | Patricia Gray | School of Music | Music Perception in Apes |
| Aaron Dell | Annette Van | Department of English | Mind Reading: Toward a Scientific Understanding of Language in Literature |
| Brittany Dixon | Susan Keane | Department of Psychology | AD/HD, Academic Achievement, and Social Adjustment: Role of Informant |
| Veska Dobрева | Terry Nile | Department of Chemistry and Biochemistry | Synthesis compounds of potential anti-cancer activity |
| Rebecca Felds | Roy Schwartzman | Department of Communication Studies | The AfterWords Project |
| Krycya Flores Rojas | Peter Delaney | Department of Psychology | Can we obtain a sleeper effect in a single experimental session? |
| Joshua Harrison | Walter Salinger | Department of Psychology | Phenylthiocarbamide (PTC) Taste Blindness in General Population: Sensory and Neurocognitive Deficits in Relation to Schizophrenia |
| Danielle Hayes | Anne Hershey | Department of Biology | The effect of lake depth on vertical transport of nitrogen in arctic lake sediments |
| Miranda Hayworth | John Tomkiel | Department of Biology | Identifying novel genes in the dtopors pathway of chromosome segregation |
| Maryanna Lanning | Bruce Banks | Department of Chemistry and Biochemistry | Aldiminie Oxidation by Aldehyde Oxidase: New Tricks for an Old Enzyme |
| Candace Lapan | Janet Boseovski | Department of Psychology | The Developmental Relation between Self Concept and Interpretation of Social Ambiguity |
| Megan Leagon | Anatoly Miroshnichenko | Department of Physics and Astronomy | Determining fundamental parameters of stars from a newly discovered group of dust-forming objects |
| Nicholas Lee | Aaron Allen | School of Music | Web Resources for the Emerging Field of Ecocritical Musicology |
| Joshua Harrison | Esther Leise | Department of Biology | Adult Marine Snails Induce Metamorphosis in Conspecific Larvae of <i>Ilyanassa obsoleta</i> |
| Paul Marini | Bonnie Canziani | Department of Recreation, Tourism and Hospitality Management | Exploring the Opportunities for and Barriers to Using Local Farm Products in Restaurant Menus in the Piedmont Triad |
| Christopher Martin | Paul Silvia | Department of Psychology | Creativity: A Measurement Technique |
| Florence Masese-Amadi | Sharon Morrison | Department of Public Health Education | Development and Implementation of an "African immigrant sensitive" HIV Testing Factors Survey |
| Lauren McCormick | David Wharton | Department of Classical Studies | Basic Color Terms in Classical Latin |
| Jason Mesner | Thomas Kwapil | Department of Psychology | Differentiating Paranoia and Social Anxiety using the Five-Factor Model of Personality |
| Elizabeth Nemitz | Mona Shattell | School of Nursing | The Cultural Competency of Nursing Students |
| Brandon Ore | Alice Haddy | Department of Chemistry and Biochemistry | Preparation of calcium-depleted PSII and the dependence of its reactivation on chloride |
| Amanda Ovsenik | Janet Boseovski | Department of Psychology | Children's Use of Source Information in Personality Attribution |
| Patrick Parker | Anthony Taylor | School of Music | The Clarinet Music of "Les Six": A Lecture-Recital |
| Nina Powell | Robert Guttentag | Department of Psychology | Children's Judgments of Moral Dilemmas: Examining the Development of the Omission Bias |
| Yuliana Rodriguez | Heather Helms | Department of Human Development and Family Studies | Couples of Mexican Origin: Marital Well-being in Sociocultural Context |
| Amanda Roffiman | Terry Nile | Department of Chemistry and Biochemistry | Synthesis and Evaluation of Novel Ligands for Use in Catalysis |
| Rebekah Sanders | Patricia Gray | School of Nursing | Social Support and Fatigue after Myocardial Infarction in Older Adults |
| Deanna Schmidt | Elizabeth Lacey | Department of Biology | The Effects of Genotype and Growth Temperature on Pollen Viability in <i>Plantago lanceolata</i> |
| Shannon Scott-Spillman | Kari Eddington | Department of Psychology | Assessing cognitive responses to goal pursuit in depression |
| Benjamin Shook | Jacquelyn White | Department of Psychology | Traumatic stress symptoms as mediator between sexual assault trauma and substance use |
| Kari Skrivan | David Cardenas | Department of Recreation, Tourism and Hospitality Management | Menu analysis and sustainability: A case study of Ayampe, Ecuador |
| Denise Smith | Patrick Lucas | Department of Interior Architecture | sarah hunter kelly : designing the house of tomorrow |
| Jeffrey Smith | Jason Reddick | Department of Chemistry and Biochemistry | Purification of the ynfF Protein from <i>Bacillus subtilis</i> and Investigation of its Role in Sporulation |
| Jill Sollenberger | Greg Raner | Department of Chemistry and Biochemistry | Aldehyde Containing Essential Oils |
| Zimuzor Ugochukwu | Dennis LaJeunesse | Department of Biology | Phenotypic Characterization of CG16972 |
| Frances Walton | Roy Schwartzman | Department of Communication Studies | The AfterWords Project |

| | | | |
|----------------------|----------------|--|---|
| Ashley Warriner | Patrick Lucas | Department of Interior Architecture | archetype : prototype : hybrid |
| Jesse Welborn | Anthony Taylor | School of Music | The Clarinet Music of "Les Six": A Lecture-Recital |
| David Whalley | Randy Schmitz | Department of Exercise and Sport Science | Knee Injury Risk Factors in an Athletic Population |
| Emily Williamson | Gregory Raner | Department of Chemistry and Biochemistry | Potential Reduction of Alcohol Induced Oxidative Stress by Citrus Essential Oils |
| Brittiany Wilson | Susan Phillips | Department of Communication Sciences and Disorders | Investigation of Noise-notch Frequency in Student Musicians |
| Anna Winnicki | Susan Phillips | Department of Communication Sciences and Disorders | Investigation of Noise-notch Frequency in Student Musicians |
| Wan Yu Yang | Norman Chiu | Department of Chemistry and Biochemistry | Towards High Throughput Analysis of Carcinogen-DNA Adduct Biomarkers |
| Katherine Youngblood | Susan Calkins | Department of Human Development and Family Studies | Family Stress, Maternal Responsiveness, and the Development of Children's Aggression during Early Childhood |