

**Honors Thesis Title****Student Name****Major**

Adaptive Playgrounds in Rural Areas	Katie Addison	Occupational Therapy & Psychology
Is the Lottery Actually Random?	Ryan Alu	Mathematics, Computer Science & Cybersecurity
An Exploration into the Physical, Emotional, and Social Well-Being of Parents of Children with Special Needs	Mikayla Beck	Occupational Therapy & Psychology
Evaluating the Impact of Climate Change on Water Quality in High Altitude Watersheds with a Reactive Transport Model	Matthew Berzonsky	Environmental Engineering
Evaluating the Impact of Social Media on the Perception of Disabilities; An Analysis of Pre-Professional Phase Occupational Therapy Students	Rachel Bills	Occupational Therapy
Psychological Profiling of Serial Killers	Cheyenne Blough	Psychology & Criminal Justice
The Forgotten Bridge: Writing and Publishing Young Adult Fiction in a Twenty-First Century Publishing Market	Shayna Boisvert	English
Understanding the Religious Experience of Children with Autism in the Catholic Church	Valarie Boles	Occupational Therapy & Psychology
The Comparison of $\alpha$ -Crystallin and Caffeine in the Prevention of Cataracts	Hannah Boyd	Chemistry
Characterization of <i>Baylisascaris transfuga</i> Within American Black Bears of Pennsylvania	Mollie Byrne	Self-Designed - Wildlife Biology
Current Substance Abuse Prevention and Awareness Methods Used in Secondary Education	Kaylee Campagna	Health Studies
An Assessment of Video Remote Interpreting for Deaf and Hard of Hearing Patients	Mia Capuzzi	Health Science
The Reality of Starting a Small Business in College: The Steps, Struggles, and Hardships	Kaitlynn Conte	Accounting
The Effect of Brewed Caffeinated Coffee on the Formation of Cataracts	Dayna DeSalve	Biology
The Synergistic Effect of Metformin and Dexamethasone on HeLa and SiHa Cells: A Comparison of Cervical Cancer Cell Lines from Different Races	Kelsey Donoughe	Biology
K-12 Teachers' Perceptions of Student Motivation and Academic Achievement of In-Person Versus Online Instruction After COVID-19	Ashlyn Duke	Education
Are Terrorists Worthy of Human Rights Protections?		
An Analysis of Saint Francis University Students' Party Affiliations and Permissiveness Toward Using Torture to Combat Terrorism.	Elise Dumouchelle	International Studies & Spanish
The Year My Brother Went to War	Kathryn Dunleavy	English Secondary Education
Spider Family Diversity as an Indicator of Ecological Health and Human Impact	Kristen Endres	Aquarium & Zoo Science
The Maureen Molloy Guide to Dealing with Rejection	Molly Fisher	English & Women's Studies
Industry and Railroading in the 21st Century	Brandon Fiume	Computer Science & Cybersecurity
Are the People who Recreate the Most in the Outdoors Doing More Harm to the Environment Than they Think?	Samuel Forcenito	Environmental Studies
Forecasting Mine Reclamation Funding in the United States	Michael Gallagher	Environmental Engineering & Mathematics
The Extent of Which Social Media Platforms have Influenced the Mental Health and Wellbeing of Young Adults	Emma Gentile	Physician Assistant Sciences
Understanding Lower Limb Amputations and Prosthetics	Caroline Gillespie	Physical Therapy
Women in the World War II Workforce and How Race and Class Affected Their Experiences	Adiya Golden	History & Political Science
Initiating ISA: An Aspiring Author's Journey in Writing and Worldbuilding	Gabriel Graham	Environmental Engineering
Uniquely Generic	Kei-shon Graham	Psychology
The Relationship Between Dietary Intake and Muscle Glycogen in NCAA D1 Endurance Runners	Monica Gregg	Physical Therapy
Protecting Unpopular Voices: Analyzing the U.S. Supreme Court's Evolving Interpretation and Defense of Speech Through the 20th Century	Nate Hayes	History
Effects of COVID-19 Precautions on the Transmission of Respiratory Infections	Rebecca Hollobaugh	Physician Assistant Sciences
The Adventures of Dr. Snow and the Blue Snowflakes	Madaline Johnston	Biology
Aluminum AMD: Analysis and Remediation	Michelle Karpinsky	Chemistry

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Comparing Business Models of Western Boy Bands to Korean Idol Groups	Trisha Keller	Accounting
A study of economic indicators & development in rural areas on entrepreneurship	Alexander Kiepert	Business Analytics & Finance
Effects of Occupational Licensing on CPAs	Hannah Kraus	Accounting & Spanish
Outsider Candidates: Trend of Flash in the Pan?	Cory Kumpf	Political Science & International Studies
Cytochrome c and Self-Assembled Monolayers	Logan Luchs	Biology
Burnout: Emergency First Responders During the COVID-19 Pandemic	Camille Lyter	Nursing
Music Therapy: A Simple Solution to Some of Medicine's Most Complex Conditions	Zachery Marker	Physician Assistant Sciences
The Emotional Toll that Injury Takes on Recovering NCAA Division I Athletes	Madelyn Marzina	Physician Assistant Sciences
Caffeine Consumption Among Division I Student-Athletes	Bailey McCormick	Physician Assistant Sciences
The Niche Reformation: How the Streaming Revolution Reflects on the Greater Social Dilemma	Randee McGee	Accounting
Nutrition Education and Skills Development	Shannon McGinnis	Public Health
Food Allergies: Assessment of Saint Francis University Population Needs and Programmatic Interventions to Raise Awareness	Grace McKerman	Chemistry Secondary Education
Body Composition and Resting Metabolic Rate: Comparing the Accuracy of Various Predictive Methods	Hayley Mesmer	Exercise Physiology 3+3 PT
Effects of Technology in the Classroom	Nathan Moore	Computer Science & Mathematics
Mental Health of Older Adults Living in Nursing Homes After the Covid-19 Pandemic	Samantha Murphy	Physical Therapy
Creating an Inquiry Based Cell Laboratory Experiment for High School Students to Encourage Careers in Cancer Research	Tyler Napora	Biology
Quantitative Analysis of Patient Comments Regarding Adherence to Exercise Oncology Rehabilitation Program	Shaelyn Parry	Biology & Exercise Physiology
Review of Treatment-Resistant Depression and How Neurometabolic Deficiencies May Be Involved	Alana Recktenwald	Physician Assistant Sciences
Mental Health in Student Athletes an Ongoing Epidemic. How does a global pandemic factor into this already existing epidemic?	Sophie Rice	Biology
The Current State of Healthcare for Latin American Immigrants in the United States of America	Ben Ross	Biology & Spanish
A Shortage of Bone Marrow--Why Is There a Lack of Mixed-Race Bone Marrow Donors in The U.S. within an Ever-Growing Diverse Population?	Laura Roth	Physician Assistant Sciences
Best Practices for Shelter Dog Training in College: Community Engagement Route	Eva Schall	Aquarium & Zoo Science
The Investigation of the Behavior of Dissolved Metal Content and pH Trends at Klondike KL@ Mine and Swank 13 Mine Open Limestone Channels	Jessica Schulte	Chemistry
How Does Eye Gaze Technology Aid in the Establishment of Routines During Instruction for Students with Exceptional Needs?	Megan Shingler	Early Childhood-Special Education
Has the Development of Environmental Accounting Allowed Companies to Adopt Environmentally Conscious Practices Without Compromising the Integrity of Their Business	Renee Surma	Accounting & Biology
Become That Someone: The Catholic Franciscan Experience: "To What Extent Do Catholic Franciscan Universities Positively Impact Student Well-Being?"	Joseph Theiss	Public Health
Effectiveness of Mental Practice for Improving Dexterity in Parkinson's Disease	Alexander Tietjens	Physical Therapy
What's the Real Relationship Between Science and Religion? An Exploration of How Knowledge Came to Be and Its Implications for the Future	Vanessa Valovage	Mathematics & Computer Science
"So I've Got More Ideas": Writing the Sequel Novel in a Young Adult Series	Anthony Vassalotti	Chemistry
The Effects of Life Stress on the Injury Rates in Collegiate Level Female Soccer Athletes	Sarah Ward	Physician Assistant Sciences
West of Gomorrah	John Weidner	English
Human Health and the Climate Crisis	Megan Wood	Psychology & Spanish
Genetic Frequency of the MDR1 gene in Dogs in Central Pennsylvania	Madison Wright	Biology, Biochemistry & Chemistry
Beyond the Bonnet: Understanding the Appeal of Amish Fiction	Sarah Zakrzwski	History Secondary Education