HAUBER
RESEARCH FELLOWSHIP PROGRAM

LOYOLA COLLEGE OF ARTS + SCIENCES

2023 HAUBER FELLOWS

Developing a Sustainable Chemoenzymatic Approach to β-Carbolines
Hauber Fellow: Nicholas Gruenfelder
Faculty Mentor: Dr. Courtney Hastings, Chemistry and Biochemistry

The Walking Buddy: an Economical Innovation in Walking Sticks for the Visually Impaired
Hauber Fellow: Alex Kranov
Faculty Mentor: Dr. Suzanne Keilson, Engineering

The determination of necrophagous fly species oviposition habits on piglets with postmortem wounds in varying locations on the body and varying wound ages.
Hauber Fellow: Lily Mead
Faculty Mentor: Dr. David Rivers, Forensic Science

Studying Binding in TPGS-750-M Micelles using Competition Reactions
Hauber Fellow: Benick A.M. Mbaya
Faculty Mentor: Dr. Courtney Hastings, Chemistry and Biochemistry

Developing a Sustainable Chemoenzymatic Approach to β-Carbolines
Hauber Fellow: Ayoboni Odukoya
Faculty Mentor: Dr. Courtney Hastings, Chemistry and Biochemistry

Smart Contract Vulnerabilities Tools Comparison
Hauber Fellow: Jarno Ottati
Faculty Mentor: Dr. Henrique Rocha, Computer Science

Noise in Quantum Computation: Understanding its Impact and Means of Mitigation
An IBMQ Adder Case Study
Hauber Fellow: Jefferson Rice
Faculty Mentor: Dr. David Hoe, Engineering

Optimization of Small-Scale Production of Insulin Glargine
Hauber Fellow: Anna Rico
Faculty Mentor: Dr. Lisa Scheifele, Biology

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Investigation of the effect of pre-heating welds in Chromoly Steel
Hauber Fellow: Paul Ruch
Faculty Mentor: Dr. Yanko Kranov, Engineering

The Role of Sleep in Age-Related Cognitive Decline: A Search for Cellular and Molecular Substrates
Hauber Fellow: Bradley Stinnette
Faculty Mentor: Dr. Craig Myrum, Biology

Simulating Player Profiles for an R-Based Baseball Game
Hauber Fellow: Patrick Turek
Faculty Mentor: Richard Auer, Mathematics and Statistics