INSIDE FRONT COVER

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Land Acknowledgement

Gladis Kersaint, *Vice Provost for Academic Affairs*

Welcome

Jennifer Lease Butts, *Associate Vice Provost, Enrichment Programs and Director, Honors Program*

Remarks

Anne D'Alleva, *Provost and Executive Vice President for Academic Affairs*

Introduction of Student Speaker

Jeanine Gouin, '87, *Board of Trustees, Vice Chair of Academic Affairs Committee*

Honors Scholar Address

Eva-LaRue Barber, *'25 Honors Scholar and University Honors Laureate*

Presentation of Medals to University Scholars

Nomenclator

Kenneth Cormier, *Director, Individualized & Interdisciplinary Studies Program Coordinator, University Scholar Program*

Assisted by

Deanna Fitzgerald, *Dean, School of Fine Arts*

Kristen Govoni, *Associate Dean, College of Agriculture, Health and Natural Resources*

Ofer Harel, *Dean, College of Liberal Arts and Sciences*

Presentation of Medals to Honors Scholars and University Honors Laureates

Nomenclator

Kenneth Cormier

Assisted by

Jeanine Gouin, *'87*

Bryan Pollard, *'85, Board of Trustees*

Presentation of Medals to Honors Scholars

Nomenclator

Jaclyn Chancey, *Enrichment Programs Director for Curriculum, Assessment, and Planning and Associate Director, Honors Program*

Assisted by

Gladis Kersaint

Ji-Cheng "JC" Zhao, *Dean, College of Engineering*

Fumiko Hoeft, *Dean and Chief Campus Administrator, UConn Waterbury*

Philip Hritcko, *Dean School of Pharmacy*

Anne Langley, *Dean, UConn Library*

Laura Burton, *Department Head, Educational Leadership, Neag School of Education*

Nora Madjar, *Associate Dean, School of Business*

Daniel Mercier, *Director of Academic Affairs, UConn Avery Point*

Eboni Nelson, *Dean, School of Law*

Victoria Vaughan Dickson, *Dean, School of Nursing*

Concluding Remarks

Jennifer Lease Butts

The duties of Marshal were performed today by

Tim Beaucage, *Honors Program Advisor and STEM Scholar Coordinator*

Jaclyn Chancey

Kaitlin Heenehan, *Associate Director, Honors Program at the Regional Campuses and Director, Regional Campuses for Enrichment Programs*

Donielle Joslyn, *Program Coordinator, Honors Program*

Anne Kim, *Assistant Director for Honors Advising*

Patricia Szarek, *Associate Director for Enrollment Management*

University Scholars

This prestigious and highly competitive program enables talented, motivated, and innovative students to design plans of study geared toward their special interests. Working closely with a committee of three faculty advisors, University Scholars undertake learning opportunities far beyond the typical plan of study and produce significant scholarly and creative projects, such as works of art and research theses. Graduation as a University Scholar is the highest academic honor the University bestows upon undergraduate students. Following is an alphabetical listing of graduating University Scholars, their majors, their project titles, their faculty advisors, and their project descriptions. The principal advisor for each student's University Scholar project is the first advisor listed.

*University Honors Laureate **Honors Scholar

ANABELLE SHIRLEY BERGSTROM ** B/BOLD/H/SPinL

Philosophy and Political Science

Deadly Choices: Political, Legal, and Moral Understandings of U.S. Supreme Court Death Penalty Decisions

Advised by: Virginia Hettinger, Paul Bloomfield, Richard Wilson

Anabelle's project investigates the various factors that influence Supreme Court justices when penning death penalty decisions. It also examines an evolution of thinking toward capital punishment by the late justices John Paul Stevens and Harry Blackmun through the use of their personal papers on collection at the Library of Congress.

RACHEL ELIZABET CLEVELAND ** B

Physics

Determining the Parameters that Drive the Coevolution of Black Holes and Galaxies

Advised by: Daniel Angles-Alcazar, Cara Battersby, Lea Ferreira dos Santos

Rachel studies the coevolution of black holes and galaxies using cosmological simulations. These simulations allow her to adjust key parameters and explore their effects on the relationship between these cosmic entities.

ZACHARY COTTER US ONLY B

Speech, Language & Hearing Sciences

Fine Motor Skills and Spoken Language among Minimal to Low Verbal Autistic Adolescents

Advised by: Lindsay Butler, Inge-Marie Eigsti, Derek Houston

Zachary's project is a synthesis of his interests in sign language and autism. It explores relationships between motor skills and spoken language use among low-verbal autistic adolescents. He hopes that this research will provide a foundation for future research leading to breakthroughs in effective language interventions for this population.

KAREN LAU ** B/BOLD/H/SPinL

Economics, History, and Individualized: Asian and Asian American Studies

Reaping What They Sew: Exploring the Chinatown Garment Industry's Labor Organizing in Response to Global Economic Shifts and its Afterlives on Economic Justice

Advised by: Fiona Vernal, Shareen Hertel, Delia Furtado, Bandana Purkayastha

This project explores how the International Ladies' Garment Workers' Union mobilized workers in Manhattan's Chinatown and advocated for their labor rights during globalization and the onset of imports and free trade. This project used a mixed-methods approach, including archival research, oral history, and difference-in-differences regressions.

LISA HONG LIANG ** B/H/S

Chemistry

Nanocarrier Mediated Delivery of Therapeutic Nucleic Acid for Targeted Brain Tumor Therapy

Advised by: Jessica Rouge, Nicholas Leadbeater, Michael Keinzler, Raman Bahal

Lisa's project, supervised by Professor Jessica Rouge in the UConn Chemistry department, aims to improve targeting of a therapeutic nanoparticle to more effectively treat glioblastoma, the most aggressive brain tumor. Her project's prospective application is to improve targeted medication for brain cancer.

NEO XIA YU LIN **

Chemistry

Sensing Magnetic Fields with Emissive Molecular Qubits

Advised by: Tomoyasu Mani, Nicholas Leadbeater, Jing Zhao

Neo aims to develop a new type of quantum bits based on fully organic molecules. Unlike current quantum bit technologies, Neo's approach can overcome the tyranny of cryogenic conditions and billion dollar infrastructures. These quantum bits are even sensitive to magnetic fields and can have their information carried through visible light.

FRASER HUW MCGURK ** NE

Molecular and Cell Biology

Role of the Macrophage-to-Myofibroblast Transition in the CD13-Dependent Implant-Induced Foreign Body Response

Advised by: Mallika Ghosh, Eugene Pinkhassik, David Daggett, Syam Nukavarapu

The body's immune response to surgical implants involves a complex series of inflammation and fibrosis, potentially resulting in implant failure. Fraser is investigating the role of the macrophage-to-myofibroblast transition in medical implant fibrosis. This research will help uncover the diverse makeup of the peri-implant immune microenvironment.

PRANAV PARTHASARATHY SESHADRI ** B/H/S

Exercise Science

Surgical Compared to Nonoperative Treatment on Return to Sport among Overhead Athletes with a History of Ulnar Collateral Ligament Tear

Advised by: Steven Harrison, Linda Pescatello, Jeffrey Kinsella-Shaw

Overhead athletes are prone to ulnar collateral ligament (UCL) tears due to repetitive throwing motions and high stresses on the elbow joint. This project analyzes return-to-play outcomes for surgical and nonoperative treatments in overhead athletes with UCL tears, providing insights to support clinical decision-making.

MAKENZIE ROSE SMITH ** B

Art History

Reconstructing Art and Evidence: Forensic Architecture in Institutional Settings

Advised by: Robin Greeley, Jose Falconi, Michael Orwicz

Forensic Architecture (FA) is a multidisciplinary collective that investigates instances and visually reconstructs sites of human rights abuse perpetrated by governments, militaries, and corporations. FA presents cases in various institutional settings–from legal courts to art museums. This project examines how FA's work redefines art and evidence.

NICHOLAS KLAUS THIEL-HUDSON ** NE

Physics and General Program in Music

Rare-Earth Manganites for Quantum Sensing

Advised by: Menka Jain, Ronald Squibbs, Peter SchweitzerNicholas

Thiel-Hudson's work has focused on the synthesis and tunability of rare-earth manganites, a kind of solid-state material. The unique magnetic and electrical properties of these materials make them suitable for numerous technological applications, such as magnetic sensing.

NATHAN DAVID VELAZQUEZ ** NE

Pathobiology

Investigating Regulation of Neutrophil-mediated Inflammation in Mycoplasma Pneumoniae Infection

Advised by: Steven Szczepanek, Steven Geary, Clinton Mathias

Nathan's research focuses on neutrophils, immune cells that usually protect against bacteria, but can damage lung tissue during Mycoplasma pneumoniae infections (walking pneumonia). This project studies how other immune cells, like B cells, may reduce this damage, with implications for treating infections where overactive immunity worsens disease.

MICHAEL ALEXANDER VRIONIDES NE

Chemistry

Photo-switchable Photocatalysts for ATRA Reactions

Advised by: Michael Kienzler, Tomoyasu Mani, Chathura Abeywickrama

Michael has been creating and characterizing a new class of green organic catalysts that can be used to generate carbon-carbon bonds. These catalysts do not use any heavy metals and could be used as an alternative to catalysts with a greater environmental footprint.

NAZANIN ZAER ** B/SPiM

Molecular and Cell Biology

Exploring Healthcare Barriers: Immigrant and Provider Perspectives

Advised by: Fumilayo Showers, Amir Kouzehkanani, Juliet Lee

For the past two years, Naz has studied healthcare barriers immigrant patients experience in Connecticut from the perspective of patients and healthcare providers, using linked surveys. This research helped identify the specific needs of immigrants, leading to improvements in delivery of healthcare to promote health equity.

CRYSTAL ZHU ** NE

Biological Sciences

Unveiling and Illustrating the Diversity of Lichen-Forming Fungal Species in Chile

Advised by: Bernard Goffinet, Louise Lewis, Paul Lewis, Alison Paul

Crystal used DNA data to research the diversity, systematics, and taxonomy of Chilean lichens from the two groups Sticta and Pseudocyphellaria. She also incorporated her interest for connecting science and art, and created a set of illustrations that highlighted the unique features of these lichens.

Honors Scholar and University Honors Laureates

These students have completed a rigorous academic program that culminated in the production of an Honors thesis or creative project. The requirements for graduating as an Honors Scholar include a minimum of fifteen Honors credits in the major (or approved related areas), engagement in the major field outside the classroom, and a total grade point average of at least 3.4. The University Honors Laureate designation recognizes graduating Honors Scholars who have completed depth in the major as well as breadth across the disciplines. In order to earn the University Honors Laureate designation, Honors Scholars demonstrate additional academic achievement and creative productivity, a commitment to community involvement, and leadership. The following list of students are graduating as Honors Scholars and University Honors Laureates, indicating their Honors Scholar majors, their thesis titles, and the faculty advisors for their theses.

CHRISTINA COURTNEY AGLIECO NE/SPiPh
Doctor of Pharmacy
Detection of Covid-19 Variants
Advised by: Brian Aneskievich

AKRAM ALHADAINY B
Biomedical Engineering
Synthesis and Characterization of Sustainable Gels with Enhanced Mechanical Robustness
Advised by: Rajeswari Kasi

SHRAVYA ANISETTI NE/STEM
Physiology and Neurobiology
Analyzing the Heterogeneity of Granule Cell Precursors in Post-Natal Mouse Cerebella
Advised by: Yuanhao Li

MITRA ELIZABETH ATIGHECHI
Finance
A Detailed Exploration of Private Credit
Advised by: Alexander Amati

TAKERA ABBIGAIL BAILEY NE
Accounting
Analyzing the Effects of the 2011 Alcohol Excise Tax Increase in Connecticut
Advised by: Francis Murphy

EVA-LARUE MICHELLE BARBER
Allied Health Sciences
Ring-Opening Polymerization of Caprolactone with Tin(II) Complexes: A Comparative Analysis of Ligand Effects on Catalytic Activity
Advised by: Alexandru Asandei

KIMBERLY ROSE BERARDIS NE/SPiPh
Doctor of Pharmacy
Fluorescent Labeling and Size-Dependent Uptake of Mesoporous Silica Nanoparticles in Ovarian Cancer Tumor Spheroids
Advised by: Xiuling Lu

ANABELLE SHIRLEY BERGSTROM B/ BOLD/H/SPinL
Political Science
Deadly Choices: Political, Legal, and Moral Understandings of U.S. Supreme Court Death Penalty Decisions
Advised by: Virginia Hettinger

ANABELLE SHIRLEY BERGSTROM B/ BOLD/H/SPinL
Philosophy
Deadly Choices: Political, Legal, and Moral Understandings of U.S. Supreme Court Death Penalty Decisions
Advised by: Paul Bloomfield

AROHI BHOWMIK STEM
Physiology and Neurobiology
Insights into Early Childhood Immune Response: Decoding the Link Between Sleep Duration and Cytokine Activity in Preschoolers
Advised by: Eileen Condon

ALEXANDRA NOEL CALABRO NE
Mechanical Engineering
Bubble Dynamics and Boiling Phenomena in Liquid Hydrogen
Advised by: Ugur Pasaogullari

AYDIN BIRK CALSETTA B
Physiology and Neurobiology
Evaluation of the Effect of Periarticular Steroid and Local Anesthetic Injections on Managing Osteoarthritic Pain
Advised by: Lakshmi Nair

MARIA A CHOUDHRY NE
Allied Health Sciences
Relationship Between Psychological Distress and Caregiving Responsibilities in Working Parents in Spain Two Years into the COVID-19 Pandemic
Advised by: Aviana Rosen

MAKENZIE LEIGH COSSETTE NE/SPinL
Individualized: Law and Society
U.S. Supreme Court Legitimacy: Public Perception in the Post-Roe Era
Advised by: Kimberly Bergendahl

EMMA JANE DAVIES S/B
Psychological Sciences
Mediators of MBSR Interventions' Effects on Mental Health: A Systematic Review
Advised by: BlairJohnson

FARIHA FARDIN STEM
Molecular and Cell Biology
A Comparative Analysis of Cell Fate Decisions Made by Mesenchymal Stem Cells and FAPs
Advised by: David Goldhamer

TOBIAS FRAEDRICH NE
Nursing
Nurse-Physicians: From Nursing School to Practicing Physician
Advised by: Carrie Eaton

AIDAN ANTHONY GALISH NE
Psychological Sciences
Seeing Safety: An Eye-Tracking Study
Advised by: Alexandra Garr-Schultz

LEJDINA GECAJ NE
Allied Health Sciences
The Relationship Between Psychological Distress, Social Media Use, and Alcohol Use in the Context of the Ukraine War and the Ongoing COVID-19 Pandemic among Adults in Spain
Advised by: Aviana Rosen

ANAGHA SACHIN GOGATE B/SPiPh
Doctor of Pharmacy
Inotersen, an FDA-Approved Antisense Oligonucleotide Drug for Advanced Treatment of Amyloidosis and Challenges
Advised by: Xiaobo Zhong

KARIMA MOHAMED HAMADA
Computer Science
Screen Time or Playtime? The Hidden Cost of Social Media and How the Digital Revolution is Reprogramming the Well-Being of Our Youth
Advised by: Phillip Bradford

ISABELLA GRACE HELGESON B/BOLD/SPiM/STEM
Physiology and Neurobiology
Sex-based Differences in Volumetric Muscle Loss
Advised by: Randall Walikonis

AFRIDA HOQUE
Biomedical Engineering
Development of Phantom Skin Focusing on Acoustic Impedance
Advised by: Patrick Kumavor

AFRIDA HOQUE
Chemical Engineering
Polymerization of Size Controlled Nano-rings
Advised by: Mu-Ping Nieh

ZUHAYR HUSENI NE/STEM
Computer Science
AI-Driven Analysis of Mobile Usage Patterns for Early Detection of Generalized Anxiety Disorder
Advised by: Tingting Yu

ASHLEY JACOB B
Computer Science
Analyzing the Ability of LLMs to Process Information from PDFs
Advised by: Dong Shin

MADELINE GRACE JAKUBOWSKI NE
Molecular and Cell Biology
Toying with Attention: Analyzing Attention Patterns in Children with Hemiplegic Cerebral Palsy Engaged in a Ride-on-Toy Navigation Training Program
Advised by: Sudha Srinivasan

RIA KARUN B
Nursing
Perceived Stress and Sleep Quality among Black and Hispanic Women of Childbearing Age: An Observational Descriptive Study
Advised by: Nancy Redeker

ROSHNI KARUN B/SPiPh
Doctor of Pharmacy
Cannabis-induced Self-injurious Behavior: A Systematic Review
Advised by: Kristin Waters

KORTNEY JEANNE KNUDSEN NE/SPiPh
Doctor of Pharmacy
Creation of Tandem Mass Spectrometry Library of Synthetic Porphyrins
Advised by: Alexander Aksenov

DAMINI LAKSHMIPATHY STEM
Molecular and Cell Biology
Screening and Isolation of Polyethylene Terephthalate-Degrading Microbes from Environmental Samples
Advised by: Daniel Gage

EMILY ELIZABETH LAPUT NE/S
Marketing
Assessing Leadership in Business: A Critical Investigation of Lorne Michaels
Advised by: Nell D'Auria

JOSHUA JIAN LEE B
Statistical Data Science
NASCAR Qualifying Analytics: Optimizing Driver Performance through Comparative Analysis
Advised by: Jun Yan

WILLIAM RENÃ LIVESAY NE
Physics
Development of Polarized High-Energy Photon Beams Using Coherent Bremsstrahlung
Advised by: Richard Jones

ISABELA LONDONO
Psychological Sciences
Racial and Ethnic Barriers on Effective Communication and Treatment for Eating Disorders in Adolescents
Advised by: Amy Egbert

TAYLOR PAIGE LORDO B
Molecular and Cell Biology
Self-Reported Access to Oral Health Care and Perception of Oral Health from 2011 to 2020
Advised by: Sharon Smith

KAILA LUJAMBIO RIOS B/SPiDM/S
Allied Health Sciences
Examining Runx2 Expression During Odontoblast Differentiation in Mouse Teeth
Advised by: Aviana Rosen

YOUSSEF MICHAEL MACARY
Management
Assessing Leadership in Business: A Critical Investigation of Tim Cook
Advised by: Nell D'Auria

SAMANTHA ROSE MAIOLO B/SPiEd
Spanish Language Education
College Sojourners' Reentry Experiences after Studying Abroad
Advised by: Catherine Little

ALEXANDRA NICOLE MARINESCU NE
Physiology and Neurobiology
Synovial Microcirculation in Models of Osteoarthritis
Advised by: Sanja Novak

SUCHITHA MISRA NE
Computer Science
Employee Attrition: Analyzing Key Factors for Effective Retention Strategies
Advised by: Phillip Bradford

SAM A. MUQBIL
Economics
Anti Trust Case (Visa - AMex) and the Study of Two Way Markets
Advised by: Richard Langlois

CLAIRE WINIFRED MURPHY B/BOLD/SPiM
Molecular and Cell Biology
Identifying Risk Factors for Disordered Eating in Adolescent Athletes
Advised by: Elizabeth Kline

LEON DUC NGUYEN B
Statistical Data Science
Climbing and Crossing Career Ladders: An Analysis of Job Mobility Trends
Advised by: HaiYing Wang

LAUREN DOROTHY PANZA NE
English
Dangers of Desensitization of Crime Through Literature
Advised by: Erika Williams

NAIIYA ASHOK PATEL NE
Accounting
Assessing Leadership in Business: A Critical Investigation of Meredith Kopit Levien
Advised by: Nell D'Auria

ISABELLE DAENERYS HALPINE PEREZ B
Mathematics/Statistics
Nonlinear Infinite-order Vector Autoregression Based on Recurrent Neural Networks
Advised by: Yao Zheng

ARIA PENNA SPinL
Finance
Banking on Relationships: Management Ties vs. Institutional Capabilities in Investment Bank Selection for Equity Issuance
Advised by: Steven Wilson

KRITHIKA SANTHANAM NE/BOLD
Individualized: Health Policy and Racial Disparities
Beyond Society's Labels: a Foundation on Disability Advocacy in South India
Advised by: Ryan Talbert

CAROLINE JOY SHADMAN B
General Program in Music
Instrumental Teachers and Their Musical and Pedagogical Decisions Around Gender
Advised by: Cara Bernard

AYANA MALANSHRESTHA
Biomedical Engineering
Myokines and Small Molecules Seeded onto Decellularized Scaffolds to Promote Osteogenesis and Myogenesis for Bone-muscle Defect Repair
Advised by: Syam Nukavarapu

YANA E. TARTAKOVSKIY NE/SPinL
Health Care Management
The Consequences of Dobbs v. Jackson - Women's Health Through the Eyes of Nurses
Advised by: Carrie Eaton

NICHOLAS KLAUS THIEL-HUDSON NE
Physics
Rare-Earth Manganites for Quantum Sensing
Advised by: Menka Jain

AARTHI TIPPIREDDY SPiM
Physiology and Neurobiology
Joystick-Operated Ride-On-Toy Training: Task-Based Assessment of Upper Extremity Improvement in Children with Unilateral Cerebral Palsy
Advised by: Sudha Srinivasan

ALEXANDRA ELIZABETH WYNNE
General Program in Music
Please Heed the Call: Music as a Tool for Collective Political Action in the U.S. Civil Rights Movement
Advised by: Elizabeth Sallinger

ALEXANDRA ELIZABETH WYNNE
Political Science
Please Heed the Call: Music as a Tool for Collective Political Action in the U.S. Civil Rights Movement
Advised by: Frederick Lee

VICTORIA KYOUNG YI NE
Molecular and Cell Biology
Investigating the Roles of Myosin L and Myosin F in the Survival of Toxoplasma gondii
Advised by: Aoife Heaslip

NAZANIN ZAER B/SPiM
Molecular and Cell Biology
Exploring Healthcare Barriers: Immigrant and Provider Perspectives
Advised by: Susan Levine

H - Holster Scholar
Holster Scholars are recipients of this selective enrichment opportunity available only to first-year Honors students. This program awards grants to enable these selected Honors students to pursue in-depth and innovative projects during the summer. All Holster Scholars receive focused guidance from a faculty mentor and present their work in the fall of their sophomore year at the Holster Scholar Symposium.

BOLD - BOLD Scholar
The BOLD program focuses on facilitating opportunities for women's leadership on campus through scholarship funding, programming, and engagement in service/leadership projects. Utilizing a cohort model, a small group of students are selected to receive scholarships via a competitive application process. This scholar made a 2-year commitment to this program and worked closely with program leadership and mentors to develop individualized projects.

S - Stamps Scholar
The Stamps Scholars Program was founded by E. Roe Stamps and his late wife Penny in 2006, with the purpose of enabling extraordinary educational experiences for extraordinary students. UConn Stamps Scholars receive generous scholarship support with additional funds for enrichment opportunities such as study abroad, academic conferences, and leadership training.

STEM - STEM Scholar
STEM (Science, Technology, Engineering, and Math) Scholarship awards awarded to first-year applicants are based on strong academic performance in high school, experience in and commitment to STEM outside of the classroom, and community engagement. STEM Scholars have met annual requirements throughout their undergraduate experience, while also engaging in additional networking and development opportunities.

R - Rowe Scholar
This scholarship and enrichment program began through the generosity of Drs. John and Valerie Rowe to support students from backgrounds underrepresented in the health fields. This program provides Rowe Scholars with scholarship support, robust academic and experiential opportunities, and supportive community to prepare these scholars to take their place as leaders in the health professions community.

B - Babbidge Scholar
These scholars earned a minimum a perfect 4.0 GPA for both spring and fall semesters in the calendar year of 2022.

NE – New England Scholar
These scholars earned a minimum 3.7 GPA for both spring and fall semesters in the calendar year of 2022.

SPMD – Special Program in Medicine/Dental Medicine
This program provides a path to medical or dental school that offers students a unique opportunity for academic, personal, and social development and enrichment during their undergraduate years. Developed to encourage students to explore diverse opportunities that they might not otherwise consider in a traditional pre-medicine/dental study plan, this academic opportunity has created a more diverse and well-rounded student for entry to professional school.

SPL – Special Program in Law
This program is a unique and highly selective program that supports students throughout their undergraduate years to prepare them for the challenges of law school.

SPE – Special Program in Education
These students are connected to UConn's Neag School of Education during their first two years of undergraduate study through courses, seminars, research opportunities, and mentorship, all aimed at supporting the achievement of curricular and career goals. The purpose of this program is to nurture a diverse group of highly motivated students who are interested in working in areas of teaching shortages in the State of Connecticut.

SPPh – Special Program in Pharmacy
This program offers talented students who are focused on a career in pharmacy the opportunity to combine pharmacy instruction and training. The program's purpose is to nurture a diverse group of highly motivated students to succeed with more flexibility and enrichment in their undergraduate and professional studies. This six-year program links two years of pre-requisite and general education coursework with four years of professional pharmacy education resulting in two degrees: a BS in Pharmacy Studies and Pharm.D.

Honors Scholars

These students have completed a rigorous academic program that culminated in the production of an Honors thesis or creative project. The requirements for graduating as an Honors Scholar include a minimum of fifteen Honors credits in the major (or approved related areas), engagement in the major field outside the classroom, and a total grade point average of at least 3.4. Following is a list of students graduating as Honors Scholars, their Honors majors, their thesis titles, and the faculty advisors for their theses.

REBECCA GABRIELA ABIRACHED B
Medical Laboratory Sciences
Use of Time-Lapse Imaging as an Effective Method to Provide Insight into the Phenotypic Responses of Hematopoietic Progenitor Cells
Advised by: Bruce Blanchard

MARYAM ABU-HASABALLAH NE
History
Student Protest: A Reflection on Administrative Response, Student Perspectives, and the Continuity of a Phenomenon
Advised by: Clarissa Ceglio

BENJAMIN RIVERA ACORDA STEM
Computer Science
Node Classification in Dynamic Networks Using Graph Convolutional Networks
Advised by: BingWang

DANIELLE ELIZABETH ADAMS B
Allied Health Sciences
A Comparative Analysis of Body Composition and Bone Density Across Collegiate Sports: Investigating Sex and Sport-specific Differences
Advised by: Jennifer Fields

AIDA BUSE ADIGUZEL NE
Chemistry
Phosphate Sensing: The Role of Inorganic Metal Complexes in Selective Detection
Advised by: Christian Brueckner

OSIR EKUA ADU-MAAFO NE
Digital Media & Design
2024 Presidential Election: Social Media Analysis on Swing States and Crime
Advised by: John Murphy

ARAVIND NAIDU ADUSUMALLI B
Computer Science
Source Address Validation (SAV) as a Defense Mechanism Against Bandwidth-Depleting DDoS Attacks and IP Address Spoofing
Advised by: Amir Herzberg

SUNAINA ADVANI B/SPiM/STEM
Pathobiology
User-Centered Design of a Weight Loss Mobile Application
Advised by: Sherry Pagoto

PRIYANSHU AGRAWAL B/STEM
Computer Science & Engineering
Development and Implementation of a Fast Motion Planning Algorithm for Robots in Dynamic Environments
Advised by: Shalabh Gupta

FOLUKE SHARON AKINKUNMI BOLD/NE
Political Science
The Politics of the Black Womb: How Education and Power Reinforce the U.S. Black Maternal Health Crisis
Advised by: Jane Gordon

JOSHUA CHUKWUEMEKA AKOSA B/S
Physiology and Neurobiology
Ablation of Microglial Cells Through CSF1R Inhibitors: A Review of Effects on Microglial Dynamics and Macrophage Populations
Advised by: Randall Walikonis

ASIRVA ALAHARI STEM
Management & Engineering for Manufacturing
The Role of Diversity in Driving Innovation and Productivity in Engineering and Manufacturing
Advised by: Craig Calvert

SOPHIA NICOLE AMARAL NE
Psychological Sciences
Adolescent Adjustment to Parental Separation: Trajectories of Resilience and Vulnerability
Advised by: Jonas Miller

ROBERT JOHN ANCHINI B/STEM
Physiology and Neurobiology
Aronia Supplementation Effects on Caenorhabditis elegans Polyglutamine Aggregation During Heat Stress
Advised by: Elaine Lee

KATHERINE GRACE ANDERSON B
Allied Health Sciences
Analysis of Child-Service Provider Engagement During Rehabilitation Sessions Involving Ride-on Toys in Children with Hemiplegic Cerebral Palsy
Advised by: Sudha Srinivasan

INFANTA CHANDINI ANTONY
Allied Health Sciences
The Impact of Alcohol Consumption on Cortisol Levels in College-aged Women
Advised by: Bruce Blanchard

GERSHON LEVI ARIKER NE
Animal Science
Pulse Oximeter Device for Diagnosing Pneumonia in Horses
Advised by: Kazunori Hoshino

JADEN BRYCE ASTLE B
Cognitive Science
Statistical Analysis of Hippocampal Spiking Activity During Changes in Emotional Context
Advised by: Ian Stevenson

ASHWATH R. ATHREYA B/STEM
Physiology and Neurobiology
The Effects of Creatine Monohydrate and Ketone Body Supplementation on Sleep Disruption Following Traumatic Brain Injury
Advised by: Geoffrey Tanner

ISABEL SOFIA AYALA RODRIGUEZ
Allied Health Sciences
Factors Influencing the Perceived Credibility of Child Nutrition Information on Social Media: A Comparison of Hispanic and Non-Hispanic Mothers' Perceptions
Advised by: Molly Waring

REBEKAH RUTH BACON [B]
Psychological Sciences
The Role of Religion in Psychological Adjustment to Bereavement: Emotion Regulation Beyond Secular Support
Advised by: Crystal Park

COURTNEY PAIGE BALERNA [B]
Nursing
Association Between Neonatal Infant Stressor Scale Scores and Bronchopulmonary Dysplasia Diagnoses
Advised by: Sharon Casavant

MORGAN ROSE BALESANO
Mathematics
Reinventing Mathematics Learning: An Exploration of Undergraduate Mathematics Learning Post-Pandemic
Advised by: David McArdle

VATSAL KRISHNA BANDARU [NE/STEM]
Engineering Physics
Overview of Spin Transport Methods in Semiconductor Heterostructures
Advised by: Faquir Jain

KARYME BARANDA-VILLAFAN [R]
Nursing
The Impact of Culturally Tailored Sexual and Reproductive Health Communication and Technology on Promoting Sexual and Reproductive Health Among Black Female Adolescents
Advised by: Christina Ross

JOSHUA ALEXANDER BARDINELLI [NE]
Computer Science
Analysis of Latency and Security for eBPF-Based and DPDK-Based DNS Resolvers
Advised by: Wei Zhang

BRENDAN ANTHONY BARNETT [B]
Computer Science & Engineering
LLMs to Enhance NCAA Basketball Game Predictions
Advised by: Dongjin Song

MEGHAN ELIZABETH BARRETT
Physiology and Neurobiology
Driving is Fun! Affective Expressions of Children During a Ride-on-Toy Navigation Training Program
Advised by: Sudha Srinivasan

NICHOLAS CHRISTOPHER BENDA
Maritime Studies
Polynesian Representation in Maritime Museum Collections
Advised by: Matthew McKenzie

AISHWARYA TULASI BENZY
Physiology and Neurobiology
Exploring Conditioned Place Preference to Nicotine in a Human Virtual Reality Environment
Advised by: Robert Astur

CANDICE ASHLEY BETANCES [NE]
Nursing
The Influence of Ethical Climate on Nurse Compassion: Pilot Test of Instruments
Advised by: Juliette Shellman

CHELSEA REID BETTS [NE]
Anthropology
Disentangling Natural and Cultural Formation Histories at the Late Natufian Site Hilazon Tachit Using a Multivariate Taphonomic Approach
Advised by: Natalie Munro

KENNETH RICHARD VANDE-VENDER BINGHAM
Natrual Resources
Spatial Analysis of Urban Canopy and Tree Ordinances
Advised by: Anita Morzillo

ERIN MCKENNA BLASZAK [NE]
Biomedical Engineering
Developing a Mobile Application for Education and Guidance in Breast Self-Examinations
Advised by: Patrick Kumavor

WILONA A. BOAFO [NE]
Psychological Sciences
Semantic Context Boosts Word Learning from Low-Informative Events
Advised by: Sumarga Suanda

MICHAEL EUGENE BOBYLOV [B]
Molecular and Cell Biology
Overcoming Autoimmune Barriers in Regenerative Medicine for Type 1 Diabetes
Advised by: David Daggett

GRACE ELIZABETH BONACCI
Biomedical Engineering
Interactive Feedback Cues for Virtual Reality Breast Self-Examination Training Simulator
Advised by: Krystyna Gielo-Perczak

ANNA BONAIUTO [NE]
Psychological Sciences
The Role of Bupropion in the Reversal of Tetrabenazine in Female Rats Running on a FR5/Chow Feeding Schedule
Advised by: John Salamone

LOGAN THOMAS BORGHI [NE]
Mathematics
Gauge Theory on Spin Manifolds
Advised by: Damin Wu

GABRIELLA ROSE BOSH [B]
Biomedical Engineering
Optimizing Human Platelet Lysate for MSC Culture: Addressing Calcium Phosphate Precipitation and Its Cellular Impact
Advised by: Patrick Kumavor

GAVIN ALEXANDER BOUSLOUGH
Environmental Sciences
Legacy Phosphorus Concentration Patterns in Beaver Pond Sediments
Advised by: Ashley Helton

MARIA KATHERINE BRENNAN [B]
Italian Literature & Cultural Studies
The Use of Music as a Pedagogical Tool for Teaching Italian
Advised by: Rosanne Pelletier

MARGARET EIRENE BROWN [NE/SPiPh]
Doctor of Pharmacy
Pharmacist Integration into Emergency Department Antimicrobial Culture Review
Advised by: Cassandra Long

MICHELA ALEXIS BROWN
Biological Sciences
Effects of Poor Maternal Nutrition During Gestation on Male Offspring DNA Methylation and Transcriptome in the Liver
Advised by: Kristen Govoni

DANIEL JAMES BUCKLEY [NE]
General Studies
The Real Huskies in Blue
Advised by: James Hill

AVA ROSE BUCKMIR [B]
Speech, Language and Hearing Sciences
How Individual Differences in Cue Weighting Influence the Link Between Memory and Speech in Noise Perception
Advised by: Emily Myers

JOSHUA DANIEL BUDNIK [NE]
Physiology and Neurobiology
Are Objects Oriented Towards Your Dominant Hand Easier to Recognize While Gripping Dowels?
Advised by: Eiling Yee

MATTHEW JAVIER BURGOS
Psychological Sciences
Why We Wait: A Psychological Review of Procrastination and How to Overcome It
Advised by: James Chrobak

JOHN-HENRY JOSEPH BURKE [NE]
Environmental Sciences
The Role of Nonprofit Organizations in Influencing the Passage of Climate Change Legislation in Connecticut
Advised by: Margaret Boyle

JOSUE OBED CABRERA [NE]
Financial Management
Assessing Leadership in Business: A Critical Investigation of Larry Page
Advised by: Nell D'Auria

ALYSSA CAIATI [B]
Diagnostic Genetic Sciences
Analyzing the Utility of High-Resolution Optical Genome Mapping to Identify Structural Variants in Hematolymphoid Malignancies and Fresh Frozen Tumor Tissues
Advised by: Denise Anamani

ALEXANDRA ELENA CARABETTA [NE]
Diagnostic Genetic Sciences
Optimizing DNA Extraction from Nail Clippings to Improve Molecular Analyses for Hematologic Malignancies
Advised by: Denise Anamani

MEGAN TRINITY CARLMARK [B]
Allied Health Sciences
Quality of Affected Upper Extremity Use During a Ride-On Toy-Based Training Program in Children with Unilateral Cerebral Palsy: A Pilot Study
Advised by: Sudha Srinivasan

TYLER NICHOLAS CARPENTER-BERENDSOHN [NE]
Mechanical Engineering
Optimization of Thermoplastic Welded Tank Design
Advised by: Vito Moreno

JOSEPH ROBERT CARREA [SPinL]
Political Science
NIL Earnings and Opportunities in College Football: Analyzing Disparities Between HBCU and non-HBCU College Football Programs
Advised by: Sandy Grande

JUSTIN CHRISTOPHER CARROLL [NE]
Biological Sciences
How CySCs are Involved in the Dedifferentiation of GSCs in Drosophila Testes
Advised by: Craig Nelson

MAIDA CECUNJANIN [NE]
Finance
Assessing Leadership in Business: A Critical Investigation of Eric Yuan
Advised by: Nell D'Auria

LAURA ALANA CENTANNI [B/STEM]
Animal Science
Immune Response to Long-Term LPS Infusion in Sheep
Advised by: Steven Zinn

JOHN RODERICK ONG CERVANTES [STEM]
Digital Media & Design
Scrap Mechanica
Advised by: Clarissa Ceglio

KEERTANA CHAGARI [B]
Molecular and Cell Biology
Comparative Methylation Analysis Across Juglans Species to Investigate Epigenetic Contributions to Fungal Resistance
Advised by: Jill Wegrzyn

CAROLINE CHEN [B]
Pharmacy Studies
Evaluation of Early Corticosteroid Discontinuation After Adult Heart Transplant
Advised by: William Baker Jr.

DARREN CHEN [B/STEM]
Biomedical Engineering
Application of Deep Learning and Data Balancing Methods for Multiclass Cardiac Rhythm Detection and Classification Using Real-World Smartwatch Photoplethysmography
Advised by: Ki Chon

MOKSHITHA CHIMBILI [B/STEM]
Molecular and Cell Biology
Relationships Between Inattention, Reading Comprehension, and Anxiety
Advised by: Nicole Landi

SAHANA CHINTHAK [NE/STEM]
Physiology and Neurobiology
Assessing the Introduction of a Perinatal Trauma Screening Tool: Maternal and Neonatal Risk Factors in a Case-control Study
Advised by: Kristen Moriarty

AMOGH CHITTAJALLU [NE]
Molecular and Cell Biology
Age-Dependent Mineralization and Osteogenesis in Murine Bones: A Histological and Immunochemical Study
Advised by: Archana Sanjay

DOMINIC CHROSTOWSKI [NE]
Electrical Engineering
Design and Efficiency Characterization of Cascaded H-Bridge Converters
Advised by: Ali Bazzi

KAMALA ROSE CHUSS
Marine Sciences
Using Bivalves as an Indicator of Bacterial Contamination in Bodies of Water
Advised by: Jason Krumholz

RACHEL ELIZABETH CLEVELAND [B]
Physics
Determining the Parameters that Drive the Co-evolution of Black Holes and Galaxies
Advised by: Daniel Angles-Alcazar

LIAM COHEN [NE]
Sociology
Experiences of Neurodiverse Graduate Students in STEM: A Qualitative Analysis
Advised by: Ingrid Semaan

MELITA WAHDE COLLINS
Accounting
Assessing Leadership in Business: A Critical Investigation of Rosalind Brewer
Advised by: Nell D'Auria

CHARLES BAILEY CONDOSTA [B]
Finance
Assessing Leadership in Business: A Critical Investigation of Gwynne Shotwell
Advised by: Nell D'Auria

JOHN GLYNN CONLEY [STEM]
Physics
Polymer Walks on Weakly Adsorbing Spherical Surfaces
Advised by: Elena Dormidontova

BRIAN JAMES COONEY [NE]
History
Stoking the Flames: How French Media Exacerbated the Fall 2005 Banlieue Riots
Advised by: Elizabeth Della Zazzera

HAILEY ANN CORREIA
Human Development and Family Sciences
Protecting Alaska's Children: The Urgent Need for Safe Storage and Child Access Prevention Laws
Advised by: Mary Berthelot

MAKAYLA ROSE COSSETTE [NE]
Molecular and Cell Biology
From Penicillin to Predicament: Tracing the Evolution of Antibiotics and the Challenge of Resistance
Advised by: Ping Zhang

GABRIELLA ROSARIO CRESPO
Mechanical Engineering
Accessible Platform for Reprogrammable Metamaterials
Advised by: Osama Bilal

JULIANNA MAE CUSHNER NE
Finance
Returns in the Cryptocurrency Market Based on Energy Consumption
Advised by: Yiming Qian

JACOB BENJAMIN DAIGNAULT B/SPinL
Political Science
Supreme Court Ethics: A Comparative Study for Reform
Advised by: Kimberly Bergendahl

BRANDON DOUGLAS DAVIS B
Chemistry
Exploring the Synthesis and Reactivity of β-Thiolactones and Uncovering a Facile Synthesis of an Unnatural Amino Acid Amenable to Neoglycosylation
Advised by: Amy Howell

BRENDAN JAMES DAVIS
Finance
Assessing Leadership in Business: A Critical Investigation of Sam Altman, from Visionary to Controversy: The Rise and Fall of Sam Altman
Advised by: Nell D'Auria

VIVIEN JANA DAYTREE NE
Physiology and Neurobiology
Investigating the Ability of the Norepinephrine-dopamine Reuptake Inhibitor Nomifensine to Reverse the Effort-related Effects of Tetrabenazine in Female Rats
Advised by: John Salamone

MARY ELEANORA DE LISE B/STEM
Diagnostic Genetic Sciences
Validation of a Multiplex Ligation-Dependent Probe Amplification (MLPA) Assay for the CYP2D6 Pharmacogene: Implications for Drug Choice and Dosage Recommendations for Poor and Ultra-fast Metabolizers
Advised by: Denise Anamani

LEANN DEL RIO FRANCO
English
We're at War, Right?
Advised by: Julie Choffel

CONNER ROBERT DELAUBELL NE
Finance
Assessing Leadership in Business: A Critical Investigation of Jamie Dimon
Advised by: Nell D'Auria

MORGAN THERESA DENNISON NE/SPiPh
Doctor of Pharmacy
Second-Generation Androgen Receptor Antagonists: Treatment Outcomes in Non-Metastatic Castrate-Resistant Prostate Cancer and an Analysis of Fall and Fracture Risk
Advised by: Lisa Holle

KASIA DEPTULA NE
Biological Sciences
Applying Nanotechnology to Improve Antimicrobial Efficacy During Triple-wash Process
Advised by: Geoffrey Tanner

KESHAV SAI KALYAN DESIBHATLA NE/STEM
Pathobiology
Developing a Library of Random Transposon Mutants in Leptospira
Advised by: Elsio Augusto Wunder

STEPHAN EMMANUEL DESIR NE
Physiology and Neurobiology
Use of CAFE Assay in Determining Relative Preference for Ketone Body Supplemented Food
Advised by: Geoffrey Tanner

ATHANASIOS VASILIS DIMOPOULOS NE
Chemical Engineering
Transport Phenomena and Temperature Responsiveness of Dexamethasone Precipitation Within Subcutaneous Glucose Monitoring Devices
Advised by: Kelly Burke

STELLA MARIE DIPIPPO B
Molecular and Cell Biology
Testing Vivo-Morpholino Mediated Gene Knockdown of STAT6, Spi1b, and HNF4α in Adult Threespine Stickleback
Advised by: Daniel Bolnick

CLAIRE ELISABETH DOBBINS NE
History
Simillimum Deo: Panegyrical Rhetoric as a Mirror of Shifting Roman Identity in Two Ciceronian Speeches
Advised by: Kevin Feeney

ELLIE HUILING DORAN NE
Marketing
Assessing Leadership in Business: A Critical Investigation of Tony Xu
Advised by: Nell D'Auria

ELIZABETH J. DOYLE NE
Civil Engineering
Bridge Performance Comparison for Long Span Bridges Under Hazards in the Northeast
Advised by: Shinae Jang

NOAH CHRISTIAN DUBE B
Mathematics-Actuarial-Finance
A Comparative Analysis of Theoretical and Market-based Options Pricing During Q1 2025
Advised by: Daniel Watt

LANEY ABIGAIL DUNN NE/SPinL
English
An Analytical Study in Culturally Conscious Teaching
Advised by: Kathleen Tonry

ANDREA ROSE DURWIN B
Molecular and Cell Biology
The Effect of Cellular Glucose Levels on Inotersen-Mediated Target Reduction in In Vitro Cell Models
Advised by: Xiaobo Zhong

EMMA KATHLEEN DWYER B
Speech, Language and Hearing Sciences
Effort-Based Linguistic Retrieval Markers and Accuracy of Adult Eyewitnesses with Autism Spectrum Disorder
Advised by: Tammie Spaulding

CECILIA ECHEVARRIA B/SPiEd
American Sign Language Education
Teachers' Beliefs About ASL and Its Impact in the Classroom
Advised by: Hannah Dostal

ALEXIS MARIE ELKINSON NE
Physiology and Neurobiology
Advancing Molecular Diagnostics for Amdoparvovirus: PCR Assay Development and Retrospective Insights
Advised by: Guillermo Risatti

LAUREN GRACE ENRIGHT NE
Mathematics-Actuarial-Finance
Insurance Companies' Response to GLP-1 Drugs: Coverage and Challenges
Advised by: Britta Hay

SOPHIA ANGELINA ESPOSITO SPinL
Political Science
Trump's Lies: An Examination of the Fictitious Perception of Latin American Immigrants as Violent Criminals
Advised by: Charles Venator

CAITLYN ETHERIDGE NE
History
What Did Elizabeth I Think about Invasion?
Advised by: Brendan Kane

NICOLE GOMES EUGENIO
Allied Health Sciences
Generation of a Leptospira Non-Antibiotic Resistant Cassette Mutant using Real-Time PCR
Advised by: Elsio Wunder

MICHELLE AYOOLUWATOMI ADESUWA EWEKA B
Political Science
Race, Gender, and Senatorial Delay in Confirming Federal District Court Judges, 1977 – 2024
Advised by: Matthew Singer

JULIANA RAE FEBRIZIO B
Molecular and Cell Biology
Exploring the Role of Myosin II During the Wound Healing Response of Zebrafish Epithelial Sheets
Advised by: Juliet Lee

KHRYSTYNA FEDYNYAK STEM
Mathematics-Actuarial-Finance
The Impact of Climate Change on Property & Casualty Insurance
Advised by: Daniel Watt

EMILY LYNN FEEST B
English
Narrative Writing in the High School Classroom
Advised by: Darcie Dennigan

LUCINDA DIAS FELIX NE
Allied Health Sciences
Loneliness, Alcohol Consumption, and Coping with Alcohol and Other Drugs Among Mothers
Advised by: Molly Waring

ISABELLA MARIE FERNANDEZ
Cognitive Science
Qualitatively Different Feedback Effects in Recurrent Models of Spoken Word Recognition
Advised by: James Magnuson

GABRIELE FESTA NE
Finance
Assessing Leadership in Business: A Critical Investigation of Mark Cuban
Advised by: Nell D'Auria

LYDIA ALLISON FIELD
Geoscience
Investigating Land Use Induced Sedimentation Behind Two Historic Mill Dams in Eastern Connecticut
Advised by: William Ouimet

JACQUELINE GRACE FLAHERTY NE
Urban & Community Studies
"Fuck You, Fascist": Political Messaging in Superhero Media
Advised by: Stacy Maddern

MICAH CHAIM FLEISCHMAN NE
Physiology and Neurobiology
KCNQ2 Protein is Associated with PIKFYVE
Advised by: Anastasios Tzingounis

TEAGAN FRANSEN B
Elementary Education
Lexile Levels of Graphic Novels: An Analysis of Their Accuracy
Advised by: Del Siegle

CARLY MCKENZIE FRESHER NE/SPinL/STEM
Mechanical Engineering
Design and Analysis of Snow-Permeable Walkway Surfaces
Advised by: Jason Lee

RYAN FRIER B/SPiM
Molecular and Cell Biology
Maintenance of Genomic Stability by Actin Nucleation Factors
Advised by: Kenneth Campellone

ELIZABETH FURMAN NE/STEM
Geoscience
A Description of Late Pleistocene Freshwater Fishes of the Southern Black Hills, South Dakota
Advised by: Andrew Bush

CAILYN MARGUERITE FUSS NE
Allied Health Sciences
Exploring Shared Decision-making for Long-acting Injectable Treatments for Opioid Use Disorder in Community-based Settings
Advised by: Megan O'Grady

GRACE MAY GALARNEAU B
Molecular and Cell Biology
Investigating the Role of B-box Proteins in STRIPY-Mediated Anthocyanin Pigmentation in Mimulus
Advised by: Yaowu Yuan

JEFFREY ANJIE GAO NE/STEM
Computer Science
Robust Clustering of XRPD Data Using Fuzzy Jaccard Similarity and Medoid-based Outlier Reassignment
Advised by: Wei Wei

ADRIANA SOFIA GARCIA VAZQUEZ NE
Cognitive Science
Children's Acquisition of Spanish Causatives
Advised by: William Snyder

ELEANOR ANN GELB NE/SPinL
Political Science
Native Spaces: The Struggle for Colleges to Incorporate Native Frameworks into Curriculums
Advised by: Sandy Grande

MADELINE KELLY GERME B
Speech, Language and Hearing Sciences
Assessing the Validity of Measuring Word Learning in Toddlers
Advised by: Derek Houston

OM SAMIR GHETIA NE
Nutritional Sciences
Interaction Between Fruit and Vegetable Intake and Physical Activity on Body Composition
Advised by: Ock Kyoung Chun

IAN ALVIN GIVENS NE
Management
Assessing Leadership in Business: A Critical Investigation of Mark Cuban
Advised by: Nell D'Auria

ALISON MILARDO GODFREY B
Allied Health Sciences
Relationships Between Health Behaviors and Markers of Oxidative Stress and Inflammation on Blood Pressure
Advised by: Lauren Corso

JOHAN GOMEZ HERNANDEZ
Finance
Assessing Leadership in Business: A Critical Investigation of Ray Dalio
Advised by: Nell D'Auria

KELSEY ANN GORGEI NE
Molecular and Cell Biology
The Impact of Senolytics on Influenza-induced Muscle Dysfunction with Aging
Advised by: Jenna Bartley

ARUN GOVINDARAM STEM
Mechanical Engineering
Engineering Design and Consumer Study of a New Lemon Zester and Juicer
Advised by: Jorge Paricio Garcia

EMMA M. GRIFFIN B
Mathematics/Statistics
Identifying Trends Among University Club Athletes
Advised by: Laura Burton

JULIO CESAR GUAMAN NE
Molecular and Cell Biology
Molecular Cloning and Expression of iuc Genes for Aerobactin Biosynthesis in Escherichia coli
Advised by: Spencer Nyholm

JUSTIN EDWARD GUINTA NE
Individualized: Criminal Behavior
An Autobiographical Account of Social Control Theory and Purpose
Advised by: Ryan Talbert

JUSTIN EDWARD GUINTA NE
Sociology
Pedagogy and Capital: Educational Applications of Social Control Theory
Advised by: Ryan Talbert

TENGYI GUO
History
The Failure of German Liberalism In 19th Century: Perspectives from Political Language
Advised by: William Theiss

MADELINE DOROTHY HAEFELE [B]
Philosophy
Exploring Essentialization, Stereotyping, and Forms of Dehumanization in American Sign Language
Advised by: Julian Schloeder

ELI HARRIS
Ecology and Evolutionary Biology
An Experimental Examination of the Effect of Common Ravens (Corvus corax) at Food Piles on Aggression Among Turkey Vultures (Cathartes aura)
Advised by: Margaret Rubega

ELI HARRIS
Natural Resources
An Experimental Examination of the Effect of Common Ravens (Corvus corax) at Food Piles on Aggression Among Turkey Vultures (Cathartes aura)
Advised by: Margaret Rubega

DONAL JOHNSTON HEANEY [B]
Ecology and Evolutionary Biology
Stream-riparian Meta-ecosystem Gradients in Alaska
Advised by: Mark Urban

NEELEY JANE HEILMAN [NE]
Exercise Science Effects and Clinical
Implications of Exercise Intensity and Duration on Exercise-Induced Cardiac Troponin Release: A Literature Review
Advised by: Stephanie Singe

EMMANUEL ANGEL HERNANDEZ
Molecular and Cell Biology
The Effect of Nitrogen Supplementation on Fungus-growing Ants
Advised by: Jonathan Klassen

LAUREN MARCELA HERRERA [NE]
Communication
Gendered Advertising and Consumer Perception: Examining the Evolution and Influence of Gender Norms in Marketing
Advised by: Sara Stifano

NATHALY RACHEL HERRERA
Financial Management
Breaking the Cycle: The Impact of Early Financial Literacy Education
Advised by: Katherine Pancak

MELISSA KATE HILTON
Physiology and Neurobiology
Analysis of Repeated Impacts to the Top of the Head and Incidence of Lower Extremity Injuries in Division 1 College Football Players
Advised by: Matthew Hausmann

MAI-KHANH LE HO
Nursing
Gamified Learning: Using Escape Room Simulation to Teach Peripheral IV Catheter Insertion to Undergraduate Nursing Students
Advised by: Carrie Eaton

KATELYNN ELIZABETH HORVATH [B/STEM]
Chemical Engineering
Engineering Affinity of YTH Protein to m^6A-RNA Using Yeast Surface Display
Advied by: Yongku Cho

MIDORI ARIEL HUGHES [B]
Physiology and Neurobiology
The Cannabinoid CB1 Neutral Antagonist AM6588 Suppresses Food Intake in Male and Female Rats
Advised by: John Salamone

RAYYAN A. IBET
Nursing
Antiphospholipid Syndrome in Pregnancy - A Case Study
Advised by: Carrie Eaton

MEDHA SAI ILLINDALA [NE/SPiM/STEM]
Physiology and Neurobiology
Late-Life Depression and Markers of Immunosenescence
Advised by: Breno Diniz

MICHELE CATHERINE IRACI
Environmental Sciences
Trends and Transport of Tropospheric Ozone from New York City to Connecticut in the Summer of 2023
Advised by: Zhe Zhu

INDIGO IRWIN [NE]
Anthropology
Human-Water Relations: The Importance of Valuing Hydro-Social Relations Through the Implementation of Green Stormwater Infrastructure
Advised by: Ouiment,Eleanor

BRIANNA MARIE IUTERI [NE]
Nursing
The End of Life Experiences of Caregivers of Those with Dementia
Advised by: Christine DiLeone

ANGELA MARIA JACDEDT [B]
Physiology and Neurobiology
Effects of Tetrabenazine on Temporal Parameters of High-effort Behaviors in Male and Female Rats
Advised by: John Salamone

COREY JANSING [B]
Philosophy
What Makes an Argument Good?
Advised by: Mitchell Green

CHELSEY JARA
Political Science
From Marronage to Mobilization: Racial Autonomy, Power Dynamics, and the Afro-Latino Struggle for Liberation in the Americas
Advised by: Matthew Singer

CHRIST-ANNE STAELLE IZVESTA JEAN-FRANCOIS [B]
Political Science

MEGHAN LOUISE JEZIK [SPinL]
Political Science
Framing Justice: How Left, Right, and Legacy Media Shape Public Perceptions of the Supreme Court
Advised by: Virginia Hettinger

NITI AMISH JHAVERI [NE/SPiM]
Psychological Sciences
Improvements in Motor Coordination and Movement Control of Children with Hemiplegic Cerebral Palsy Following a Dual Joystick Ride-on-Toy Navigation Training Program
Advised by: Sudha Srinivasan

TIANYU JIANG
Economics
E-commerce Data During the COVID-19 Pandemic in China
Advised by: Tianxu Chen

MADISON LORI JOHNSON
Communication
Building Emotional Foundations: Assessing the Impact of Social-Emotional Learning Programs in Elementary Education
Advised by: Sara Stifano

SHANNON CELINE JONES
Molecular and Cell Biology
The Relationship Between The Oral Microbiome and The Placental Microbiome in Pregnant Women with Periodontal Disease and/or Preeclampsia
Advised by: Ping Zhang

ANANYA JONNAKUTI
Computer Science
Gene Literature Search Agent
Advised by: Ellie Sherafat

GRETCHEN JOSSELYN [B]
Philosophy
The Exploration of Gender Non-Conforming and Queer Identities
Advised by: Gregory Doukas

GIULIANA ROSE JUDGE [NE]
Chemistry
Near-Infrared Voltage Sensitive Dyes for Cellular Imaging: Synthesis, Applications, and Future Directions
Advised by: Nicholas Leadbeater

MANSI A. KABRE [NE/STEM]
Psychological Sciences
Effects of Family Routines on Childhood Mental Health
Advised by: Jonas Miller

SRILEKHA KADIMI [STEM]
Diagnostic Genetic Sciences
Sanger Sequencing of Amniotic Fluid Samples for Validation of Prenatal Clinical Diagnostics
Advised by: Denise Anamani

SURAJ VIJAY KALARIA [B/SPiM/STEM]
Molecular and Cell Biology
Investigating the Role of Small Molecules in Inducing Double-Strand Breaks for Precision Gene Editing
Advised by: Sarah Hird

RANY KAMEL [NE]
Computer Science & Engineering
Enhancing Transformer Long-text Classification Using Supervised Embedded Topic Models
Advised by: Derek Aguiar

JACQUELYN MARIE KANE
Economics
Discrepancies in Retirement Savings: Examining the Impact of Race, Gender, Financial Literacy, and Family Background on Wealth Accumulation
Advised by: Kenneth Couch

AIDAN STEVEN KARPICZ [NE]
History Education
Teaching Strategies for Twice-Exceptional (2e) Students
Advised by: Catherine Little

AUDREY MEGAN KARYABDI
Biomedical Engineering
Mobile App for At-Home Shoulder Rehabilitation
Advised by: Patrick Kumavor

IWO MACIEJ KASPERKOWICZ [NE]
Mathematics-Actuarial-Finance
Exploring the Future of Life Insurance: Perspectives, Methodology, AI, Products, and Regulation
Advised by: Michael Grandpre

NICHOLAS JOHN KATSETOS
English
Chaucer and Simmons' Framed Narratives: A Glimpse into the Past and Future
Advised by: Frederick Biggs

AMITOJEROOP KAUR [STEM]
Psychological Sciences
Mindfulness-based Stress Reduction and Mindfulness-based Cognitive Therapy as Interventions for Generalized Anxiety Disorder: A Meta-Analytic Review
Advised by: BlairJohnson

PRABHJIT KAUR [B]
Allied Health Sciences
Correlates of Never Testing for HIV Among MSM in Nepal
Advised by: Roman Shrestha

ZOPHIA RUTH KEARNS [NE/SPinL]
English
Neighborly Lessons: The Transcendent Pedagogy of Moral Narratives Across Literature, Television, and Time in Shaping Children's Moral Worlds
Advised by: Jean Marsden

MAXWELL THOMAS KEYT
Exercise Science
Examination of Use of the Affected Limb During Joystick Operated Ride On Toy Sessions in Children with Hemiplegic Cerebral Palsy
Advised by: Sudha Srinivasan

ISBAAH NOOR KHAN
Political Science
When the Rivers Dry: How Climate Change-induced W ater Scarcity is Posing Security Challenges in South Asia
Advised by: Frank Griggs

ISHRAT NAATH KHAN [B]
Individualized: Systems Neuroscience
Does an Impaired Sense of Smell Make It Harder to Think About Things Like Garlic?
Advised by: Eiling Yee

MOHAMMAD AYUB KHAN [NE]
Physiology and Neurobiology
Neuroanatomical Alterations in Structural Connectivity of Stuttering Children: A Comparative MRI-Based Analysis
Advised by: Nabin Koirala

MOEEN ABDUL KHAWAJA [B]
Psychological Sciences
The Impact of Adverse Childhood Experiences on Prosocial Development
Advised by: Jonas Miller

ANDREW JONGEUN KIM
Linguistics/Psychology
Korean Case Marking and Scrambling: An Intervention Study with Heritage Speakers
Advised by: William Snyder

EUNICE J. KIM
Psychological Sciences
The Role of Acculturation and Significant Life Events in Asian Youths' Wellbeing
Advised by: Jonas Miller

KATHERINE ELIZABETH CONNER KING [B]
Music
Love At Home: Domestic Life and Middle-Class Values in Nineteenth-Century American Sunday School Hymns
Advised by: Eric Rice

TAYLOR MORGAN KOEHLER [B/STEM]
Molecular and Cell Biology
NAT10-Mediated Effects on Neuroplasticity Gene Expression
Advised by: Gregory Sartor

HOLLY NOEL KOLMEL [B]
Biological Sciences
Exploring the Potential of Long Non-Coding RNAs as Biomarkers and Therapeutic Targets in Disease and Cancer
Advised by: Xiaobo Zhong

REBECCA OLIVIA KRAMER-EARLEY [B]
Molecular and Cell Biology
The Conservation of the VapA Gene Among Aeromonas veronii Strains and its Implications for the Virulence of Aeromonas Within Larval Threespine Stickleback Fish
Advised by: Kathryn Milligan-McClellan

GARRISON EVAN KUNST [NE]
Mechanical Engineering
Motion Planning in Wire Arc Additive Manufacturing Robotics
Advised by: Farhad Imani

CELIA ELIZABETH LABBATE [B]
Psychological Sciences
Investigating The Relationship Between Auditory Speech In Noise Tasks and Evoked Responses, Alpha Oscillations, and Changes in Oscillatory Power Through Data-Driven EEG Analytic Techniques.
Advised by: Heather Read

MATTHEW MARTIN LACROIX NE/SPinL
Political Science
Divergent Priorities: Analyzing the National Variances in Military AI Advancements
Advised by: Evan Perkoski

SEAN DAVID LAGE
Mathematics/Actuarial Science
Breaking the Cycle: Empowering Low-Income Youth Through After-School Tutoring and Mentorship Programs
Advised by: Jeyaraj Vadiveloo

INA LAMI NE
Doctor of Pharmacy
Antibody-Drug Conjugates in the Pipeline for Treatment of Melanoma: Target and Pharmacokinetic Considerations
Advised by: Andrew Wiemer

AVERY LAMONICA
Chemistry
Effects of Metal-Ligand Choice on Synthesis of Metal-Organic Chalcogenolates
Advised by: James Hohman

ANGELICA LASZCZAK B
Mathematics/Actuarial Science
Breed Bias or Legitimate Risk? An Actuarial and Ethical Analysis of Canine Breed Discrimination in Home Insurance
Advised by: Daniel Watt

JESSICA LASZCZAK B
Mathematics/Actuarial Science
Insuring the Uninsurable? Evaluating Pre-Existing Condition Coverage in Pet Insurance
Advised by: Daniel Watt

KAREN LAU B/BOLD/H/SPinL
Individualized: Asian and Asian American Studies
Reaping What They Sew: Exploring the Chinatown Garment Industry's Labor Organizing in Response to Global Economic Shifts and its Afterlives on Economic Justice
Advised by: Fiona Vernal

ERICA ROSE LAVOIE B
Molecular and Cell Biology
Regulation of Neuropathology in Globoid Cell Leukodystrophy by the Epigenetic Regulator Dot1L
Advised by: Stephen Crocker

CHRISTY VAN LE
Allied Health Sciences
Comparing the CALERA, a Wearable Core Temperature Monitoring Device, to Gold Standard Rectal Thermometry During Heat Acclimation in Healthy Adults
Advised by: Douglas Casa

LINDRA CALAH LEDGER
Accounting
Reed Hastings' Leadership at Netflix: Innovation, Culture, and the Future of Leadership
Advised by: Nell D'Auria

HANNAH SOPHIA LEIBOWITZ NE
Environmental Studies
Municipal Stormwater Management in Connecticut
Advised by: Mary Donegan

FIORA LENA B
Allied Health Sciences
What is the Prevalence of Depressive Symptoms and its Associated Factors Among Gay, Bisexual, and Other Men Who have Sex with Men (GBMSM) Accessing HIV Prevention Services Using the Clinic-integrated JomPrEP App in Malaysia?
Advised by: Roman Shrestha

ANCY TRINITA LEO
Allied Health Sciences
Prevalence of Depression Symptoms and its Associated Factors Among Gay, Bisexual Men and Other Men Who Have Sex with Men in Nepal
Advised by: Roman Shrestha

ABIGAIL LAUREN LEPPER B
Mathematics/Actuarial Science
Estimating Q Center Staffing Needs Using Generalized Linear Models
Advised by: Daniel Watt

GABRIELLE MARIE LESSARD NE
Psychological Sciences
The Relationship Between Mindfulness, Daily Difficult Events, Perceived Stress, and Anxiety Among College Students
Advised by: Kimberli Treadwell

JEREMY HARRISON LESSER B/H/SPiM/STEM
Physiology and Neurobiology
Anatomical Characterization of Lateral Hypothalamic GABAergic Projections to Neuromodulatory Regions
Advised by: Alexander Jackson

CARISSA LEUNG B/STEM
Animal Science
The Effect of Nest Temperature on Eastern Bluebird Thermoregulatory Morphology and Parasite Resistance
Advised by: Sarah Knutie

CARISSA LEUNG B/STEM
Ecology and Evolutionary Biology
The Effect of Nest Temperature on Eastern Bluebird Thermoregulatory Morphology and Parasite Resistance
Advised by: Sarah Knutie

ALLAN YAXIN LIAN
Analytics and Information Management
Assessing Leadership in Business: A Critical Investigation of John Zimmer
Advised by: Nell D'Auria

LISA HONG LIANG B/H/S
Chemistry
Nucleic Acid Nanocarriers for Targeted Cancer Therapy at the Cellular and Subcellular Levels
Advised by: Jessica Rouge

XUANTING LIANG NE
Sociology
Structural Fragmentation and Mechanisms of Educational Alienation in China: A Critical Inquiry into Capitalist Logic Within a Socialist System
Advised by: Phoebe Godfrey

NEO XIA YU LIN
Chemistry
Optimizing Radical Pairs for Applications in Quantum Information Science
Advised by: Nicholas Leadbeater

HANNAH RAE LINDER NE
Molecular and Cell Biology
The Relationship Between Dyslexia and Resilience
Advised by: Nicole Landi

JAHMIHA CRYSTAL LINDO NE/R
Allied Health Sciences
Pediatric Sepsis Knowledge Amongst Black Parents in the United States
Advised by: Mallory Perry

CHRISTOPHER SCOTT LINDSAY B
History
Cold War Obsolescence: The Impacts of the Cold War on Planned Obsolescence in Postwar America
Advised by: Peter Baldwin

CHRISTOPHER SCOTT LINDSAY B
Political Science
Understanding Governance: International Relations and Political Science Fiction
Advised by: Jennifer Sterling-Folker

CAROLINA MADELEYNEER LOGRONO ROBALINO
Allied Health Sciences
Investigating the Impact of a Single Nucleotide Polymorphism (SNP) in the PPCDC Gene on Zinc Homeostasis and Gene Expression in HepG2 Cells
Advised by: Sangyong Choi

ASHLEY NICOLE LYNCH
Applied Mathematical Sciences
Decoding the Algorithm: The Mathematics Behind TikTok's Short-Form Content Success
Advised by: Zheyin Gu

HAILEY J. MADRAMOOTOO B
Digital Media & Design
The End
Advised by: Justin Liberman

JASMINE MAGGIO B/SPiM/STEM
Molecular and Cell Biology
Percutaneous Drainage as the First-Line Treatment for Abscess Secondary to Complicated Appendicitis in Pediatric Patients
Advised by: Justin Kratovil

MALLORY DANIELLE MALZ B
English
Ecolinguistics and American Nature Writing
Advised by: Wayne Franklin

KELAAN MANTOURA
Biomedical Engineering
Development of a Piezoelectric Sensor for Biofilm Detection in Hydrocephalus Shunts
Advised by: Kazunori Hoshino

SREEKEERTHI MANURSREEKANTAMURTHYGARI
Computer Science & Engineering
Understanding the Role of Social Vulnerability Factors in the Association Between Clinically Diagnosed Depression and Self-Reported Mental Health: A Machine Learning Approach
Advised by: Swapna Gokhale

KEVIN LACHLAN WILLIAM MARQUIS B/STEM
Electrical Engineering
CAN-MAID: An Intrusion Detection Protocol for CAN Bus
Advised by: John Chandy

MORGAN CLAIRE MCBRIDE
Philosophy
Regret, but Do Not Fear Death
Advised by: Mitchell Green

AMANDA ROSE MCCARD SPinL
Environmental Studies
Lead Contamination in Connecticut: A Journalistic Investigation
Advised by: Scott Wallace

KAYLA NICOLE MCCARRON SPiM/STEM
Biological Sciences
The Evolution of Antimicrobial Resistance: Mechanisms, Consequences and Solutions
Advised by: Yaowu Yuan

BRENDAN EUGENE MCCARTHY B
Finance
Assessing Leadership in Business: A Critical Investigation of Bill Gates
Advised by: Nell D'Auria

EVELYN JUNE MCDONALD B
Communication
Fantasy Violence in Media
Advised by: Kirstie Farrar

MARK IAN MCFANN
Chemistry
Reduction of the Polydispersity of Poly(methyl methacrylate) Polymer Brushes via Addition of a-Methylstyrene
Advied by: Douglas Adamson

FRASER HUW MCGURK NE
Molecular and Cell Biology
Role of the Macrophage-to-Myofibroblast Transition in the CD13-Dependent Implant-induced Foreign Body Response
Advised by: Mallika Ghosh

ERIC THOMAS MEADE, JR. NE
Political Science
Understanding the Underrepresented: A Descriptive Deep-Dive into the Impact of Young Legislators
Advised by: Jeffrey Ladewig

KATELYN EMILY MERCADO
Biological Sciences
Effects of Climate Change on the Phenology of Hamamelis virginiana in the Northeastern U.S.
Advised by: Edward McAssey

OLIVIA ROSE MERLINI B
Pathobiology
Isolation of Leptospira from Animals: Gaining Insight into the Epidemiology and Prevalence of the Zoonotic Disease Leptospirosis in CT
Advised by: Elsio Augusto Wunder

KYLIE PAIGE MISTRETTA NE
Exercise Science
Perinatal Exercise as an Intervention for Postpartum Depression
Advised by: Stephanie Singe

ROHAN MEHERNOSH MISTRY NE/STEM
Nursing
Student Nurses' Attitudes, Training, and Knowledge of Antibiotic Stewardship: Results from a National Survey
Advised by: Eileen Carter

LILAH MARY MOLEY
Accounting
Assessing Leadership in Business: A Critical Investigation of Jensen Huang
Advised by: Nell D'Auria

LOURDES MOLLICA
Psychological Sciences
"Examining Participation in Mindfulness-Based Stress Reduction (MBSR) Trials: A Meta-analysis of Gender Disparities in Enrollment Rates"
Advised by: BlairJohnson

SHABRANG MONTAZER
Accounting
Assessing Leadership in Business: A Critical Investigation of Robyn Rihanna Fenty
Advised by: Nell D'Auria

JORDAN ANNA MENDONIS NE
MOONEY
Geoscience
Tectonic Uplift and Unroofing History of Cerro Bola Mountain, La Rioja Province, Argentina
Advised by: Julie Gillingham

KAYLEE ROSE MOROSKY NE/SPiPh
Doctor of Pharmacy
Hormonal Contraception Prescribing Services Across Select States – Medicaid Pharmacist Reimbursement
Advised by: Marie Smith

NIDHI MUKKA
Finance
Influence of Social Media on Investor Sentiment and Market Behavior
Advised by: Liping Qiu

NATALIA JAMIRA MURPHY NE
Elementary Education
Translanguaging Practices Among Dual Language Teachers
Advised by: Michele Back

SHREYA BHAT NAGRI B/SPiM/STEM
Biomedical Engineering
Differential Delivery to Neurons and Microglia Using Janus Base Nanoparticles
Advised by: Yupeng Chen

SHYAM SUNIL NAMBIAR B
Physiology and Neurobiology
Optimization of In Vitro Dexamethasone Release in Dex-loaded Catheter
Advised by: Diane Burgess

VICTOR MADJAR NANOVSKY
Finance
Assessing Leadership in Business: A Critical Investigation of Michael O'Leary
Advised by: Nell D'Auria

TYLER ANTHONY NARDI B/STEM
Electrical Engineering
Robotic Additive Manufacturing Using Data-Driven Surface Optimization for Enhanced Print Quality in Nonplanar Material Extrusion
Advised by: Shengli Zhou

ADA CRYSTAL NDUKA B/STEM
Molecular and Cell Biology
Strengthening the Connections to Opportunities for Prevention Engagement (SCOPE) Project
Advised by: Sharon Smith

ALLAN NGUYEN
Computer Science
Reconstructing Phylogenetic Networks From a Set of Noisy Phylogenetic Trees
Advised by: Yufeng Wu STEM

CARRIE NGUYEN B/STEM
Biomedical Engineering
Early Breast Cancer Detection Through Machine Learning and MRI Segmentation
Advised by: Patrick Kumavor

TRAM THI NGUYEN SPiPh
Doctor of Pharmacy
Awareness of Parental Trauma History and Intergenerational Trauma in Second Generation Trauma Survivors
Advised by: Thomas Buckley

MICHELLE NI
Finance
Evaluating the Success of Mergers and Acquisitions: A Case Study Approach in the Energy Sector
Advised by: Liping Qiu

ALEXANDER KA YING NIP
Psychological Sciences
Motivational and Pharmacological Effects of Atomoxetine and Tetrabenazine on Lever Pressing in Rats
Advised by: John Salamone

DANIEL ANDRES NORENA-MESA
Biological Sciences
Aeromonas Bacteria in the Leech Microbiome
Advised by: Johann Gogarten

SARAH KATHARINE NOWACKI NE/SPiM/S
Physiology and Neurobiology
Assessing the Triple Reuptake Inhibitor Diclofensine: Sex Differences in Effort-based Decision Making in Rodent Models of Motivational Dysfunction
Advised by: John Salamone

KAMARA ASET NYAHUMA B
History
The Impact of Reverends Who Were Simultaneously Elected Officials on the Black Community
Advised by: Jeffrey Ogbar

JULIA MARIE OAKES
Mathematics/Statistics
Utilizing Helmet Impact Sensors to Assess and Prevent Brain Injuries in Football Athletes: A Data-driven Approach to Player Safety
Advised by: Haim Bar

EMILY AMANDA OCASIO NE
Communication
The Role of Corporate Social Responsibility Relating to Purchase Intention and Consumer Attitudes
Advised by: Thomas Meade

ERIN ELIZABETH O'CONNOR B
Psychological Sciences
An Instruction Manipulation of a Set for Variability Task
Advised by: Nicole Landi

JOHN PAUL OEI S
Finance
Assessing Leadership in Business: A Critical Investigation of David Cordani
Advised by: Nell D'Auria

ZOE ADELE ORIE
Digital Media & Design
Clouro: Sustainable Fashion for Everyone
Advised by: Christine Vasington

OLIVIA KATE ORPHANOS B
Nursing
Burnout and Mindfulness in Undergraduate Nursing Students
Advised by: Natalie Shook

DANIELLA ALEESE ORTEGA NE
Pathobiology
In Vitro Characterization of eDNA in Mycoplasma pneumoniae Extracellular Matrix
Advised by: Steven Szczepanek

AUDREY OSEI
Biological Sciences
Breastfeeding Frequency and Pain: A Longitudinal Study
Advised by: Ruth Lucas

AVA ISABELLA OTANO B
Chemistry
Modified ELISA For the Detection of Mouse IgG Via Non-Specific Antibody-AuNP Interactions
Advised by: Nicholas Leadbeater

PATRICK LEONARD PAGANO B
Pathobiology
Implications of GlpF as a Virulence Factor in Mycoplasma pneumoniae the phrase "Mycoplasma pneumoniae" *is the genera and species of a bacteria*
Advised by: Steven Szczepanek

KRUPAL JAYMESHKUMAR PATEL B
Molecular and Cell Biology
Investigating the Effects of Polyphenols on Protein Disulfide Isomerase Inhibition and Mast Cell Activation
Advised by: Clinton Mathias

RHEA AMIT PATEL
Economics
The Cost of Control: How Regulation and Deregulation of Financial Markets Have Shaped Financial Crises From the Great Depression to Now
Advised by: Owen Svalestad

SHAKSHI VAISHAL PATEL NE/SPinL
Political Science
Structural Power and Socialization: Connecting International Orders to Immigrant Identity Formation
Advised by: Matthew Singer

SIYA PATEL B/STEM
Allied Health Sciences
Effects of a Helmet Cooling Fan on Productivity in Healthy Males During a Simulated Work Task in the Heat
Advised by: Douglas Casa

JOSHUA MIGUEL PEDROZA
Accounting
Assessing Leadership in Business: A Critical Investigation of Sheryl Sandberg
Advised by: Nell D'Auria

LISBETH IVELISSE PEGUERO NE
Financial Management
Assessing Leadership in Business: A Critical Investigation of Ben Francis
Advised by: Nell D'Auria

ISABELLA MIA PENÃ B/SPiM/STEM
Allied Health Sciences
Associations Between Social Support, Optimism, and Mental Health in Cancer Survivors Transitioning from Active Treatment to Survivorship
Advised by: Crystal Park

CATHERINE OUYANG PENG
Mechanical Engineering
Analysis of the Effects of Septic Leach Field Failures on Groundwater Contamination
Advised by: Reza Sheikhi

ANGELICA E. PERALTA B/SPinL
Finance
Assessing Leadership in Business: A Critical Investigation of Warren Buffett
Advised by: Nell D'Auria

GRACE ELIZABETH PERRINO NE
Biomedical Engineering
A Review of Cardiac Ablation Catheters and Related Devices for Treatment of Atrial Fibrillation
Advised by: Patrick Kumavor

GEMMA NIKOLE PETERSON NE
Animal Science
The Importance of South African Vulture Conservation
Advised by: Emily Reinhardt

BENJAMIN MOURA PITT NE
History
"Creation in Reverse:" The Nationalist Coalition, the State, and Revolution in Cerro de Pasco
Advised by: Rodolfo Fernandez

BIANCA ISABELLE PLANETA B
Molecular and Cell Biology
Investigating the Role of ORF1 in the Transposition of the Centromere-Enriched Retroelement *G2/Jockey-3*
Advised by: Barbara Mellone

EMILY ANN POLLEN NE
Mathematics Education
Physical and Mental Health Changes in Adolescents After COVID-19 Lockdown Survey
Advised by: Del Siegle

ALESSANDRO PORTOLANO NE
History
State of Fear: The Piazza Fontana Massacre and the Strategy of Tension
Advised by: Frank Costigliola

OLIVER POWER NE
Psychological Sciences
Systematic Review of Brief Psychological Interventions for Psychiatric Patients in the Emergency Department with Anxiety
Advised by: Kimberli Treadwell

ASHNA PRAKASH NE/STEM
Biomedical Engineering
Synthesis and Characterization of Kartogenin Modified Glycol Chitosan
Advised by: Lakshmi Nair

HARISH PRASAD B
Business Data Analytics
The Intersection of Parametric Insurance and Blockchain: A Comprehensive Analysis
Advised by: Stephen Fitzgerald

SYDNEY ANN PUCHOL NE
Animal Science
Determination of the Efficacy of Nerol and Limonene for Controlling Major Fish Pathogens: Edwardsiella ictaluri and Yersinia ruckeri.
Advised by: Kumar Venkitanarayanan

MANASWINI PUJAR NE
Physiology and Neurobiology
Characterization of the Cannabinoid CB1 Receptor in Catecholaminergic Neurons Following Stress
Advised by: Natale Sciolino

JULIA MARGARITA PURCELL B/S
Molecular and Cell Biology

REBECCA KATHERINE RAKIEC NE/SPiPh
Doctor of Pharmacy
Evaluating Insulin Icodec's Role in Type 2 Diabetes Management
Advised by: Marissa Salvo

DAVID ETHAN RAMOS
Accounting
Assessing Leadership in Business: A Critical Investigation of Jeff Bezos
Advised by: Nell D'Auria

RAHIQ RASHID NE
Molecular and Cell Biology

JACLYN MARIE RAUCH B
Political Science
Taming Technology: Evaluating the Possibilities of Artificial Intelligence Regulation in Healthcare and Politics
Advised by: Kristin Kelly

MAHIKA RAWAT NE/SPiM/STEM
Physiology and Neurobiology
Investigating the Effects of KRASG12D on Mouse Cortical Neurogenesis and Proliferation
Advised by: Rahul Kanadia

THI THIEN TRANG REAGAN NE
Computer Science
Exploring How MilliBTC Blockchain Payments Drive Business Growth and Developing an Informative React-Driven Website
Advised by: Phillip Bradford

MANOGNA GONGITI REDDY
Physiology and Neurobiology
Characterization of Myelination Changes in KCNQ2 Gain-of-Function Mice
Advised by: Anastasios Tzingounis

MANOGNA GONGITI REDDY
Molecular and Cell Biology
Impacts of an Undergraduate Research Assistant Program (URAP) on Student and Research Outcomes
Advised by: Elizabeth Kline

NATALIE MICHELE REILLY B
Environmental Sciences
Assessment of the 3-30-300 Standard in New London, Connecticut: GIS Analysis of Urban Tree Cover
Advised by: Jason Vokoun

TREVOR CHRISTOPHER RELIGA B/H
Molecular and Cell Biology
Feasibility of Voiding Diary Use in Normal Pressure Hydrocephalus Patients After Receiving Large Volume Lumbar Puncture
Advised by: Elizabeth Kline

VAN YANNICK REMENAR
Mechanical Engineering
Effects of Varying Elastomer and Electrode Material Type on the Manufacturing Process of Dielectric Elastomer Actuators
Advised by: Mihai Duduta

ASHLEY NICOLE RINALDI NE
Biomedical Engineering
The Effect of Varying pH Levels on Morphology and Growth of Tumors Long-term
Advised by: Kazunori Hoshino

DEREK STEVEN RIOS MUZHA NE
Marketing Management
Assessing Leadership in Business: A Critical Investigation of Michael Eisner
Advised by: Nell D'Auria

ARIANNA HALEIGH ROACH
Molecular and Cell Biology
Examining Loss of Imprint in F1 Hybrid Female Mice Due to X Chromosome Epimutation and the Implications for Autism
Advised by: Michael O'Neill

AISLIN ROBB
Chemical Engineering
Engineer Binding Specificity of 14-3-3 Protein
Advised by: Yongku Cho

KEELY RODRIGUEZ NE
Human Development and Family Sciences
Beyond Arrival: Exploring resources that facilitate academic success for Central and South American immigrant students
Advised by: Vida Samuel

NIKOLE ANDREA RODRÍGUEZ TORRES NE
Physiology and Neurobiology
Virtual Alcohol Cues and Condition Place Preference in College Students
Advised by: Robert Astur

RACHAEL SHAYNA ROIZER B/STEM
Cognitive Science
Social Support, Loneliness, and Social Motivation in Individuals with Autism
Advised by: Inge-Marie Eigsti

MARK ANDREW ROKYCKY B
Accounting
Assessing Leadership in Business: A Critical Investigation of Bob Iger
Advised by: Nell D'Auria

DARIA FAITH ROLLE
Pathobiology

MCKENNA ELISE ROOK
Physiology and Neurobiology
The Drosophila Odorant Binding Protein 47a (Obp47a) is Enriched in Male Forelegs and Contributes to Male Mating Behavior
Advised by: Karen Menuz

SAVANNAH FAY ROSE
Human Development and Family Sciences
Resilience in the Face of Adversity: The Role of Life Experiences, COVID-19, and Mental Health in University Students
Advised by: Maria Larusso

BENJAMIN CHRISTOPHER ROY B
Finance
Assessing Leadership in Business: A Critical Investigation of Yvan Chouinard
Advised by: Nell D'Auria

ELYSIA SIMONE RUDMAN
Marketing
Assessing Leadership in Business: A Critical Investigation of Emily Weiss
Advised by: Nell D'Auria

CAROLINE BROOKE RYAN NE
Analytics and Information Management
AI in Project Risk Management: Redefining Mitigation
Advised by: Stephen Fitzgerald

OLIVER GABRIEL SABET B/STEM
Molecular and Cell Biology
Examining the Molecular Mechanisms of Glucagon-like Peptide-1 Receptor Agonists in Cancer Cell Biology
Advised by: Ping Zhang

GRACE ELIZABETH SACCO NE
Allied Health Sciences
Evaluating Health Status in UConn Students: A Comparison of Self-Perception and Biomarkers Within Diet Quality, Body Composition, and Blood Pressure
Advised by: Valerie Duffy

SABRINA SALMAN NE
Molecular and Cell Biology
Child Obesity Trends in COVID-19
Advised by: Sharon Smith

NEHA BLESSY SAMUEL B/STEM
Physiology and Neurobiology
Efficacy of Single Joystick-Operated Ride-On-Toy Navigation Training Program to Promote Upper Extremity Motor Function in Children with Hemiplegic Cerebral Palsy
Advised by: Sudha Srinivasan

HAYDEN R. SAMUELS NE
Pathobiology
Serological Evaluation for Leptospirosis on Samples Received by the Connecticut Veterinary Medical Diagnostic Laboratory (CVMDL)
Advised by: Elsio Augusto Wunder

NITEESH NANDHU SARAVANAN STEM
Computer Science & Engineering
Micromobility Survey Platform Design
Advised by: Suining He

KAILA ROSE SCALLY B
Human Development and Family Sciences
Teacher Mindfulness in COVID
Advised by: Alaina Brenick

ADIA LYNN SCARMACK NE
Accounting
Assessing Leadership in Business: A Critical Investigation of Reed Hastings
Advised by: Nell D'Auria

AMELIA GRACE SCHAEFER NE
Psychological Sciences
Turning Up the Difference: Exploring Sex-Specific Changes in Central Gain in Noise-Induced Hearing Loss
Advised by: Alice Burghard

JONATHAN EDWARD SCHMITT B
Nutritional Sciences
The Role of Macrophage Histone Deacetylase 9 in Alcohol-Related Liver Disease
Advised by: Jiyeon Lee

KADEN ANN SCOPELLITI B
Psychological Sciences
Attachment and Prosocial Development in Children with Autism Spectrum Disorder: A Systematic Review
Advised by: Jonas Miller

ZACHARY SCRUGGS
Economics

MAKSIM SENCHUKOV NE
Computer Science
Bridging Software and Manufacturing: A Case Study in Plastic Injection Molding
Advised by: Phillip Bradford

PRANAV PARTHASARATHY SESHADRI B/H/S
Exercise Science
Surgical Compared to Nonoperative Treatment on Return to Sport Among Overhead Athletes with a History of Ulnar Collateral Ligament Tear
Advised by: Steven Harrison

KYNA CHIRAG SHAH NE
Finance
Assessing Leadership in Business: A Critical Investigation of Jeff Bezos
Advised by: Nell D'Auria

SAACHI DEVEN SHAH B/STEM
Statistics
Methods for Extracting Between-Group Differences in Meta-Analysis
Advised by: Elizabeth Schifano

SANSKAR SHARDUL SHAH B
Molecular and Cell Biology
Examining the Impact of Alpha Oscillation Measured with Electroencephalography (EEG) on Speech-Evoked Responses While People Attend to Speech and Ignore Background Distracting Sounds
Advised by: David Goldhamer

VIHAAN JAYESH SHAH NE
Computer Science
Digital Twin-Based Adaptive Quality Compensation in Robotic Additive Manufacturing
Advised by: Song Han

ANDRÉA DEANA SHAKES R
Molecular and Cell Biology
Penicillin Allergy Labeling and Medication Choice
Advised by: Sharon Smith

ARUSHI SHARMA B
Molecular and Cell Biology
Effects of Neoadjuvant Therapy as a Treatment for Breast Cancer
Advised by: Ping Zhang

BROOKE SHEEHAN NE
Finance
Assessing Leadership in Business: A Critical Investigation of Warren Buffett
Advised by: Nell D'Auria

TARUN SHRIRAM NE
Biological Sciences
Assessing Duloxetine's Ability to Reverse Tetrabenazine-Induced Effort-Related Deficits in Female Rats on the FR5/Chow Feeding Task
Advised by: John Salamone

MADISON ELIZABETH SIEGLER NE
Accounting
Leadership Analysis of Rihanna
Advised by: Nell D'Auria

JESPER FREDERIK SILBERBERG
Marketing

TARYN JENNIFER SIMON B/STEM
Allied Health Sciences
Mindfulness-based Stress Reduction and Cortisol: a Systematic Review and Meta-analysis
Advised by: Blair Johnson

ABHISHEK SINGH
Biomedical Engineering
Development of a Joint on a Chip
Advised by: Yupeng Chen

DEDEEP SINGU
Computer Science
MilliBTC Production Development
Advised by: Phillip Bradford

SIDDHARTH SINHA
Computer Science & Engineering
Cyclical User-centered User Interface Design and Development for a Clinician Facing MedRec mHealth Application
Advised by: Steven Demurjian

OM SINOJIA NE
Biological Sciences
Regulation of ZFTA-RELA Induced Supratentorial Ependymoma Through Microenvironmental Factors
Advised by: Joseph Loturco

ASHLEY NICOLE SIROWICH
Mechanical Engineering
Analyzing Potential Damages on Microgrids in Extra Terrestrial Habitats
Advised by: Ali Bazzi

ELENA ANN SMITH NE
English
Feminist Greek Mythology Retellings
Advised by: Pamela Bedore

MAKENZIE ROSE SMITH B
Art History
Reconstructing Art and Evidence: Forensic Architecture in Institutional Settings
Advised by: Robin Greeley

EVAN MICHAEL SMOTRICH NE
Accounting
Assessing Leadership in Business: A Critical Investigation of Steve Jobs
Advised by: Nell D'Auria

OWEN GWILYM SHEPHERD SMYTH NE
History

GIANNA CATHERINE SOCCI
English
"Monstrous Law: Crime and Justice in Mary Shelley's Frankenstein"
Advised by: Dwight Codr

PAVAYEE THENNARASI SOCRATES
Physiology and Neurobiology
The Role of Ketone Bodies in Delaying Neurodegeneration Caused by Traumatic Brain Injury in a Drosophila Melanogaster Model
Advised by: Geoffrey Tanner

BENJAMIN SOLOMON SPIEd
Psychological Sciences
Yoga and Coping Strategies: Investigating the Impact of Practice Frequency and Style on Coping Mechanisms
Advised by: Crystal Park

SHEA OLIVIA SOLOMON NE
Diagnostic Genetic Sciences
Assessing Nail Clippings as a Source of Genomic DNA for Exome Sequencing in Patients with Hematological Malignancies
Advised by: Denise Anamani

NITYA SAI SOMINENI B
Molecular and Cell Biology
Targeting Pulmonary Fibrosis Using PNA Conjugates
Advised by: Raman Bahal

AVERY LYN SPARKS B/STEM
Psychological Sciences
A Multimethod Study of Conflict Resolution in Adolescent Friendship
Advised by: Rhiannon Smith

HANNAH LYNN SPINNER B
Elementary Education
From the Eyes of Latinx Children: Parental Detainment and Deportation in Picture, Middle Grade, and Young Adult Books
Advised by: Douglas Kaufman

SARAH BETH SPORTINI NE
Special Education
The Effects of a Self-Monitoring Intervention Software Paired with a Mindfulness-Based Coping Technique on the Improvement of a Student's Classroom Behaviors
Advised by: Brandi Simonsen-Gaines

SANJANA SRINIVAS NE
Chemical Engineering
Polymer Grafted Silk Fibroin Films for Controlled Drug Delivery Applications
Advised by: Kelly Burke

JORDAN MARLEY ST. CLAIR
Mechanical Engineering
Manufacturing in Microgravity: Opportunities, Challenges, and Future Prospects
Advised by: Jason Lee

HANNAH JANE STACY NE
Psychological Sciences
Dress to Express: Self-Esteem, Locus of Control, and Collective Identity Through Queer Fashion and Overt Dressing Cues
Advised by: Alexandra Garr-Schultz

RYLIE MARIE STARER NE
Physiology and Neurobiology
Investigate the Role of Ecdysteroids for Ovulation and Sperm Storage in Drosophila Melanogaster
Advised by: Jianjun Sun

DYLAN TAN STEER NE
Political Science
Shifting Sustainable Development in the Climate Crisis: How a State Level Sustainability Non-Profit is Shaping the Landscape of Climate Action
Advised by: Oksan Bayulgen

DANIELLE ANNA STEPHEN SPinL
Political Science
From Viral to Victory: Examining John Fetterman's Twitter Strategy in His 2022 Bid for Pennsylvania's Open Senate Seat
Advised by: Paul Herrnson

ASIA J. STEWART
Human Development and Family Sciences
The College Experience: Socioemotional Effects of COVID-19
Advised by: Vida Samuel

PUYENNI KOSISOCHUKWU SUMANI
Biological Sciences
The Effect of Mycorrhizal Fungi on Photosynthesis Under Well-Watered Conditions, Drought Stress, and Salt Stress
Advised by: Edward McAssey

MINGDA SUN B/H/SPiM/STEM
Nutritional Sciences
Understanding Baseline Dietary Status in the Community of Hartford
Advised by: Michael Puglisi

THOBASOOM TAHERA
Financial Management
Assessing Leadership in Business: A Critical Investigation of Satya Nadella
Advised by: Nell D'Auria

ALVIN TAN NE/SPiPh
Doctor of Pharmacy
Real-World Studies on the Efficacy and Application of ASO and siRNA Therapeutics
Advised by: Brian Aneskievich

LUCY KATE TEMPLE
Environmental Engineering
Optimization of the CO_2 Reduction Reaction: Ion-Exchange Membrane Selection and Cu Cathode Electrode Fabrication
Advised by: Baikun Li

JORDAN MATHER TERRY
Finance
Fintech Companies vs. Traditional Lenders: Who Performed Better in Recent Rate Hikes?
Advised by: Alexander Amati

BROOKE PARKER THIBODEAU NE
Engineering Physics
Signal Modeling of High Purity Germanium Detectors
Advised by: Ugur Pasaogullari

MELISSA TIAN NE/STEM
Animal Science
Understanding the Relationship of White-Footed Mice as a Tickborne-Disease Vector
Advised by: Paulo Verardi

ALEXA TORRES ENCINAS
Biomedical Engineering
Ti-6Al-4V Titanium Alloy Corrosion Testing in Respect to Medical Devices and Implants
Advised by: Lesley Frame

LORIEN ANGELA TOUPONSE NE/SPinL
English
Feminism and Fantasy: A Feminist Analysis of A Court of Thorns and Roses Series by Sarah J. Maas
Advised by: Barbara Gurr

YNG ZHEN TSE WAN NE
Political Science
Backlash and Perceptions: Analyzing the Multiracial Contexts of Immigration Attitudes in the United States
Advised by: Thomas Hayes

MORGAN CHRISTINE TUTT
Sociology
Fostering Black Maternal Survivorship and Mothering Through Initiatives to Reduce the Individualism and Racism within Biomedicine
Advised by: Matthew Hughey

RICHARD TYLAR
Biological Sciences
The Science of Longevity: Biological Mechanisms of Aging and Lifespan Extension
Advised by: Yaowu Yuan

JOHN MATTHIAS TYLER
Political Science
Please Welcome to the Stage: Investigating Third-Party Candidates' Debate Speech Prioritization
Advised by: Kimberly Bergendahl

TYLER VAGLIVELO NE/SPiPh
Doctor of Pharmacy
The Impact of Cocaine on Inflammatory Markers in SIM-A9 Microglial Cells
Advised by: Gregory Sartor

REBECCA CHANDLER VALENCIA
Management
Assessing Leadership in Business: A Critical Investigation of Karen Lynch
Advised by: Nell D'Auria

JULIANA NICOLE VANYI STEM
Allied Health Sciences
Microbiological Methods for Developing a Microneedle Bandage to Treat Biofilm-Associated Chronic Wounds
Advised by: Jessica Malek

ELLA NOGA VEINER B
Mathematics/Statistics
A Theoretical Analysis on the Advantages of Uniform Subsampling
Advised by: HaiYing Wang

NATHAN DAVID VELAZQUEZ NE
Pathobiology
Investigating Regulation of Neutrophil-mediated Inflammation in Mycoplasma pneumoniae Infection
Advised by: Steven Szczepanek

JHELMA LUCERO VELVEDER PEREZ
Nutritional Sciences
A Systematic Review of Weight Loss Interventions Among Black Postpartum Women
Advised by: Loneke Blackman Carr

NOLYETTE VERÁSTEGUI NE
Psychological Sciences
Backchanneling Behaviors of Autistic and Neurotypical Children
Advised by: Letitia Naigles

ALISON DEMIS VERNEY B
Biomedical Engineering
Analyzing the Response of Tumor Cells to Chemotherapy Drugs Using Continual Observation in Three-Dimensional Cultures
Advised by: Kazunori Hoshino

GAVIN VITALE B
Digital Media & Design
Pansy Boy
Advised by: Heather Cassano

CELESTINE WALLISER
Marketing
Assessing Leadership in Business: A Critical Investigation of Sheryl Sandberg
Advised by: Nell D'Auria

CATHERINE DALE WARE NE
Human Development and Family Sciences
Post-Secondary Educational Interventions for Youth Aging out of Foster Care: A Systematic Review
Advised by: Preston Britner

ISABELLA JAYLYNNE WELCH NE
Physiology and Neurobiology
AnimalKind: Understanding our Prosocial Predispositions
Advised by: Stephen Trumbo

KATHERINE WESTIN NE
Political Science
Law Across Contexts: Courts, Governance, and Ideological Influence
Advised by: Matthew Singer

JULIA LAUREN WHEELER B
Mathematics/Statistics
NBA Prediction Modeling Using Elo Ratings, Machine Learning, and Historical Win Probabilities
Advised by: Maksym Derevyagin

HALEY MARIE WHELCHEL NE
Doctor of Pharmacy
Role of ABX464 in Neuroinflammation and Substance Use Disorder
Advised by: Gregory Sartor

GRACE CINDY XIONG B/SPMD/STEM
Molecular and Cell Biology
Genetic, Epigenetic, and Microbial Associates of Dental Caries Risk and Connections with a Feasible Clinic Intervention to Promote Healthy Behaviors
Advised by: Valerie Duffy

RUOLIN XU
Communication
The Impact of Social Media on Social Inclusion: An Experimental Study on Gun Violence Discourse Among College Students
Advised by: Anne Oeldorf-Hirsch

SANDRA WANG XU B
Biological Sciences
Exploring Intein Mobility: Phylogenetic and Structural Analysis of the Alice_175 Helicase Intein
Advised by: Johann Gogarten

YURIA YAMAMOTO B
Physiology and Neurobiology
Evaluation of EMT Gene Expression in a Cellular Model of Wound Healing
Advised by: Theodore Rasmussen

JENNIFER YANG B
Molecular and Cell Biology
Optimizing the Detection of Quiescent and Proliferative Cells
Advised by: Leighton Core

EMMANUEL OPOKU
Yankson Statistical Data Science

HSIANG-NING YU B
Management
Assessing Leadership in Business: A Critical Investigation of Steve Jobs
Advised by: Nell D'Auria

TY JAMES ZACCAGNINI NE
Physiology and Neurobiology
The Effects of Creatine Monohydrate Supplementation on Post-TBI Sleep Disruption in Drosophila Models
Advised by: Geoffrey Tanner

ARSALAN ZAKI
Physiology and Neurobiology
A Potential Disease-Modifying Therapy for Osteoarthritis: An Ex Vivo Analysis Using Human Cartilage Explants
Advised by: Caroline Dealy

CHRISTIAN ANDRES ZAMORA NE
Communication
The Roles of Artificial Intelligence and Algorithm Aversion in Education
Advised by: Johnnie Christensen

CRYSTAL ZHU NE
Biological Sciences
Unveiling and Illustrating the Diversity of Lichen-Forming Fungal Species in Chile
Advised by: Bernard Goffinet

The Honors Board of Associate Directors

The Honors Board of Associate Directors includes faculty members, Honors Program staff, and students from the Honors Council. The Board advises and assists with the work of the Honors Program.

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Class of 2028, Storrs

Yusur Al Lami
Class of 2027, Hartford

Brian Aneskievich
Pharmacy

Jamie Caruso
BGS & Non-Degree Programs (Waterbury)

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School of Nursing

Leah Castro
Class of 2026, Stamford

Jaclyn Chancey
Honors & Enrichment Programs

James Chrobak
Psychology

Annamaria Csizmadia
Human Development & Family Science (Stamford)

Laura Donorfio
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Amy Egbert
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Honors & Enrichment Programs

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Political Science

Niti Jhaveri
Class of 2026, Storrs

Anne Kim
Honors Program

Claudia Koerting
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Patrick Kumavor
Biomedical Engineering

Joy Learman
School of Social Work

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Honors & Enrichment Programs

Catherine Little
Educational Psychology

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Patricia Szarek
Honors Program

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Erika Williams
English & Africana Studies

Suzanne Wilson
Senate Curricula & Courses Representative

Honors Program Staff

Akosua Agyei, Honors Program Coordinator, Stamford
Tim Beaucage, Honors Program Advisor and STEM Scholar Coordinator
Jaclyn Chancey, Enrichment Programs Director for Curriculum, Assessment, and Planning and Associate Director, Honors Program
Sade Erinfolami, Honors Program Coordinator
Kaitlin Heenehan, Associate Director, Honors Program at the Regional Campuses
Donielle Joslyn, Honors Program Coordinator
Anne Kim, Assistant Director for Honors Advising
Jennifer Lease Butts, Associate Vice Provost, Enrichment Programs and Director, Honors Program
Jennifer Oliveira, Honors Advising Administrator and Honors ACE Advisor
Patricia Szarek, Associate Director for Honors Enrollment Management

Honors Faculty Member of the Year Award Recipient

Ryan D. Talbert

Ryan D. Talbert is an Assistant Professor of Sociology; faculty affiliate of the Africana Studies Institute and the Institute for Collaboration on Health, Intervention, and Policy at the University of Connecticut; and leads the Health Equity Lab. He received He specializes in health disparities, race and racism, and punishment and inequality. A primary goal of his work is to examine critically how extensions of white supremacy and systemic racism shape and maintain racial health disparities. A second line of research examines the social psychology of race and ethnicity with a focus on attitudes, discrimination,and identity, and a final line of inquiry analyzes the causes and consequences of contact with the criminal legal system. His scholarship has been published in journals such as the Journal of Marriage and Family, Journal of Racial and Ethnic Health Disparities, and Sociology of Race and Ethnicity, and has been covered in outlets such as NBCBLK, ASA News, and The Sentencing Project. Ryan was the recipient of the 2024 Mentorship Excellence Award from UConn's Office of Undergraduate Research; 2024 Teaching Excellence Award from the UConn-American Association of University Professors; and the 2024 Faculty Mentoring of Graduate Students Award from UConn's College of Liberal Arts and Sciences.

Honors Student Speaker

Eva-LaRue Barber, an Allied Health Honors Scholar in the Major and University Honors, advances healthcare accessibility through innovative research and service initiatives. Her leadership has spanned multiple roles: Deputy Director of Student Services for the Undergraduate Student Government, EMT/firefighter, Adopt-a-Health-District internship coordinator, undergraduate researcher in multiple labs, podcast host/editor for the Holistic Huskies, UConn Football sports medicine intern, Mental Health Peer Educator at Student Health and Wellness, Technology Innovation Program Fellow, and UConn Health Leader. Her Academics in Action project focuses on opioid response training for older adults. Her thesis research on synthesizing polycaprolactone in the Asandei Laboratory thoughtfully combines scientific research with healthcare advancement. After graduation, she will join Yale University School of Medicine as a research assistant working with Dr. Peggy Myung on the development and commercialization of advanced dermatological technology. As a future MD/PhD, she aims to mentor the next generation of scientists while leading research that advances molecular and genetic biology, ensuring discoveries reach every patient who needs them.

Student Speaker Finalist Speech Excerpts

The selection of the Honors Medals Ceremony student speaker is always so difficult, given the number of highly qualified applicants. The 2025 student finalists graciously have allowed for this publication to share excerpts from their prepared speeches.

During the first few days of our college experience, we began to understand the Honors Program's vision: "Honors students will value knowledge at the broadest level while achieving distinction in their field of study. They will be prepared for leadership in their chosen professions and will serve their communities as responsible local and global citizens." — **Aarthi Tippireddy**

The UConn Honors Program has given more than just a leg-up academically for me - it's been transformative in shaping my collegiate journey into becoming more resilient. The perspectives that I gained- the fact that it isn't about being perfect, but it's about working towards growth- have defined my time at UConn.
— **Amitojeroop Kaur**

Throughout my time at UConn, the Honors Program has shaped my growth as a student, leader, and advocate. The Program's pillars—explore, create, lead—have defined my undergraduate experience, and I have embraced what it means to be an Honors student. Honors encouraged me to explore my interests, refine my goals, and gain a broader perspective than I ever could have imagined when I began my undergraduate education. — **Claire Murphy**

I have gained extensive lecturing and presenting experience and have been deeply involved with the Honors Program throughout my time at UConn. Outside of the Honors Program, I have made the most of my time at UConn through a variety of opportunities. — **Justin Guinta**

My time as an Honors student has been marked by leadership, mentorship, and a deep appreciation for the sense of community that the program fosters—especially at regional campus UConn Stamford.
— **Nathaly Herrera**

The Honors Program has been intertwined with my college experience since I started at UConn. All of these experiences that I have had as part of the Honors community, both as a student and a leader, encompass this motto: I explored my interests, I created meaningful experiences from this exploration, and I led a community of Honors students hoping to pursue similar experiences. — **Yana Tartakovskiy**