

The Honors Medals Ceremony is the culmination of a student's time in the UConn Honors Program. This annual event began in 2004 as a way to celebrate those students who have completed the rigorous Honors curriculum and are graduating as Honors Scholars or University Scholars. Founded in 1964, the Honors Program offers intellectually gifted and highly motivated undergraduate students the opportunity to obtain the richest possible collegiate experience. Working with every school and college, the Honors Program promotes challenging coursework and encourages intellectual independence through research and creative activities. Students form personal relationships with faculty and staff through Honors classes, regular contact with advisors, and the close supervision that comes with conducting the Honors thesis. Students make life-long friends and enhance their talents by living in Honors residential communities, attending Honors events, and joining Honors student organizations. Honors students also contribute significantly to the greater campus culture of UConn through their academic engagement, leadership, and involvement.

This rite of passage marks the end of our students' undergraduate careers and the beginning of their next stage in life. They have spent their time in Honors knowing they were part of a community: living, learning, and building relationships they will take with them for decades to come. It is important to note that their successes were not accomplished alone. Much of their development depended upon a wider support system. Honors faculty and advisors worked closely with our students to guide their studies and broaden their minds. Parents and family have supported their scholar, offering any assistance required for them to blossom into adults. And the Honors alumni and donors extended helping hands to move our students forward, giving of their time, their wisdom, and their own success to aid our students' journeys. As we gather to commemorate the close of the 2023-2024 academic year; the joy, pride, and gratitude we celebrate as an Honors community remains a constant in paying tribute to our graduating scholars.

Welcome

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

Remarks

Radenka Maric, *President*

Introduction of Student Speaker

Bryan K. Pollard '85, *Board of Trustees*

Honors Scholar Address

Faith Thomas '24, *Honors and UHL Scholar*

Honors Faculty Member of the Year Award Recipient

Beth Ginsberg, *Associate Professor in Residence, Political Science*

Presentation of Medals and Gifts to University Scholars

Nomenclator

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

Assisted by

Indrajeet Chaubey, *Dean, College of Agriculture, Health and Natural Resources*

Victoria Dickson, *Dean, School of Nursing*

Morgaen Donaldson, *Associate Dean for Research, Neag School of Education*

Alain Frogley, *Interim Dean, School of Fine Arts*

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

Kazem Kazerounian, *Dean, College of Engineering*

Anne Langley, *Dean, UConn Libraries*

Nora Madjar, *Associate Dean for Undergraduate Programs, School of Business*

Jennifer Manuel, *Associate Dean for Research, School of Social Work*

Eboni Nelson, *Dean, School of Law*

Nathaniel Rickles, *Associate Dean for Admissions & Student Affairs, School of Pharmacy*

Presentation of Medals to Honors Scholars and University Honors Laureates

Nomenclator

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

Presentation of Medals to Honors Scholars

Nomenclator

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

Concluding Remarks

Jennifer Lease Butts

The duties of Marshal were performed today by

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

Jaclyn Chancey

Sade Erinfoami, *Program Coordinator, Honors Program*

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

Danielle Joslyn, *Program Coordinator, Honors Program*

Anne Kim, *Assistant Director for Honors Advising
Coordinator, Rowe Scholars Program*

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

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ANANYA AGGARWAL* B/H/SPDM/STEM

Molecular & Cell Biology

Characterizing Key Properties of Complex Delivery Systems for the Treatment of Ovarian and Prostate Cancer

Advised by: Xiuling Lu, Christina Ross, Nathan Alder

Current chemotherapeutic and hormone treatments for ovarian cancer and prostate cancer are highly toxic, and repeated administration causes drug resistance. Ananya Aggarwal's project investigated different types of chemotherapy and hormone drug delivery systems to determine what design best interacts within the human body.

LAUREN OLIVIA BASKIN* NE

English and Political Science

Literary Invocations in Political Discourse: An Analysis of U.S. Presidential Reading

Advised by: Yohei Igarashi, Elen Coundouriotis, Jane Gordon

Inspired by the intersection of her two majors, Lauren's project asks how literary works might function in the political domain. Closely analyzing the case of President Barack Obama's reading lists, using a mixture of qualitative and quantitative methods, she explores how literature— specifically fiction—shaped his presidency and political vision.

AIDAN O’BRIEN CARON^B

Geographic Information Science and Political Science

Promoting Environmental Justice: A Mixed-Method Approach to Identifying Socioeconomic Disparities in Urban Park Access

Advised by: Xiang Chen, Jeffrey Ladewig, Stacy Maddern

Aidan's project focuses on jointly quantifying urban park accessibility and quality to determine if individuals from low-income and minority communities maintain proper access to the health benefits associated with park usage. The project employs spatial analysis, a national panel survey, and site visits to over 50 parks in Greater Hartford.

CHRISTIAN L CHLEBOWSKI* B/H

Accounting and Individualized: Government, Policymaking, and Law

One Small Step, One Giant Leap: Comparing America’s Trajectory to the Moon in the Apollo and Artemis Eras

Advised by: Alina Lerman, William Simonsen, Vishal Baloria

As America endeavors to return mankind to the Moon, it does so in a vastly different society than existed during Project Apollo. Through a fiscal analysis of lunar-oriented appropriations and the public support and Congressional attitudes they derive from, Christian's project looked to the past to hypothesize the future of lunar exploration.

RICHARD DURAND DUBE** B/STEM

Mathematics and Physics

An Educational Resource for Particle Identification (PID) in High-Energy Particle Physics

Advised by: Richard Jones, Myron Minn-Thu-Aye, Diego Valente

Particle Identification Playground is a collection of Python-based activities that teach students about the first stage of particle physics data analysis, called particle identification, along with the working mechanisms of common particle detectors using interactive 3D models and simulations of real particle physics experiments.

SINDY LIRIE GORKA** NE

Molecular & Cell Biology

Investigating the Timing and Function of Post-mitotic Readthrough Transcription

Advised by: Leighton Core, Jessica Costa, Jaci Van Heest

Sindy's research focuses on a phenomenon known as readthrough transcription whereby RNA polymerase continues transcription past normal gene ends. This 'runaway' transcription can alter expression of neighboring genes. Specifically, Sindy's work investigates the timing and function of readthrough transcription that occurs during cell division.

DEBORAH MARIE HEASLIP** S/STEM

Animal Science

Investigation of Tail Bifurcation in *Ambystoma Maculatum*

Advised by: Elizabeth Jockusch, Amy Safran, Mary Anne Amalaradjou

Deborah's project investigates the phenomenon of tail regeneration in yellow-spotted salamanders going awry, which is described as tail bifurcation or forked tails. She investigated what kind and how much damage needed to occur to a tail's spinal cord using various methods to determine what is required to cause abnormal tail regeneration.

KATHERINE TATIANA JIMENEZ** BOLD/NE

English and Journalism

Creative Novel: Novel-in-Progress

Advised by: Regina Barreca, Sean Forbes, Julie Serkosky

Katherine's project investigates the damaged relationship between mother and daughter through a fictional retelling of her mother's life in Revolutionary Nicaragua after her grandmother abandoned her mother to seek refuge in the United States.

SOFYA LEVITINA^{BOLD}

Mathematics/Statistics and Physics

Prediction of Black Hole Mass in the Real Universe Using Artificial Intelligence Algorithm Trained on CAMELS Simulations

Advised by: Daniel Anglés-Alcázar, Alexander Teplyaev, Caiwen Ding

Black holes are one of the most mysterious phenomena in our Universe integral to star formation, galaxy evolution, and gravitational forces. With the first image of a supermassive black hole in our galactic center, the relevance of black holes in media and education is at its peak. The CAMELS project built state-of-the art cosmological simulations that allowed for further black hole analysis. Previously, I was able to develop an algorithm trained to predict black hole mass by analyzing correlating galactic and black hole properties in CAMELS simulations. For this project I will improve the algorithm using real galactic data to correctly predict known black hole masses, in hopes to achieve an accurate prediction of an unknown black hole mass in a distant galaxy.

ALEXEY POZDNYAKOV** B

Computer Science and Mathematics

Machine Learning Mathematics: A Modern Approach to Ancient Problems

Advised by: Kyu-Hwan Lee, Jeremy Teitelbaum, Derek Aguiar

Elliptic curves appear in millennium prize problems, the proof of Fermat's last theorem, and modern cryptography. With Professor Kyu-Hwan Lee, Alexey Pozdnyakov applied machine learning methods to such curves, leading him to discover a correlation in the properties of these curves - now believed to be a universal feature of algebraic equations.

ROMIR RAJ** NE

Biomedical Engineering

Dynamic Changes in the Chromosome Architecture during Early *Drosophila* Embryogenesis

Advised by: Jelena Erceg, Mayu Inaba, Patrick Kumavor

Romir aims to understand chromosome organization and how this organization may change as development progresses. Romir uses developing fruit fly embryos to mark whole chromosomes and any changes during development. By studying this topic, he hopes that this research may also help understand how disease development may occur.

RYLEE CAPRI THOMAS** B/H

English and Communication

The Ghostly Dynasty: Victim-Blaming, the Gothic Novel, and the Modern True Crime Drama

Advised by: Ellen Litman, Sean Forbes, Stephen Stifano

Rylee has written a contemporary young adult horror novel that plays upon the conventions of both the gothic novel and the modern true crime drama. Her novel, titled “The Ghostly Dynasty,” explores the double standards that society places on women in both literary and criminal justice.

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.

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BRIDGET ELIZABETH ABRIL

Political Science

Erasing the Pink Tax: An Evaluation of State Success Adopting Legislation that Targets Gender-Based Price Discrimination

Advised by: Lyle Scruggs

ANANYA AGGARWAL ^{B/H/SPMD/STEM}

Molecular & Cell Biology

Characterizing Key Properties of Complex Delivery Systems for the Treatment of Ovarian and Prostate Cancer

Advised by: Xiuling Lu

ARIANA BAHAVAR ^{B/BOLD/SPL}

Political Science

Caution: You're at the Supreme Court's Discretion

Advised by: Kristin Kelly

LAUREN OLIVIA BASKIN ^{NE}

Political Science

Literary Invocations in Political Discourse: An Analysis of President Barack Obama's Reading Lists

Advised by: Yohei Igarashi

ETHAN BENJAMIN BATKO ^B

Molecular & Cell Biology

Engineered Exosomes in Diseased Models

Advised by: Nilanjana Maulik

MARISSA ROSE BIRMINGHAM ^{NE/S}

Cognitive Science

The Use of Speech, Facial Expressions, and Gestures in Young Adults with Autism Spectrum Disorder

Advised by: Inge-Marie Eigsti

JULIANNA MARIE BOSCO ^{STEM}

Animal Science

Effects of Poor Maternal Nutrition during Gestation on FO and F1 Ewe Colostrum and Milk Composition and Colostrum IgG

Advised by: Kristen Govoni

OLIVIA MARTINE BOWES ^{NE}

Molecular & Cell Biology

The Effects of Phosphodiesterases on Sperm Storage in Female Drosophila Melanogaster

Advised by: Jianjun Sun

FIONA S BOYD ^{NE}

Physiology & Neurobiology

The Impact of the Ketogenic Diet on Fertility In a Female Drosophila Melanogaster White Minus Model

Advised by: Geoffrey Tanner

JESSICA BYLYKU ^{SPPH}

Doctor of Pharmacy

Analyzing the Impact of Implicit Bias in Pharmacy and Healthcare-Related Professions

Advised by: Jeannette Wick

ERIN MARY CARNEY ^{NE/SPL}

Political Science

Beyond the Bars: A Comparative Analysis of Gender Sentencing Disparities Among Offenders in U.S. District Courts

Advised by: Kimberly Bergendahl

BENJAMIN DAVID CHASSÉ ^{NE}

Mechanical Engineering

A Julia Implementation of Density-Based Topology Optimization for Dynamics Problems

Advised by: Julian Norato Escobar

CHARLOTTE CHEN ^{H/NE/STEM}

Materials Science & Engineering

Antifouling and Antibacterial Brush-like Polymers from Silk Fibroin Surfaces for Urinary Catheter Coatings

Advised by: Kelly Burke

CHARLOTTE CHEN ^{H/NE/STEM}

Molecular & Cell Biology

Bacterial Biofilms: The Ongoing Battle Against Antibiotic-resistant Microbial Civilizations

Advised by: Stacey Hanlon

CHRISTIAN LEE CHLEBOWSKI ^{B/H}

Accounting

One Small Step, One Giant Leap: Comparing America's Trajectory to the Moon in the Apollo and Artemis Eras

Advised by: Alina Lerman

CHRISTIAN LEE CHLEBOWSKI ^{B/H}

Individualized: Government, Policymaking, and Law

One Small Step, One Giant Leap: Comparing America's Trajectory to the Moon in the Apollo and Artemis Eras

Advised by: Alina Lerman

SANAIAH MONAE DICKSON

Psychological Sciences

Mechanisms of Contagion for Internalizing Distress Across Adolescent Friendships and Parental Relationships

Advised by: Kimberli Treadwell

KATRINA ELIZABETH DOHERTY

Chemistry

Cleaner, Greener Oxidation Chemistry: Development of New Oxoammonium- and Nitroxide-Mediated Transformations

Advised by: Nicholas Leadbeater

BROOKE MOLLOW DUDA ^B

Cognitive Science

Autism Traits and Lexically-Guided Perceptual Learning

Advised by: Rachel Theodore

RYAN EDWARD DURRELL ^{NE}

Economics

What Makes a Song Popular?: The Harmonic Complexity of by the Way Bass Lines and their Streams

Advised by: Metin Cosgel

OLIVIA ELIZABETH FERRIGNO ^{B/H}

Mechanical Engineering

Investigation of Parameters that Affect Braze Joint Strength

Advised by: Vito Moreno

ALEXANDER JAMES FRANCOEUR ^{NE}

Biological Sciences

Use of Multi-target CRISPR/Cas9 Knockouts in Arabidopsis

Advised by: Yaowu Yuan

PIPER LAUREN GLASS ^{B/SPL}

Political Science

From Film to the Modern Political Landscape: An Investigation into Female Related Topics and Issues within Society

Advised by: Matthew Singer

LEO JACOB GOLD ^{B/STEM}

Computer Engineering

Parallelization and Characterization of Multi-objective Routing

Advised by: Omer Khan

LEO JACOB GOLD ^{B/STEM}

Electrical Engineering

Parallelization and Characterization of Multi-objective Routing

Advised by: Omer Khan

JACOB DEVITA GOLDSTEIN ^{NE/SPM/STEM}

Molecular & Cell Biology

Role of Carbonic Anhydrase Beta in Carbon Fixation in the Human-Associated Methanogen Methanobrevibacter smithii

Advised by: Michel Santiago Martinez

JOSEPH WALTER GRUBB ^{NE}

Exercise Science

The Odds of Cardiac Events Occurring in Relation to Athletic Trainer Location And Services (ATLAS) Data

Advised by: Robert Huggins

MIA XINYING HAYNES ^{NE}

Biomedical Engineering

Bicelle Lipid Nanocarrier Platform for Delivery of Nucleic Acids

Advised by: Mu-Ping Nieh

NATALIE JEANNE KACH ^{BOLD}

Biological Sciences

Protecting Native Pollinators of New England: Identifying the Effect of Combined Signaling Cues in Plant-Pollinator Interactions

Advised by: Yaowu Yuan

VIRAG IVETT KORNISS

Economics

The Effects of Brexit on International Student Applications: The United States as a Potential Alternative to the United Kingdom

Advised by: Delia Furtado

SANGEETA KUCHIBHOTLA ^{STEM}

Physics

An Exploratory Study and Synthesis of Differences Between Two Observational Epochs of the Central Molecular Zone

Advised by: Cara Battersby

ARIEL AMETHYST KUHL ^{NE/STEM}

Animal Science

Investigation of Reproductive Efficiency of Female Offspring Born to Poorly-fed Ewes during Gestation

Advised by: Steven Zinn

FEIYANG LI ^B

Biomedical Engineering

In situ Printing for Implantation of 3D Printed Composite Bone Grafts

Advised by: Ali Tamayol

MELISSA STOWELL LOWRY ^{B/STEM}

Nursing

Effects of Adverse Childhood Experiences on Patient Pain Outcomes Later in Life

Advised by: Eileen Condon

CAROLINE GRACE LYNCH ^B

Psychological Sciences

Regarding the Gender Gap: Interrogating McArthur's Hypothesis on Dyslexia, Anxiety, and Inattention

Advised by: Nicole Landi

JAMES MILANO

Electrical Engineering

Development of an Electric Circuit Board and Prototype for Potentiometric and Voltametric Sensor Detection

Advised by: Lei Wang

KRISTIANE KAYLA OHLHORST

Chemistry

Exploring Electrochemical Approaches for Cleaner, Greener Oxidative Reactions

Advised by: Nicholas Leadbeater

KARINA PATEL ^{NE/SPMD}

Physiology & Neurobiology

Theory of Mind Ability in Individuals Who have Lost an Autism Diagnosis

Advised by: Inge-Marie Eigsti

MAYA DEVI RAVI ^{NE/STEM}

Nutritional Sciences

Suggested Effects of Ketone Supplementation on Fertility in Drosophila Melanogaster Model, Oregon R

Advised by: Geoffrey Tanner

ABIGAIL RICKETTS ^B

Psychological Sciences

Shyness, Unsociability, and the Moderating Role of Parental Behaviors on Peer Relationship: A Six-year Study with Children of Parents with Anxiety Disorders

Advised by: Na Zhang

KELLY ALEXANDRA RUESTA

CAYETANO ^{DP/NE/R}

Individualized: Health

Disparities among Marginalized Groups Exploring Barriers to Health Care for Undocumented Students with Health Insurance

Advised by: Sarah Willen

DELANEY SARA SCHIEFEN ^B

General Program in Music

Early Career Teachers' Readiness to Teach Students with Exceptionalities

Advised by: CaraBernard

KATRINA SOPHI SCHNEIDER ^B

Biological Sciences

Standardizing Visualization and Quantification of Mammalian Neuronal Synapses through Ultrathin Imaging and Fluorescent Immunohistochemistry

Advised by: Linnaea Ostroff

JONATHAN TYLER SCHWARTZ ^{NE}

Computer Science & Engineering

An Analysis of Probabilistic and Deterministic Methods in Primality Testing through the ECPP, AKS, and Miller—Rabin Algorithms

Advised by: Sanguthevar Rajasekaran

JONATHAN TYLER SCHWARTZ ^{NE}

Mathematics

An Analysis of Probabilistic and Deterministic Methods in Primality Testing through the ECPP, AKS, and Miller—Rabin Algorithms

Advised by: Sanguthevar Rajasekaran

ASHLEY ESTHER SCIACA ^{NE}

Mechanical Engineering

A Comparison of the Drag Force of Planning and Displacement Hull Designs for an Electric Powered Boat

Advised by: Vito Moreno

ARIANA SHEA EGAN SPEARIN ^{NE}

Elementary Education

Seating in K-6 Classrooms

Advised by: Catherine Little

REGINALD FREDRICK STREATER ^{NE/R/S}

Physiology & Neurobiology

Elucidating the Role of Cystic Fibrosis Transmembrane Regulator (CFTR) High Expressor Cells (CHE) in Gut Physiology and Intestinal Diseases

Advised by: Joseph Loturco

AMANDA THERESA TATNALL ^{NE}

Psychological Sciences

Nursery Rhymes As a Scaffold for the Autonomous Deployment of Language: A Longitudinal Case Study of Linguistic Change

Advised by: Elena Levy

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.

JOAN LORRAINE TEJERA
Computer Science & Engineering
Mobile Health Analysis: Evaluation of Applications for Trustworthiness Features
Advised by: Swapna Gokhale

FAITH THOMAS ^{B/STEM}
Physiology & Neurobiology
The Impact of the Ketogenic Diet on Fertility In a Female Drosophila melanogaster Canton Special Model
Advised by: Geoffrey Tanner

LAUREN FRANCES TOCMAN ^{NE/SPL}
Political Science
"A "Piece of Political Candy" or a Punishment for Betraying the American Race: The Paradoxical Citizenship Policy that Simultaneously Rewarded and Punished American Women"
Advised by: Jeffrey Dudas

COLMAN PATRICK TOKAR ^{NE}
Chinese
Capital Market Integration Between China and ASEAN
Advised by: Kanda Naknoi

COLMAN PATRICK TOKAR ^{NE}
Economics
Capital Market Integration Between China and ASEAN
Advised by: Kanda Naknoi

ALEXA MCCALL MANH UDELL ^{NE}
Psychological Sciences
Using a Visual Analog Scale with a Lexically-Guided Perceptual Learning Task - Is a Learning Effect Demonstrated?
Advised by: Rachel Theodore

GRACE ELIZABETH VAIDIAN ^{B/STEM}
Individualized: Drugs, Disease & Illness
Ability of Aripiprazole to Reverse Effort-related Effects of Tetrabenazine in Female Rats: A Comparison with Male Rats
Advised by: John Salamone

JILLIAN MORGAN WATT
Allied Health Sciences
Exploring Tribal Elders' Meaning of Foods and Practices: Providing Guidance for Culturally Relevant Nutrition Education
Advised by: Valerie Duffy

LYLA ROSE WHITE ^{H/NE/STEM}
Pharmacy Studies
Impact of Storage Environment on Aspirin Tablet Stability
Advised by: Bodhisattwa Chaudhuri

KATHRYN ANNE WILKINSON ^B
Molecular & Cell Biology
A Retrospective Analysis of Emergency Department Utilization by the Geriatric Population In Connecticut from 2013 to 2023
Advised by: Patricia Rossi

ERIKA HONDA YASUHARA
Anthropology
Snake Zootherapy in the Archaeological Record
Advised by: Gideon Hartman



MOIRA RENEE LIBAN AGCAOILI
Physiology & Neurobiology
Perinuclear Localized Beta-Adrenergic Receptors Mediate Cardiomyocyte Apoptosis
Advised by: Kimberly Dodge-Kafka

PRIYA MOLLY AGGARWAL ^{NE/STEM}
Molecular & Cell Biology
Unveiling CL function in Drosophila Ovary
Advised by: Jianjun Sun

BETUL MUNISE AGIRMAN ^{STEM}
Computer Science & Engineering
Analyzing Information Cascades through Machine Learning and Data Analytics
Advised by: Suining He

SAKEENA AMBERLYN AIMANDI ^{NE/STEM}
Computer Science
Large Language Models and Fine-Tuning for Non-English Languages
Advised by: Cuong Do

LARA AKBAS ^B
Biological Sciences
Exploring the Association between Trait Mindfulness and Heart Rate Variability
Advised by: Natalie Shook

ZOE RYAN ALBER ^{NE}
Environmental Engineering
Water Quality Monitoring through Satellite Data
Advised by: Malaquias Pena Mendez

RAHUL REDDY ALLA ^{STEM}
Molecular & Cell Biology
Exploring the Relationship between Oppositional Defiant Disorder and Brain Function in the Context of Race
Advised by: Jeffrey Burke

DINA ALLAM
General Studies
Exploring Intersectional Experiences: Women on University Campuses
Advised by: Hind Ahmed Zaki

DEFNE ALPDOGAN ^{NE}
Urban & Community Studies
Pathway to Recidivism: Returning to the Prison Industrial Complex
Advised by: Stacy Maddern

LAUREN B ALVAREZ ^B
Molecular & Cell Biology
Exploring Xlr3's Role in Transgenerational Epigenetic Inheritance: Linking Meiotic Dysfunction and Cognitive Impairment
Advised by: Michael O'Neill

YOUSSEF AMER ^{NE}
Computer Science
Studying the End-user Understanding of the Underlying Technology and Benefits of FIDO Authentication Technology
Advised by: Mohammad Khan

YASMIN ANDALIB ^{NE}
Cognitive Science
Narrative Macrostructure: A Comparison Between Autistic and Typically Developing Adolescents
Advised by: Letitia Naigles

COLE RAYMOND ANGELL ^B
Chemistry
Purification of Natural RNAs through Size-exclusion Chromatography
Advised by: Daniele Fabris

NITHILA ANNADURAI ^{STEM}
Psychological Sciences
Dynamical Processes in Rat Observational Learning
Advised by: EtanMarkus

GIANNA MARIE AQUINO ^B
Elementary Education
Push-in Differentiation of Instruction for Gifted Mathematics Education
Advised by: Del Siegle

PATRICIA ANNE ARCETA
Pathobiology
An Exploration of Antibiotic Resistance in Zoonotic Streptococcus canis: From Susceptibility Testing to Genomic Profiling
Advised by: Guillermo Risatti

DANIYAL ATHAR ^{NE}
Molecular & Cell Biology
Analyzing the Microbiological Profile of Structural Heart Devices
Advised by: Patricia Rossi

JACKSON SCOTT AYERS ^{B/H}
Physiology & Neurobiology
Investigations into the Tumor Genesis and Vascular Microenvironment in a Model of Supratentorial Ependymoma
Advised by: Joseph Loturco

JEREMY REUBEN BACHMAN
Philosophy
Intuition and Modal Epistemology
Advised by: Keith Simmons

NICOLA GRACE BACON ^{NE}
Environmental Engineering
Development of a Water Treatment Protocol for Groundwater Contaminated with Per- and Polyfluoroalkyl Substances Utilizing Bench-Scale Column Tests
Advised by: Maria Chrysochoou

CAROLINE MARSH BADOT ^B
Speech, Language & Hearing Sciences
Accessibility of Improved Communication: The Funding and Effectiveness of School Speech and Language Services
Advised by: Stacy Maddern

POORVA BAGCHEE ^{NE}
Physiology & Neurobiology
Cre-Lox Mice as a Model for Stem Cell Development
Advised by: Joanne Conover

DP - Day of Pride

Day of Pride Scholars are recognized as outstanding Connecticut high-school seniors from disadvantaged backgrounds who have demonstrated exceptional academic ability.

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.

RICHA BALAMURUGAN ^{STEM}
Chemical Engineering
Optimization of Wastewater Treatment Plant Using Nonlinear Machine Learning Algorithms
Advised by: Burcu Beykal

NATALIA BARAN ^{NE}
Accounting
Assessing Leadership in Business: A Critical Investigation of Paul Knopp
Advised by: Nell D’Auria

CASSANDRA ELISABETH BARBINO ^{SPL}
Finance
Assessing Leadership in Business: A Critical Investigation of Maureen Chiquet
Advised by: Nell D’Auria

ALIJAH PATRICK BARRETT
Psychological Sciences
A Theoretical Review of Generalized Anxiety Disorder in Children
Advised by: Margaret Briggs-Gowan

JILLIAN RENEE BARRON ^{NE}
Pathobiology
Analysis of Antibiotic Sensitivity Patterns in Pasteurellaceae Family Isolates: A Microbial and Molecular Investigation
Advised by: Guillermo Risatti

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Mathematics/Actuarial Science
Relief Pitcher Lane Optimization in Baseball Analytics
Advised by: Daniel Watt

SWETHA BATTINI
Molecular & Cell Biology
Advancements in CRISPR-Cas9 Gene Editing: Applications and Future Implications for Sickle Cell Disease and -Thalassemia Treatment -Thalassemia
Advised by: Charles Giardina

EMMA KRISTINE STOGARD BEARD ^B
Molecular & Cell Biology
Investigating the Role of Bone Morphogenetic Protein Signaling in Drosophila spermiogenesis
Advised by: Mayu Oguro

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Computer Science & Engineering
Haplotype Assembly and Phasing Unification
Advised by: Derek Aguiar

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Biological Sciences
Immunopathogenesis of Post-Infectious Hydrocephalus
Advised by: Joanne Conover

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Urban & Community Studies
The Presentation of a City through Postcards: New Britain in the Twentieth Century
Advised by: Kenneth Foote

ARYA SACHIN BHOGTE ^{STEM}
Mathematics/Actuarial Science
Bias Reduction in Artificial Intelligence Insurance Modeling
Advised by: Daniel Watt

SAHITI BHYRAVAVAJHALA ^{NE/SPMD/STEM}
Chemistry
Synthesis of Photoswitchable Pyrimidine Benzamides for KCNQ Channel Regulation
Advised by: Michael Kienzler

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Political Science
Readings in Gendered Politics, Law, and Social Change
Advised by: Jennifer Sterling-Folker

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English
Poetry of the Institution: The Formation of a New Poetics as a Tool for Meaning-Making inside the State Hospital
Advised by: Brenda Brueggemann

HAZEL A BILLINGS-CHIUI ^{NE/SPPH}
Doctor of Pharmacy
Factors Predictive of Postgraduate Residency Placement: A Systematic Review
Advised by: Diana Sobieraj

CHRISTIAN PAUL BJORK ^B
Mechanical Engineering
Quantifying Properties of Soot in Ethylene Diffusion Flames Doped with Isododecane
Advised by: Francesco Carbone

SCOTT MARTIN IVOR BLACK
Mechanical Engineering

GAIL MAAME AKOMEA BOAHEN ^{R/DP}
Psychological Sciences
The Importance of Community-Centered Mental Health
Advised by: Chi-Ming Chen

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Economics
Spatial Analysis of the Impact of Large-Scale Solar on Residential Property Values in Connecticut
Advised by: Carol Atkinson-Palombo

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Political Science
International Political Theory
Advised by: Matthew Singer

LENA GRACE BOSCO ^{NE}
Nursing
Integrating Pediatric Palliative Care Case Studies into an Undergraduate Nursing Curriculum
Advised by: Katherine Bernier Carney

KOSTA BOSKOVIC ^B
Cognitive Science
Reinvestigating the Role of Observational Contexts in Learning Hard Nouns
Advised by: Sumarga Suanda

ALEXANDRIA ELISABETH BOUTIN ^{NE}
Animal Science
Effects of Oxytocin on Reproductive Health, Milk Synthesis and Secretion, and Caregiver Interactions in Cows: A Review
Advised by: Steven Zinn

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Economics
Effects of the Fair Sentencing Act on Racial Disparities in Sentence Lengths
Advised by: Spencer Cooper

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Physiology & Neurobiology
Novelty-Based Fear Extinction in People with Social Anxiety
Advised by: Robert Astur

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Political Science
Resilience and Empowerment: An In-depth Analysis of Support Resources for Survivors of Gender-Based Violence in Albania
Advised by: David Richards

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Nursing
Posttraumatic Growth in Postpartum Nurses
Advised by: Carrie Eaton

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Communication
Exploring Asexual Identity and Well-Being
Advised by: Amanda Denes

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Physiology & Neurobiology
The Effects of Exogenous Beta-hydroxy-butyrate Supplementation on Cerebral Glucose Levels in Traumatic Brain Injury, a Drosophila melanogaster Model
Advised by: Geoffrey Tanner

MAXIM ANDRE CAOUETTE
Accounting
Assessing Leadership in Business: A Critical Investigation of Jeff Bezos
Advised by: Nell D’Auria

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Allied Health Sciences
Transcendental Meditation and Blood Pressure: A Meta-Analytic Review
Advised by: Blair Johnson

REY GUAN CARTEN ^B
Molecular & Cell Biology
Exploring the Structure and Assembly of Janus-base Nanotubes through Multi-scale Molecular Dynamics Simulations
Advised by: Eric May

SARAH MAY CASELLA ^{NE/SPPH}
Doctor of Pharmacy
The Light Scattering Properties of Amorphous Nanoparticles Formed By Poorly Soluble Drugs
Advised by: Na Li

DYLAN JAMES CASSIDY ^{NE}
Computer Science
Program Analysis of C for Conversion to Memory-Safe Rust
Advised by: Seyedhamed Ghavamnia

ZACHARY WARNER CATANIA
Molecular & Cell Biology
Characterizing Adhesion Protein Dynamics in Fast Moving Cells using Zebrafish Transgenesis
Advised by: Juliet Lee

RYAN KENNETH CATLIN ^B
Analytics & Information Management
Assessing Leadership in Business: A Critical Investigation of Bill Gates
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RORY NELLIGAN CAVICKE ^{STEM}
Environmental Engineering
Using Green Space to Combat the Urban Heat Island Effect
Advised by: Abiola Agboola

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Finance Assessing
Leadership in Business: A Critical Investigation of Satya Nadella
Advised by: Nell D’Auria

LAUREN ELIZABETH CHANCE ^{NE}
Molecular & Cell Biology
Investigation of Archaea Diversity in the Anna’s Hummingbird Microbiome
Advised by: Sarah Hird

MATHEW ATTUPURATHU CHANDY ^{NE/STEM}
Statistical Data Science
Nonparametric Bootstrap Kolmogorov-Smirnov Goodness-of-Fit Test for Marginal Distributions of Stationary Time Series
Advised by: Jun Yan

CATHY CHANG
Mathematics/Actuarial Science
Reinsurance Techniques and Applications
Advised by: Daniel Watt

CLIFFORD CHEN ^{SPPH}
Doctor of Pharmacy
In Silico Conformation Analysis of the Disordered Regions of the Proteins Associated with the β-catenin Destruction Complex and p53
Advised by: Brian Aneskievich

NIVEDHYA CHERUVARI ^{NE/SPPH}
Allied Health Sciences
Optometry and Social Media: A Content Analysis of Eye Care Professionals’ Communication and Representation on Instagram
Advised by: Sherry Pagoto

SPOORTHI B CHETAN ^{NE/STEM}
Biomedical Engineering
Mapping Patients’ Physiological Stress During Mammogram Screening using the Current Standard of Care as a Benchmark
Advised by: Krystyna Gielo-Perczak

AAYUSH CHOPRA ^{NE}
Biomedical Engineering
Mechanical Loading of Gelatin Hydrogels to Model Traumatic Brain Injury
Advised by: Fayekah Assanah

VIKRAM CHOWDHURY ^{STEM}
Computer Science & Engineering
Using Machine Learning to Predict Company Stock Valuations
Advised by: Joseph Johnson

JOHN THOMAS CIURYLO
Political Science
Sorting Out Our Differences: The Psychology behind Partisan Polarization
Advised by: Ronald Schurin

SYDNEY ROSE CLEAVELAND ^{SPL}
Political Science
Inscribing Exclusion: Tracing Heteronationalist Ideologies in U.S. Citizenship Construction
Advised by: Elva Orozco Mendoza

OSCAR EVAN CLEMENT ^B
Chemistry
3D-printed Microfluidic Devices for Electrochemiluminescence and Chemiluminescence Detection of Proteins and miRNA
Advised by: Nicholas Leadbeater

ABIGAIL ALICE CLIFFORD
Mathematics/Statistics
Promoting Mathematical Literacy: An Exploration of Elementary School Students’ Written Work in Mathematics
Advised by: Fabiana Cardetti

KATIE MARIE COLEMAN ^B
Elementary Education
Multicultural Literature in the Classroom
Advised by: Douglas Kaufman

MAEVE RYAN COLLINS ^{NE}
Human Development & Family Sciences
Saving Children from the Dangers of “Sharenting” – A Federal Policy Solution
Advised by: Mary Berthelot

OWEN G CORBETT
Mathematics/Statistics
Advanced Baseball Batting Order Optimization Model
Advised by: Haim Bar

RUTH EDNA CORTRIGHT
Allied Health Sciences
Effects of Joystick-operated Ride-on-toy Navigation Training Program on Upper Extremity Motor Function in Children with Unilateral Cerebral Palsy
Advised by: Sudha Srinivasan

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

OLIVIA RAE CRAWFORD ^{NE}
Physiology & Neurobiology
Identifying a Molecular Marker of Expiratory Neurons in the Lateral Parafacial Region
Advised by: Daniel Mulkey

ALEXANDER CRUZ
Analytics & Information Management
Assessing Leadership in Business: A Critical Investigation of Bob Iger
Advised by: Nell D’Auria

CAROLYN ROSE CUMELLO
Finance
Assessing Leadership in Business: A Critical Investigation of Mary Barra
Advised by: Nell D’Auria

ALICIA JOANNA DABEK ^{NE}
Doctor of Pharmacy
A Literature Review of Possible Drugs Subject to Microbial Metabolism in the Human Gastrointestinal Tract
Advised by: Na Li

ANNESHA DAS
Cognitive Science
Improvement in Measuring Attention Using Eye Movements with Electroencephalography (EEG)
Advised by: Ido Davidesco Klinger

KATHERINE ANN DATTNER ^{NE}
Political Science
Meanings of Democracy Lab: Pluralistic Resistance to Christian Nationalism
Advised by: Ruth Sullivan

SARAH ELIZABETH DAVEY ^{NE}
Cognitive Science
The Influence of an Unfamiliar Language in Phonetic Activation: A Comparison Between Bilinguals and Monolinguals
Advised by: Adrian Garcia-Sierra

BRENDAN JAMES DAVIS ^{NE}
Finance

KALEB THOMAS DEMELLO
Linguistics/Philosophy
An Analysis of the Verbal Morphosyntax of Oscan and Umbrian in Comparison to Latin
Advised by: Andrea Calabrese

NATHAN MATTHEW DEMING ^{NE}
Biomedical Engineering
Parallel vs Divergent Screw Placement for Femoral Neck Fracture Fixation: A Biomechanical Comparison
Advised by: Krystyna Gielo-Perczak

ANISH DESAI ^{NE}
Mechanical Engineering
Experimental Characterization of Effusion Cooling in Gas Turbine Combustors
Advised by: Baki Cetegen

DALTON CARTER DICAMILLO ^{NE}
Biomedical Engineering
Developing Agarose-Matrigel Hydrogels: Cultivating Realistic 3D MCF-7 Organoid Models for Mechanical Testing and Anti-Cancer Drug Efficacy Assessment
Advised by: Kazunori Hoshino

ELIZABETH ILIANA DOAN
Ecology & Evolutionary Biology
The Effect of Climate Change on Oviparous Shark Reproduction and Development: A Literature Review
Advised by: Caroline Heyduk

ALLISON NOEL DONNELLY ^{NE}
Marketing
Assessing Leadership in Business: A Critical Investigation of Indra Nooyi
Advised by: Nell D'Auria

SOPHIA MARIE DOVER
Journalism
Beyond the Bars: Redemption and Renewal
Advised by: Marie Shanahan

ERICA ASHLEY DOYLE ^B
Biomedical Engineering
Developing a Mobile Application to Support Patient Use of Remote Gait Device During At-Home Rehabilitation
Advised by: Patrick Kumavor

JULIETTE TARA DOYLE
Environmental Sciences
How Does Hummock Creation in Submerging Salt Marshes Alter Nitrous Oxide Fluxes?
Advised by: Beth Lawrence

MADELINE ROSE DOYLE ^{NE}
Political Science
You Didn't Even See the Signs: Tucker Carlson Tonight, Partisan Media, and the 2020 Election
Advised by: Jennifer Dineen

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Finance
Assessing Leadership in Business: A Critical Investigation of Jeff Bezos
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Finance
Assessing Leadership in Business: A Critical Investigation of Ryan Serhant
Advised by: Nell D'Auria

NISHANT D'SOUZA ^{NE/SPMD/STEM}
Nutritional Sciences
The Effects of Zinc Deficiency on Mammalian Growth
Advised by: Sangyong Choi

RICHARD DURAND DUBE II ^{B/STEM}
Physics
An Educational Resource for Particle Identification (PID) in High-Energy Particle Physics
Advised by: Richard Jones

KYLE COLBY DUBOIS ^{NE}
Allied Health Sciences
Feasibility and Efficacy of a Joystick-Operated Ride-on-Toy Navigation Training Program in Improving Arm Function in Children with Hemiplegic Cerebral Palsy
Advised by: Sudha Srinivasan

MICHAEL JOSEPH DUNN
Chemical Engineering
Advancing Human Rights Competencies in the Chemical Engineering Department
Advised by: Desen Ozkan

ALIZA JOSELLE EBORA ^{NE}
Allied Health Sciences
Food Insecurity and Impact on Mental Health Outcomes in Regional Campus Students
Advised by: Kristen Cooskey

MAGNUS PATRICK BIRNEY ^B
EKSTROM
Chemistry
Characterization of Glutamate Dehydrogenase in Methanobrevibacter smithii
Advised by: Michel Santiago Martinez

JOSHUA PAUL ELLENBERG ^B
Anthropology
On the Digital Frontier? The Internet, Coloniality, and What's "Real"
Advised by: Deborah Bolnick

MARLEY DALE ESCH ^{SPMD}
Molecular & Cell Biology
Lifestyle Characteristics and their Impact on Neuroplasticity and the Development of Alzheimer's Disease
Advised by: Thomas Abbott

ASHLEY JULIANNA ESCOBAR
Allied Health Sciences
Conditioned Place Preference with Virtual Reality Alcohol Cues
Advised by: Robert Astur

SAMANTHA LYNN ESPOSITO ^B
Physiology & Neurobiology
Effects of Aripiprazole on Effort-Based Behavior in Female Rats on FR5/Chow Feeding Choice Task: A Comparison with Male Rats
Advised by: John Salamone

ISABELLA MARIE FABRIZI ^{NE/STEM}
Mechanical Engineering
An Analysis of EKF Simultaneous Localization and Mapping Algorithms for UAVs
Advised by: Chengyu Cao

NOEL LAWRENCE FAGAN ^{NE}
History
Living Among Us, but not with Us: A Study of the Liberal Republican Party and its Influence on the Termination of Racial Progress in Postbellum Northern United States
Advised by: Manisha Sinha

ANDREW FANG ^{NE}
Computer Science
Empirical Investigation of Reticulation Number for Multiple Phylogenetic Trees
Advised by: Yufeng Wu

GABRIELLE DOREEN FAZZINO ^{NE}
Digital Media & Design
Children's Safety and Social Media: The Dangers and Threats From What We Post Online
Advised by: Matthew Worwood

SAVANNAH LILY FISH ^{NE/SPL}
Allied Health Sciences
The Short- and Long-term Financial and Health Provision Outcomes after Hospital Leadership Turnover
Advised by: Shane Murphy

EMILIA BO YENG FONG-GALLAGHER ^{NE/STEM}
Animal Science
Comparing the Effectiveness of Different Forms of Vitamin E Supplementation (Liquid vs. Powder) on Serum Alpha-Tocopherol Concentrations in Developing Horses
Advised by: Amy Safran

DANYERE NYERERE FRANCIS
Finance
Assessing Leadership in Business: A Critical Investigation of James Dimon
Advised by: Nell D'Auria

CARSON BLUMENFELD GAINES ^B
Physiology & Neurobiology
The Effects of Locus Coeruleus Axon Activation on Gustatory Cortex Response to Sound Cue and Kool-aid
Advised by: Natale Sciolino

JONATHAN ALBERT GALLO ^{NE}
Animal Science
Microbiome Analysis to Evaluate the Response to Heat Stress in Dairy Cattle
Advised by: Breno Fragomeni

ILENE GARCIA
Social Work
La Experiencia Universitaria- Asset-based Needs Community Assessment for the University of Connecticut Waterbury Campus Hispanic Community
Advised by: Joy Learman

KELLY LYNNE GAY ^{NE}
Human Development & Family Sciences
One Woman, Many Outcomes: The Healing of Housing
Advised by: Alaina Brenick

MAIREAD GILLESPIE ^{STEM}
Nursing
The Perception of Future Nurses on the Social Determinants of Health
Advised by: Michelle Cole

KIRA MADELINE GOLDMAN ^B
Allied Health Sciences
Assessing Health Implications of Monarch Butterfly Populations and Behaviors
Advised by: Jessica Malek

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Psychological Sciences
Exploring Resilience-Factors and Positive Development in Single-Parent Households
Advised by: Jonas Miller

BRYAN ANTONIO GONCALVES ^{STEM}
Biomedical Engineering
The Portable Insulin Pen
Advised by: Patrick Kumavor

WENQI GONG ^{NE}
Economics
Pandemic Impacts on Women's Mental Health: A Literature Review
Advised by: Tianxu Chen

GIAVANNAH MARIE GORGONE
Molecular & Cell Biology
Interconnection of Autophagy, Senescence, and Inflammation in Cardiovascular Disease
Advised by: Kenneth Campellone

SINDY LIRIE GORKA ^{NE}
Molecular & Cell Biology
Investigation of the Timing and Function of Post-mitotic Readthrough Transcription
Advised by: Leighton Core

ALEXANDER WILLIAM GREB ^{NE}
Physiology & Neurobiology
Effects of Anti-Inflammatory Drugs and Local Anesthetics on Microtubule Organization
Advised by: Lakshmi Nair

SAMUEL MARTIN GRESH ^{STEM}
Computer Engineering
Development of an Electric Vehicle Accumulator for Formula SAE Competition
Advised by: Sung Yeul Park

GUNREET K GREWAL ^{B/STEM}
Physiology & Neurobiology
Exploring the Role of Autophagy in Drosophila Ovation
Advised by: Jianjun Sun

SAITRISHA GULAPPA
Accounting
Assessing Leadership in Business: A Critical Investigation of Elon Musk
Advised by: Nell D'Auria

LAVANA GULATI
Molecular & Cell Biology
Role of TEAD1 in TGF-β1 Induced EMT and Renal Fibrosis
Advised by: Charles Giardina

ABHIRAM GUNTI
Computer Science
Augmented Reality Empowered Human-in-the-Loop Training for Active Search Algorithm in Additive Manufacturing
Advised by: Derek Aguiar

AASTHA GUPTA
Physiology & Neurobiology
Effects of Aripiprazole on Effort-related Behaviors of Female Rats Utilizing a Progressive Ratio/Chow Feeding Choice Task: A Comparison to Male Rats
Advised by: John Salamone

MAHIT GUPTA
Biological Sciences
Characterization of Developmentally Regulated miR-1247-5p in Neuroprotection and CNS Axonal Regeneration
Advised by: Feliks Trakhtenberg

SANA GUPTA
Statistics
Adapting Multiple Imputation for Compositional Survey Data
Advised by: Ofer Harel

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Haddad Mathematics
Self-Similar Structure in an Exchangeable Model for Population Dynamics
Advised by: IddoBen Ari

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Nutritional Sciences
An Overview of the Significant Literature Available on the Relationship Between Albumin Levels in Critically Ill Children and Mortality
Advised by: Elizabeth Kline

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Computer Science
Algorithmic Fairness in Machine Learning Models
Advised by: Caiwen Ding

SHIVANIE DEVI HARBARAN ^R
Nursing
Insight into a Reminiscence Study: The Relationship of Participation Involvement and Reported Wellness Score
Advised by: Juliette Shellman

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Biomedical Engineering
Using Machine Learning to Identify Autism Spectrum Disorder from Smart-phone Based Electroretinograms
Advised by: Hugo Posada-Quintero

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Human Rights
Moving Backwards: The Impact of Latin American Anti-Gender Networks on the Rights of Women
Advised by: Shareen Hertel

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Political Science
Obstacles to Comprehensive U.S. Immigration Reform: A Study of Eight Presidents
Advised by: Jane Gordon

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Animal Science
Investigation of the Induction of Tail Bifurcation in Ambystoma maculatum
Advised by: Elizabeth Jockusch

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Mathematics
Optimal Stopping and Related Topics
Advised by: Oleksii Mostovyi

ZOE ELIZABETH HELMKE
Physiology & Neurobiology
The Effects of ZFTA/Rela on Oncogene Development in Olfactory Bulb
Advised by: Joseph Loturco

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English
I Wrote This Instead of Being Productive
Advised by: Sean Forbes

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Computer Science
A UI-Enhanced Approach to Generic Web-Based Scheduling
Advised by: Wei Wei

ANNE HO
Accounting
Assessing Leadership in Business: A Critical Investigation of Eric Yuan
Advised by: Nell D’Auria

MIYA SEOGHUI HONG
Marketing
Assessing Leadership in Business: A Critical Investigation of Tim Cook
Advised by: Nell D’Auria

TESSA AUGUSTA HOSPOD
Environmental Sciences
Evaluation of Carex Species for Low Maintenance, Native Lawn Alternatives
Advised by: Jason Henderson

KATHLEEN PAIGE HOULIHAN ^{NE}
Mathematics/Statistics
Selecting Team Members for the Female United States Artistic Gymnastics Team for the 2024 Paris Olympics Based on Performance and Stability
Advised by: Jun Yan

HARRISON YOUNG HUA ^{NE}
Computer Science & Engineering
Machine Unlearning in Cyber-Physical Devices
Advised by: Yuan Hong

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Psychological Sciences
Measuring the Brain’s Response to Musical Syntax Discrepancies
Advised by: Edward Large

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Biological Sciences
The First Draft Genome of Cold-Water Octocoral Anthothela Grandiflora, the Great Flowerbud Coral
Advised by: Jill Wegrzyn

BRETT M HURLEY ^{NE/SPL}
Environmental Sciences
Built to Impede: A Comparative Case Study of Electrical Sector Decarbonization Policy in Connecticut, Massachusetts, and Rhode Island
Advised by: Oksan Bayulgen

JACOB JOSHUA IVANOV
Mechanical Engineering
Computational Modelling of Under-expanded Supersonic Jets Using the Method of Characteristics
Advised by: Oleksiy Poludnenko

AKSHARA BALAJI IYER ^{NE}
Physiology & Neurobiology
Identifying Novel Upstream Regulators of the Hippo Pathway: Forward Genetic Screen in Drosophila melanogaster
Advised by: Jianzhong Yu

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History
The Abraham Lincoln Brigade and the American Role in the Spanish Civil War
Advised by: Elizabeth Della Zazzera

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Political Science
Exploring the Intersection of Racial and Political Theory in Latin America and the United States; Unpacking Racial Autonomy, Political Resistance, and Participation
Advised by: Matthew Singer

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Molecular & Cell Biology
Oxybenzone Implications on Human Health and the Environment
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Chemical Engineering
Testing the Performance of a Corsi-Rosenthal Box with Different Configurations
Advised by: Kristina Wagstrom

KATHERINE TATIANA JIMENEZ DUARTE ^{B/NE}
English
University Scholar Novel Project
Advised by: Regina Barreca

ANDRE XU JIN
Electrical Engineering
Use of Design for Manufacturing and Assembly (DFMA) in Simulating Components of a Water Pump
Advised by: Amy Thompson

DANIELA INGE SAGE JOHNSON ^B
Animal Science
The Interactions Between the Ectoderm and Mesoderm throughout Animal Development
Advised by: Sarah Reed

JASMINE MARIE JOHNSON ^{NE}
Mechanical Engineering
Study on UConn Mechanical Engineering Course Teaching Methods’ Effects on UConn’s Mechanical Engineering Students Preparedness Post Course
Advised by: Jason Lee

BEATRIX ANNABELLE JORDAN
Economics
Abortion Policy and the Earned Income Tax Credit
Advised by: David Simon

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Physiology & Neurobiology
Investigating the Role of Autocrine IL-10 in Mast Cell Homeostasis
Advised by: Clinton Mathias

JISS B JOSEPH ^{NE}
Physiology & Neurobiology
Linking the ASPM Phenotype to Autism Spectrum Disorder
Advised by: Roslyn Fitch New

NITI KAMANI ^B
Molecular & Cell Biology
Acculturation and Access to Dental Care Trends from 2011-2020
Advised by: Thomas Abbott

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Digital Media & Design

ARVIND KUBENDRAN KASILIYA ^{STEM}
Computer Science
BGPsy: A Tool for Visualizing BGP Attacks and Vulnerabilities
Advised by: Amir Herzberg

MILES HENRY KEE
Statistics
Using Statistical Modeling to Estimate the Chances of Success of College Basketball Transfers
Advised by: Yao Zheng

SARAH WENDY MARIE KELLY
English
Changeling
Advised by: V. Penelope Pelizzon

GRACE ANNE KENNEDY ^B
Art
College Decisions: A YA Graphic Novel
Advised by: Alison Paul

MEGHAN KENNEDY ^B
Molecular & Cell Biology
Design and Synthesis of Diastereomeric C6-phenyl-D-galactosides as Potential Substrates of Glycosyl Hydrolases
Advised by: Mark Peczuh

AIDAN JAMES KENNY ^B
Finance
Assessing Leadership in Business: A Critical Investigation of Warren Buffett
Advised by: Nell D’Auria

AUDREY CLAIRE KIESLING ^{NE}
Marketing
Assessing Leadership in Business: A Critical Investigation of Susan Wojcicki
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KIANA MAINES KLAFTER ^{NE}
Physiology & Neurobiology
The Role of Time to Perceive in our Knowledge about Things
Advised by: Eiling Yee

ANDERS ROBERT KLEINBECK
Molecular & Cell Biology
A Review of Staphylococcus aureus Pathogenesis, Global Impact, and the Rise of Antibiotic-Resistant Clones
Advised by: Andrei Alexandrescu

LUKAS VICTOR KLIN ^{NE}
Physiology & Neurobiology
A Virtual Reality Conditioned Place Preference in Undergraduates with Nicotine Use
Advised by: Robert Astur

IMOGENE ROSEMARY KLINE ^{NE}
Biological Sciences
Do the Eyes Have It? Reconstructing Fish Migration Using Stable Isotope Analysis of Eye Lenses
Advised by: Eric Schultz

THOMAS JAY KO ^{NE/SPDM}
Molecular & Cell Biology
The Role of Oral Microbiota in the Causation of Colorectal Cancer
Advised by: Patricia Rossi

PIOTR KOLAKOWSKI
Philosophy
Wishful Thinking in Epistemology
Advised by: Julian Schloeder

RHEA KOYAMBRETH
Physiology & Neurobiology
A Single Gene Association Study for Dyslexia: Expanding our Understanding of the Relationship between NRSN1 and Reading Disorders
Advised by: Nicole Landi

RHEA KOYAMBRETH
Psychological Sciences
A Single Gene Association Study for Dyslexia: Expanding our Understanding of the Relationship between NRSN1 and Reading Disorders
Advised by: Nicole Landi

AASHI ALOK KULKARNI ^{STEM}
Allied Health Sciences
Biological and Behavioral Indicators of Stress and Cardiometabolic Risk in Young Female Adults
Advised by: Bruce Blanchard

ANIKA KUMAR ^{NE}
Business Data Analytics
Assessing Leadership in Business: A Critical Investigation of Tory Burch
Advised by: Nell D’Auria

EMILIA KWASNIAK
Finance
Assessing Leadership in Business: A Critical Investigation of Tony Hsieh
Advised by: Nell D’Auria

ADAM DEJESUS LABARRE ^B
Political Science
Cops Fights Back: How Law Enforcement in Reality TV are Turned into Community Heroes
Advised by: Kimberly Bergendahl

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Pathobiology
Developing an mRNA Vaccine for Powassan Virus
Advised by: Paulo Verardi

ZACHARY ROBERT LAPOLLA
Economics
The Impact of Automation and Artificial Intelligence on the Labor Market
Advised by: Kenneth Couch

JAKE BRYSON LAURO ^{NE}
Nutritional Sciences
Investigating the Effects of Dietary Sphingomyelin in Mouse Model Induced Small Intestine Inflammation
Advised by: Christopher Blesso

CLAIRE LEE ^{NE}
Political Science
A Tale of Two Cities: Case Study Analyses of Municipal Renewable Energy Policy in the United States and Sweden
Advised by: Oksan Bayulgen

DARREN J LEE ^{B/H/STEM}
Molecular & Cell Biology
Characterizing Novel Colonization Factors in the Leech Digestive Tract Symbiont Aeromonas veronii
Advised by: Joerg Graf

JACOB DANIEL LEE ^{B/STEM}
Mathematics
Change of Variables in Lebesgue Integration
Advised by: Vasileios Chousionis

LARA LEFKOWITCH ^B
Sociology
Beyond the Self: A Critical Examination of the Role of Body Positivity in Fat Liberation
Advised by: Ingrid Semaan

MADISON S LEMIEUX ^{NE}
Diagnostic Genetic Sciences
Pre-Validation of 18s rRNA Sequencing for Identification of FFPE Fungal Samples: Comparison of QIAamp DNA FFPE Tissue Kit and TaKaRa Dexpat for Fungal Isolation
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Mathematics

Hilbert Reciprocity Over Number Fields

Advised by: Keith Conrad

PAVAYEE THENNARASI SOCRATES

Physiology & Neurobiology

The Role of Ketone Bodies in Delaying Neurodegeneration Caused by Traumatic Brain Injury in a Drosophila Melanogaster Model

Advised by: Geoffrey Tanner

MARWYNN SOMRIDHIVEJ

Biological Sciences

Reconstruction of the Evolutionary History of the Yellow Stripe Like Gene

Advised by: Bernard Goffinet

VIDEEP SONI^{STEM}

Physiology & Neurobiology

The BRAFV600E Mutation in Postnatal Radial Glia Alters Glial Development in the Cerebral Neocortex

Advised by: Joseph Loturco

GABRIELA ALEJANDRA SORIANO^{STEM}

Molecular & Cell Biology

Understanding the Effect of Disease-causing Mutations of USP7 Enzyme on its Substrate specificity

Advised by: Irina Bezsonova

PETER VITO SPINELLI^{NE}

Management

Assessing Leadership in Business: A Critical Investigation of Bob Iger

Advised by: Nell D'Auria

KHADIJAH STANFORD^R

Nursing

Depression and Anxiety are Both My Weaknesses: Exploring the Impact of Sexual and Reproductive Health Disparities and Mental Health Challenges on Female African American Adolescent Parents in Foster Care

Advised by: Christina Ross

MADELEINE SAGE STANSBURY

Finance

Assessing Leadership in Business: A Critical Investigation of Steve Jobs

Advised by: Nell D'Auria

ELIZABETH TONGJUAN STASSEN

General Program in Music

Outcomes for Recent Music Graduates in Higher Education in Connecticut: A Statistical Summary and Analysis

Advised by: Eric Rice

STRATTON B-A STAVE^B

Psychological Sciences

Message Complexity, Celebrity Endorsement, and Need for Cognition as Factors in Persuasion

Advised by: Blair Johnson

MADELINE MARIE STEVENS^{NE}

Biomedical Engineering

Analysis of Cognitive Exercises on Body Balance

Advised by: Krystyna Gielo-Perczak

EMILY E STRICKLAND^{NE}

Molecular & Cell Biology

The First Chromosome-scale Reference Genome of the Endangered Polyploid Pumpkin Ash (Fraxinus profunda)

Advised by: Rachel O'Neill

ANGELA YE SU

Doctor of Pharmacy

An Interdisciplinary Healthcare Team Perspective to Improving Emergency Department Medication Reconciliation Processes

Advised by: Marie Smith

PUYENNI KOSISOCHUKWU SUMANI

Biological Sciences

The Effect of Arbuscular Mycorrhizal Fungi on Plant Photosynthesis Rate in Areas of Varying Water Resources

Advised by: Edward McAssey

UTHARA SUNDERESH ^{NE}

Physiology & Neurobiology

Exploring the Efficacy of a Single Joystick-Operated Ride-On-Toy Navigation Training Program for Enhancing Upper Extremity Function in Young Children with Unilateral Cerebral Palsy

Advised by: Sudha Srinivasan

SHEELA TAVAKOLI

Individualized: Behavioral Neuroscience

The Impact of Feeding and Time of Day on Observational Learning in Rats

Advised by: EtanMarkus

RYLEE CAPRI THOMAS ^{B/H}

English

The Ghostly Dynasty: Victim-Blaming, the Gothic Novel, and the Modern True Crime Drama

Advised by: Ellen Litman

MALCOLM THOMAS THOMPSON ^B

English

The Lacuna of Margaret Atwood’s MaddAddam Trilogy: The Mysteries of Crake

Advised by: Pamela Bedore

GIANMARCO LUIGI TOCCO ^{NE}

Finance

Assessing Leadership in Business: A Critical Investigation of Steve Jobs

Advised by: Nell D’Auria

EVAN J TOWER ^{NE}

Computer Engineering

Secure Embedded Architecture

Advised by: John Chandy

KEVIN P TRAINOR

Biomedical Engineering

The Effect of Flow Rate and Other Factors on The Efficiency of Microfluidic Assembly of Homogenous Nanoparticles for Various Channel Designs

Advised by: Yupeng Chen

SARA TRUEAX

Economics

Economic Determinants of Happiness and the Imperative of Human Rights: Examining Corporate Power, Marginalized Communities, and Sustainable Well-Being in a Globalized World

Advised by: Kenneth Couch

EMILY TRYBULEC ^B

Molecular & Cell Biology

Argonaut: A Flexible Reads to Genome Assembly Pipeline Built for Eukaryotic Species of Conservation Concern

Advised by: Rachel O’Neill

YULIANA TSAPAR

Marketing

Assessing Leadership in Business: A Critical Investigation of Anna Wintour

Advised by: Nell D’Auria

REBECCA GENEVIEVE TUDOR ^{NE/STEM}

Animal Science

Nutritional Management of Beef x Dairy Crossbred Calves During the Grower Period

Advised by: Sarah Reed

KAYLA TURNER

Civil Engineering

Feasibility of Extracting Location-Based Information with Convolutional Neural Networks in Structural Engineering

Advised by: Arash Esmaili Zaghi

ZAHEER ULIV TURTEM ^{R/NE}

Nursing Building Rainbow Bridges:

A Meta-ethnography

Advised by: Carrie Eaton

CHRISTOPHER NICHOLAS

TYBURSKI ^B

History

MADISON GRACE TYBURSKI ^{NE/SPL}

Political Science

Some Violence is Less Forgivable: How Violence Against Civilians is Remembered in South Korean History Textbooks

Advised by: Jennifer Sterling-Folker

YUKTI UMMANENI ^B

Biomedical Engineering

3D-Printed Silicone Matrix for Enhanced and Breathable Football Padding

Advised by: LiisaKuhn

LILY JOAN VAN DER KROEF ^{NE}

English

Authors vs Writers: The Problem with Problem Novels

Advised by: Emily Cormier

LILY JOAN VAN DER KROEF ^{NE}

Molecular & Cell Biology

Silicosis: A Literature Review of Pathophysiology and Emerging Treatment Options

Advised by: Juliet Lee

AJEETH KRISHNA VELLORE ^B

Mechanical Engineering

Implementation of Hyper-Dimensional Computing in Graph Structure-Based Machine Learning Modeling

Advised by: Farhad Imani

RUSHIL VELUPULA

Computer Science

Advancing Loan Default Predictions: A Machine Learning Approach to Enhancing Financial Risk Assessment

Advised by: Phillip Bradford

SASHANK RAJ VENUGOPAL ^{STEM}

Computer Science

Legacy Code Migration: Strategic Analysis from COBOL to Python and DB2 to MySQL – Uncovering Challenges, Leveraging Benefits, and Extracting Insights

Advised by: Suining He

GIULIANA ELIZABETH VINCES ^{NE}

Political Science

Pushups, Pit Maneuvers, and Pistols: How the Police Academy may be Stacked Against Females

Advised by: Kimberly Bergendahl

LIANNA HUAN WAGNER ^{STEM}

Molecular & Cell Biology

Maintenance of Lysosomal Integrity by Actin Nucleation Factors

Advised by: Kenneth Campellone

BINGKUN WANG ^{NE}

Economics

Team Production and Monitoring

Advised by: Richard Langlois

ALYSSA LYNN WATROUS

Molecular & Cell Biology

A Molecular Basis and Overview of Dermatomyositis: A Literature Review

Advised by: Leighton Core

ISABELLA JAYLYNNE WELCH ^{NE}

Physiology & Neurobiology

The Evolutionary & Neuroendocrine Bases of Prosocial Behaviors

Advised by: Stephen Trumbo

RYAN MATTHEW WESTERVELT ^B

Biomedical Engineering

Specialized Surfaces for Reducing Necessary Clamping Force in Tendon-driven Prosthetic Grippers

Advised by: Patrick Kumavor

CAROLINE NICOLE WEXLER ^{NE}

Geoscience

Monitoring the Calving Front of Breiðamerkurjökull Using UAV Photogrammetry and Sentinel-1 Imagery Breiðamerkurjökull

Advised by: Robert Thorson

NICOLAS T WHELAN

Mechanical Engineering

Integrated Analysis of Economic Optimization and Life Cycle Assessment for a Fully Modular Wheelchair Accessibility Ramp Utilizing Recyclable Materials

Advised by: Jorge Paricio Garcia

COREY ANDREW WICHANSKY ^{NE}

Finance

Assessing Leadership in Business: A Critical Investigation of Phil Knight

Advised by: Nell D’Auria

ETHAN JOHN WICKO ^{H/STEM}

Mechanical Engineering

Generative Computer Aided Design for Compliant Mechanisms

Advised by: Jason Lee

ABIGAIL JULIA WIERSMA

History

A Physician’s Physician: Sir Heneage Ogilvie’s Contributions to Physician Mental Health

Advised by: Tom Scheinfeldt

EMMA MARIE WILKE

Nursing

Discrimination, Neighborhood Vulnerability and Stress in Mother-Preterm-Infant Dyads

Advised by: Sharon Casavant

MIKAYLA WILLIAMS ^S

Geoscience

Humans, Climate and Fire in New England Since the Last Glacial Maximum

Advised by: Michael Hren

SHIR-VAL CHANIER WILLIAMS

Finance

Assessing Leadership in Business: A Critical Investigation of Mark Zuckerberg

Advised by: Nell D’Auria

SHAMARAY YVONNE WILSON

Psychological Sciences

The Supportive Spaces Study

Advised by: Alexandra Garr-Schultz

ANDREW JACK WOLEK ^{STEM}

Animal Science

Identification of NSP11 Antagonists Against PRRSV Infection

Advised by: Young Tang

MICHELLE C WONG ^{NE}

Accounting

The Effects of the COVID-19 Pandemic on Pension Accounting

Advised by: William Docimo

NICOLE MARIE WONG ^{NE/STEM}

Mechanical Engineering

An Investigation of Accessibility Considerations, Accommodations, and Procedures Implemented for Guests with Disabilities at the Disney Parks, and Proposals for Future Improvement

Advised by: Jorge Paricio Garcia

RACHAEL SAULE WOODRUFF

Nutritional Sciences

The Association of Aerobic Exercise with Changes in HDL Quality Induced by Egg Consumption – A Post-hoc Analysis of a Randomized, Controlled, Crossover Dietary Intervention Study

Advised by: Catherine Andersen

WEI-CHENG WU ^{NE}

Economics

Shifting Tides in OTC Markets: An Industry-Based Analysis of Top Performers Post-SEC Rule 15c2-11

Advised by: Olivier Morand

RICHARD YIK ^{NE/SPPH}

Doctor of Pharmacy

A Collaborative Experiential Pharmacy Technician Training Program: High-lighting the Partnership Among a Local Community College, State Pharmacy Organization, and Healthcare System.

Advised by: Marissa Salvo

ZACHARY ALEX YOUNG

Computer Science

An In-depth Analysis of the Potential for Drone-based Signal Enhancement in Naval Communications

Advised by: Walter Krawec

HAYDEN YUAN

Molecular & Cell Biology

Identifying Key Evolving Residues that Drive CID/CAL1 Incompatibility in Drosophila Species

Advised by: Barbara Mellone

BAASIM MUHAMMAD ZAFAR ^{NE}

Environmental Engineering

Solar Powered Destruction of Nitrate in Water Using Antimony Selenide

Advised by: Alexander Agrios

MARIAM ZEDAN ^{B/SPPH}

Doctor of Pharmacy

Investigating Effects of Co-culturing with Vibrio fischeri on Secondary Metabolite Production of Hawaiian Bobtail Squid Symbionts

Advised by: Brian Aneskievich

LAURA ZHANG

Physiology & Neurobiology

How do Gut Microbes affect Neurological Disorders? A Meta Analysis of Gut-brain Axis Studies

Advised by: Jeffrey Divino

XUEJING ZHAO ^B

Sport Management

Examine the Academic Support Systems for Intercollegiate Athletes

Advised by: Laura Burton

RYAN JARED ZIMMERMAN ^{NE}

Mathematics/Actuarial Science

Artificial Intelligence Takes Over Insurance

Advised by: Daniel Watt

Honors Faculty Member of the Year Award Recipient



Beth Ginsberg

Dr. Beth Ginsberg is currently an Associate Professor in Residence in the Department of Political Science. She is also a Core faculty member in the Indigeneity, Intersectionality, Race, Ethnicity and Politics program and has faculty affiliations in El Instituto and Women's Gender and Sexuality Studies. She has been a member of the UCONN faculty since 2010. Since her arrival at UCONN, she has taught a wide range of course at the Stamford campus in both American Politics and Racial and Ethnic Politics. She has served as an advisor for student Honors theses 5 times and supervised 11 Honors course conversions. Professor Ginsberg is also an active member of the Stamford campus where she advises several student clubs and supervises independent studies and student internships. She also serves on the Stamford Faculty Council, as Faculty Mentoring coordinator, and the campus beautification committee. Her research focuses on the influences on Latino subgroup voting behavior. She has presented variations of her research at several national and regional political science organizations. Ginsberg, along with her co-author, Dr. Sarah Perez are in talks with Lexington Press to publish their research.

Honors Student Speaker



Faith Thomas

Faith Thomas is graduating with a double major in Physiology and Neurobiology and Molecular and Cell Biology. On campus, she is an Honors Guide for Peer Success (GPS), President of Chi Alpha (Campus Ministry), Program Director for Collegiate Health Service Corps, "Senior Labby" in the ND² lab, and a Presidential STEM Scholar. Beyond the classroom, she is actively involved in her church and loves to record mini vlogs as travels with her family. Faith is immensely grateful for her time in the Honors Program, and she looks forward to continuing her pursuit of learning and serving in medical school.

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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Irma Asif, Class of 2026

Daniel Buckley, Class of 2024

Brian Aneskievich, School of Pharmacy

Judy Brown, School of Nursing

Jamie Caruso, BGS & Non-Degree Programs - Waterbury

Christian Chlebowski, Class of 2024

James Chrobak, Psychology Department

Annamaria Czismadia, Human Development and Family Sciences - Stamford

Laura Donorfio, Human Development and Family Sciences - Waterbury

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Melissa Manning, Academic Advisor - Hartford

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Kyoungjo (Jo) Oh, Management and Entrepreneurship

Rachel O'Neill, Molecular and Cell Biology

Isaac Ortega, Natural Resources and the Environment

Sahnavi Palimar, Class of 2027

John Richardson, School of Fine Arts

Erika Williams, English and Africana Studies

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Ruolin Xu, Class of 2026