

URC 2024 AWARDS OF EXCELLENCE

All Colleges Undergraduate Research Symposium - Oral Session A, April 26, 2024				
Student Name	Class	Major/s	Faculty Adviser	Title of Presentation
Ande Allison	Senior	Sport Management and Leadership	Karen Collins	Coaches' Perceptions of Mental Health in Collegiate Athletics
Alyssa Colandreo	Junior	Computer Science	Ekaterina Burvikova	Comic, Yet Tragic: Nikolai Gogol's Life and Works
Olivia Dill	Senior	Political Science	Thomas Safford	The Evolution of Italian Immigration Policy
Jackson Freidberg	Sophomore	Political Science	Chris Reardon	Demographic Decision Making: Research on Japanese Attitudes toward Immigration
Claire Hobbs	Sophomore	History	Alexis Broderick	Hineni: The Jewish History of the New Hampshire Seacoast
Juhong Jin	Senior	Economics	Chris Reardon	South Korea Real Estate Market Crisis
Anna Claire Rasmussen	Senior	Communication	Renee Heath	Navigating Bud Light's Controversy and the Power of Crisis Communication
Isabella Thomson	Senior	Anthropology	Amy Michael	Person to Object: Dehumanization, Violence, and Unethical Treatment of Human Skeletal Remains
All Colleges Undergraduate Research Symposium - Oral Session B, April 26, 2024				
Student Name	Class	Major/s	Faculty Adviser	Title of Presentation
Tara Anderson	Senior	Business, <i>UNH Manchester</i>	Thomas Safford	Examining Ecuador's Increasing Crime Rates
Amoni Dorrington	Senior	Homeland Security	Thomas Safford	An Interlocked Dynamic: Navigating Hong Kong and China's Relationship
Anna Drabik	Junior	Communication	Nora Draper	The Affordances and Cultural Considerations of Blue Light Emergency Systems
Tess Hornbeck	Senior	Theatre	Lucia Montas	Multilingual Melodies - Uniting Cultures through Translation in Musical Theatre
Suzanne Scharff	Senior	Women's and Gender Studies	Siobhan Senier	Feminist Environmental Ethics: A Modern, Intersectional Approach
MaryRose Wainaina	Junior	Political Science	Jeannie Sowers	Iran's Power in Movement

All Colleges Undergraduate Research Symposium - Oral Session C, April 26, 2024				
Student Name	Class	Major/s	Faculty Adviser	Title of Presentation
Sadie Chaffin	Junior	Psychology	Ellen Cohn	Unveiling Potential Gender Differences in Prosocial Versus Antisocial Rule-Violating Behavior
Olivia Dill	Senior	Political Science	Mary Malone	Climate Change: The New Driver of Forced Migration
Bernadette Farmer	Senior	Economics	Reagan Baughman	The Economic Impacts of Digital Nomads in Medellín, Colombia
Sullivan Kimball	Sophomore	Political Science	Chris Reardon	Unrest in China's Rural and Periphery Areas
Megan Kimball-Rhines	Junior	Communication	Jennifer Borda	Breaking Barriers: Examining Lactation Access in Higher Education Institutions
Caleb Marrero	Junior	Health Sciences	Trish Kelshaw	Epidemiology of Concussions Among Collision Sport Status in Middle School Athletes
All Colleges Undergraduate Research Symposium - Poster Session A, April 26, 2024				
Student Name	Class	Major/s	Faculty Adviser	Title of Presentation
Will Arsenault	Junior	Information Systems and Business Analytics	Dante Scala	US Foreign Policy and Its Effects on US Elections
Danielle Azevedo	Senior	Occupational Therapy	Sarah Smith	An Examination of the Experience of Participation in Inclusive Arts Education Programs
Graham Collinsworth	Senior	Genetics	Estelle Hrabak	Investigating Phenotypes of Pollen Expressed Palmitoyl Transferase Mutants in Arabidopsis
Abby Gould	Senior	Psychology	Lisa Jones	Law Enforcement Investigations of Commercial Sexual Exploitation of Children (CSEC) with Unclear Commercial Elements: Implications for Understanding CSEC Prevalence and Dynamics
Hayden Lawton	Senior	Marine, Estuarine and Freshwater Biology	Nathan Furey	Site-Specific Variability in Abundance of Coral Reef Fishes Within an Urban Florida Bay
Elsa Le Blanc	Junior	Political Science	Dante Scala	Exploring the Extent of Partisan Reinforcement on Social Media
Nia Lessard	Junior	Nutrition	Jesse Stabile Morrell	Relationship Between Eating Habits During Emotional Distress and Health Outcomes Among College Sophomores
Olivia Myers	Senior	Health Sciences	Trish Kelshaw	Exploring the Perceptions of High School Athletic Trainers on Social Determinants of Health and Concussion Care
Olivia Pride	Senior	Communication Sciences and Disorders	Jill Thorson	Exploring Lexical Stress Perception: An Investigation across Varied Listener Experience with Prosody
Sana Syed	Senior	Occupational Therapy	Nikhil Tomar	Understanding the Influence of Space on Participation within Mental Healthcare and the Surrounding Community

All Colleges Undergraduate Research Symposium - Poster Session B, April 26, 2024

Student Name	Class	Major/s	Faculty Adviser	Title of Presentation
Charlotte Allaire Ella Berg Aidan Dun Bri Lavelle Robert LeMay Emmy Van Dorn	Sophomore Sophomore Sophomore Junior Sophomore Junior	Neuroscience and Behavior Psychology Psychology Psychology Psychology	William Stine	The Role of Saccadic Suppression in Target Visibility during Motion Induced Blindness
Natalie Aston Jane Eidelman Charlie Perry	Senior Junior Sophomore	Neuroscience and Behavior Biomedical Science Biomedical Science	Brett Gibson	Social Preferences and Helping Behavior in Rats
Emily Buehne	Junior	English	Robin Hackett	Feline Femininity: Women and Madness in "The Eyes of the Panther" by Ambrose Bierce
Sarah Curfman	Senior	Health Sciences	Joan Beasley	Investigating Emergency Service Use among Children with Autism Spectrum Disorder and Mental Health Needs
Owen Daigle	Sophomore	Exercise Science	Summer Cook	Assessing H:Q Ratios during Muscular Fatigue in Female Collegiate Athletes
Margo Kamis	Junior	Nutrition	Jesse Stabile Morrell	Comparing Skin Carotenoid Measures among College Students Following Gluten-Free, Vegetarian, and Low-Carbohydrate Diets
Ahilya Sudarshan Kadba	Junior	Biology	Sherine Elsawa	Investigating the Effect of Interferon Gamma on LPS-induced GLI3 Expression
Nikhila Lampman	Sophomore	Environmental Engineering	Semra Aytur	Infrastructure Indicators of Public Health in Coastal Communities
Kegan Messmer	Senior	Linguistics	Rachel Burdin	N-Gram Text Classification on Standard Croatian, Bosnian and Serbian
Sam Oppel	Sophomore	Political Science	Dante Scala	The Importance of Political Party Identity in the US and its Effects on How People View Government Policies
Jodi Stetser	Senior	Genetics	Ariel Schwartz	Exploring Variation in the Inclusion Efforts of UNH-4U Student Support Peer Staff on the UNH Campus
Anthony Theos	Junior	Psychology	Tyler Jamison	5 Love Languages

COLSA URC, April 27, 2024

Student Name	Class	Major/s	Faculty Adviser	Title of Presentation
Gabrielle Jarrett	Senior	Marine, Estuarine, and Freshwater Biology	Gregg Moore	Spatial Variation in Microplastic Deposition in Salt Marshes of the Hampton-Seabrook Estuary
Maggie Krein	Senior	Environmental Sciences	Jessica Ernakovich	Influence of Microplastic Contamination on Soil Microbial Community Composition

Nicole Marcotte	Senior	Animal Science	Jacqueline Marr	Investigation of the Causative Agent of Canine Leproid Granulomas in the Northeastern United States
Kyla Drum	Senior	Environmental Sciences	Ruth Varner	Lateral Carbon Transport across a Permafrost Thaw Gradient
Sara Forcina	Senior	Biochemistry, Molecular and Cellular Biology	Sean Edington	Illuminating the Binding Site: Ligand-induced Structural Changes in Human Cytosolic Proteins
Madigan Jennison	Senior	Biomedical Science	Nathan Oldenhuis	RNase-free Purification of Pdna Using Anion Exchange Chromatography
Margo Kamis	Junior	Nutrition; Eco Gastronomy	Jesse Stabile Morrell	Comparing Skin Carotenoid Measures among College Students Following Gluten-Free, Vegetarian, and Low-Carbohydrate Diets
Arielle Kotulak	Senior	Environmental Sciences	Jack Hastings and Scott Ollinger	Seasonality of Leaf Trait Changes through a Canopy Height Gradient in New Hampshire Forests
Shea O'Connor	Senior	Environmental Conservation and Sustainability	Russell Congalton	Land Cover Mapping in the NH Coastal Watershed
Matthew Rozinski	Senior	Environmental Sciences	Jessica Ernakovich	Quantifying Enzymatic Activity of Rhizosphere Porewater for Tundra Plants Growing in Permafrost
Interdisciplinary Science & Engineering (ISE) Symposium, April 24, 2024				
Student Name	Class	ISE Award Category	Faculty Adviser	Title of Presentation
Katherine Veronneau	Senior	Biology	Sarah Walker	Investigation of Potential STAT3 Inhibitors in Triple Negative Breast Cancer
Jack Reynolds	Sophomore	Chemical Engineering and Bioengineering	Kyung Jae Jeong	Production of Small Scale Microgels for Applications in Cell Encapsulation
Tom Diphilippo	Senior	Chemistry - Senior Thesis	John Tsavalas	Quantification of Hydroxyl Groups on the Surface of Polymer Nanoparticles
Carmelina Minico	Senior	Chemistry - Undergraduate Research	Aylin Aykanat	Glutathione-Sensitive Nanocarrier Frameworks for the Synergistic Release of Chemotherapeutics
Timothy Gibb Alice House Noah Waldron	Senior Senior Senior	Civil & Environmental Engineering - Analysis	Paula Mouser	Powder Mill State Fish Hatchery Recirculating Retrofit Design
Daniel Bartus Jacqueline Borruso Katie Coyle Ana Rolfe	Junior Junior Freshman Freshman	Civil & Environmental Engineering - Design	Yashar Eftekhari Azam	American Society of Civil Engineers Student Steel Bridge Competition
Payton Maddaloni	Senior	Civil & Environmental Engineering - Research	Yashar Eftekhari Azam	Floating Offshore Wind Turbine Research
Michael Crawley Lucas Melone Joseph Roussos Oliver Willis	Senior Senior Senior Senior	Computer Science - Data Applications	David Benedetto	Edflation
Jared King	Senior	Computer Science - Systems	Craig Smith	Modernizing Legacy Software

Jack Clark Marcus Domingue Matthew Farrell Ben Haddad	Senior Senior Senior Senior	Computer Science - UX Applications	David Benedetto	Academic Use Electronic Medical Record (EMR)
Maggie Krein	Junior	Earth and Environmental Sciences	Jessica Ernakovich	Influence of Microplastic Contamination on Soil Microbial Community Composition
Michael Nevins	Senior	Electrical & Computer Engineering	Nicholas Kirsch	Forced Balancing Hands Free Electric Skateboard
Gavin Cianciolo Tyler Fitzpatrick	Freshman Freshman	Innovation Scholars	Dean Sullivan	Remote Beehive Monitoring Utilizing LoRa Radio Technology
Phil Breton	Senior	Mathematics and Statistics	Rita Hibscheiler	The Generalized Composition Operator on Bloch Spaces
Weston Bartlett Kaiden Bedell Christopher Brunet Anthony Comte Ethan Costa Kenneth Fazio Steven Gallopo Tyler Jagentenfl Sean Manning Cody McBride Joy Planchet Noah Simard Matt Toppi	Senior Senior Senior Senior Senior Senior Senior Senior Senior Senior Senior Senior Senior Senior	Mechanical Engineering - Competition & Clubs	May-Win Thein	UNH LunaCats - NASA Robotic Mining Competition Team
Jackson Morrissey Eli Webber	Senior Senior	Mechanical Engineering - Faculty-Sponsored Project	Ivaylo Nedyalkov	Laser Removal of Thin Coatings
Elena Chan Spencer Shample	Senior Senior	Mechanical Engineering - Industry	Ivaylo Nedyalkov	Unitil Natural Gas Regulating Station Preliminary Engineering Report
Matthew Carlson Riley Desmarais Nathaniel Hixon Jack Kearing Allison Kelley William Lindsay William Moore Kevin Moriarty Cameron Vose Will Weete Kara Wittmann James Wood	Senior Senior Senior Senior Senior Senior Senior Senior Senior Senior Senior Senior	Ocean Engineering	Martin Wosnik	Drift-RMT
Jackson Scheele	Sophomore	Physics - Engineering Physics	James Clemmons	Developing CubeSat Instruments to Measure Upper Atmospheric Winds
Anderson Steckler	Senior	Physics	Ningyu Liu	Characterization of Coaxial Cables Using a Vector Network Analyzer for the Calibration of a Radio Interferometer for Lightning Study

Paul College URC, April 26, 2024

Student Name	Class	Major/s	Faculty Adviser	Title of Presentation
Bernadette Farmer	Senior	Economics, Spanish	Reagan Baughman	The Economics of Medicare for All: Impacts on Healthcare Outcomes and Quality
Graham Weisberg	Senior	Economics	Reagan Baughman	Assessing the Impact of Cigarette Taxes: Smoking Reduction, Health Outcomes, and Tax Efficiency
Gregory Fallon	Senior	Economics, Business Administration: Finance	Reagan Baughman	Mortgages in Motion: Analyzing the Effects of Interest Rates on the Housing Market
Andrew Otersen	Senior	Analytical Economics, Sustainability	Aziz Saglam	Investigating the Productivity - Compensation Gap
Tyler Wittman	Senior	Analytical Economics	Aziz Saglam	The Effect of Passenger Vehicle Electrification on Automotive Service and Repair Workers
Thomas Pattison	Senior	Analytical Economics	Aziz Saglam	Electricity Prices, Energy Sources & The New England Energy Market
Felicia Blodgett-Duran	Senior	Psychology	Jennifer Griffith	Workplace Attitude and Gratitude: How Inclusion in the Workplace Can Impact Organizational Citizenship Behaviors
Brady Mountain	Senior	Psychology		
Paige Labonville	Senior	Business Administration: Management	Jennifer Griffith	DEI Dynamics: Examining Enrollment Patterns at UNH
Marc Laferriere	Senior	Communication		
Michael Ziv	Senior	Business Administration: Information Systems and Business Analytics, Management		
Paige Labonville	Senior	Business Administration: Management	Jennifer Griffith	Unlocking Diversity: Tapping into our Local Diverse Candidate Pools for Student Recruitment at UNH
Matt Tingos	Senior	Environmental and Resource Economics		
Miles Keefe	Junior	Geography, Sustainability	Robert Mohr	Assessing the Regional Greenhouse Gas Initiative
Liam Mack	Junior	Mathematics		
Kara Cataldo		Analytical Economics		
Ria Talwar	Junior	Analytical Economics	Robert Mohr	China's Battle against Climate Change: An Economic Analysis of China's CO2 Emissions Trading System
Gretchen Greene		Environmental and Resource Economics		

Alec Ferrante	Junior	Environmental and Resource Economics, Sustainability		
Graham Weisberg	Senior	Economics	Robert Mohr	The Inflation Reduction Act: Analyzing Energy Subsidies and Their Expected Impact on Emissions Reductions
Durga Raja	Junior	Environmental and Resource Economics, Sustainability		
Ella Norenberg	Senior	Psychology, EcoGastronomy	Daniel Winans	Supper Club: Food, Community, Conversation
Jenna Meyer	Senior	Wildlife and Conservation Biology, EcoGastronomy	Daniel Winans	Consumer Choice in the Chocolate Industry: How Can We Make a Difference?
Isabella Hart	Senior	Fine Arts, EcoGastronomy	Daniel Winans Liese Zahabi	Pisco to Pescado: Painting Peruvian Food
Grace Harbour	Senior	Business Administration: Finance	Steve Irlbeck	The Inflation Reduction Act's Role in Shaping Pharmaceutical Investment Strategies
Lillie Murray	Senior	Business Administration: Accounting, Finance	Linda Ragland	Understanding the Decline of Accounting Graduates and Implications of Supply Shortages
Ella Dudley	Senior	Business Administration	Richard Kilbride	Student-Athlete Emphasis on Finance When Selecting a University: Commitment and Retention
Jocelyne Bisson	Senior	Political Science, Business Administration: Marketing	Bruce Pfeiffer	Consumer Preference and Politics: Polarization in the US Two-Party System
Cole Fuller	Senior	Analytical Economics, Educational Studies	Robert Mohr	Giving Workers the 'Green' Light: Defining Green Jobs and Exploring their Distribution in the US
Carley Dahlstrom	Senior	Business Administration	Kimberly France	Understanding Neurodiversity and Executive Disfunction to Discover More Effective Accommodations and Create a More Inclusive Workforce for Neurodivergent Individuals
University-Wide Undergraduate Sustainability Research Symposium, April 24, 2024				
Student Name	Class	Major/s	Faculty Adviser	Title of Presentation
Ava Graham Ben Kaminski Abigail Kincaid	Sophomore Senior Freshman	Wildlife & Conservation Biology, Sustainability Recreation Management & Policy, Sustainability Environmental & Resource Economics, Sustainability	Betty Woodman	Food Systems (Zero Waste)
Sophie Goodwin Miles Keefe Margaret Lahey Alyssa Morrison	Senior Senior Senior	Sociology, Sustainability Geography, Sustainability Business Administration, Sustainability Information Systems & Business Analytics, Sustainability	Erin Hale	Farm Level Food Waste in NH
Lyla Tulloch-Hernandez Jordan Wright	Freshman Freshman	Business Administration Community and Environmental Planning	Erin Hale	A Comparative Analysis of Post-Primary Consumer Life of Clothes in the Durham Community
Jacqueline Fuller Allison Kish	Freshman Freshman	Music Education Marine, Estuarine, & Freshwater Biology	Erin Hale	The Importance of Arts for a Sustainable Future
Jenna Meyer	Senior	Wildlife & Conservation Biology, EcoGastronomy	Dan Winans	Consumer Choice in the Chocolate Industry