

URC 2018 AWARDS OF EXCELLENCE

All Colleges Undergraduate Research Symposium, April 20, 2018 - Oral Session A

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Bailey Basiel	Senior	Animal Science	Andre Fonseca De Brito	Plasma Response of Histidine and Histidine Metabolites to Incremental Amounts of Abomasal Infusion of Histidine in Lactating Dairy Cows
Olivia Bourdon	Senior	English & International Affairs	Funso Afolayan	Syrian Refugees and African Immigrants in France: A Comparative Perspective
Cara Buccini	Senior	Geography, Italian Studies & International Affairs	Helina Beyene	Education for All: World Bank Involvement in Post-Earthquake Haiti
Nicholas Davini	Senior	Anthropology	Sara Withers	International Student Inclusion at UNH
Eva Ford	Junior	Communication & Philosophy	Michael Soha	The Case for a Cultural Competency Course
Mikaela Frechette	Senior	Kinesiology	Summer Cook	Corticomotor Function during Blood Flow Restricted Arm Crank Ergometry
Carter Kelley	Senior	Spanish & International Affairs	Funso Afolayan	Rejection of Catalanian Independence: Possible Reemergence of a Francoist Spain
Justin Klingler	Senior	Political Science & International Affairs	Funso Afolayan	Venezuelan Political and Economic Crisis: Causes and Implications
Kyle Noel	Senior	Political Science	Chris Reardon	The Escalation of Tension between the U.S. and the DPRK
Rory O'Neil	Sophomore	Political Science & International Affairs	Jeannie Sowers	Coping Mechanisms and Cyclical Conflict in Yemen
Elena Ryan	Senior	Political Science, Women's Studies & International Affairs	Helina Beyene	Young Women in the White Supremacist Movement: A Paradox
Alden Skillings	Senior	Political Science	Chris Reardon	Japanese Xenophobia and Shinzo Abe's Labor Policies
Rachel Vaz	Senior	International Business and Economics	William Maddocks	Livelihood Basix, Inc.: Seeking Market Solutions for Farmers in Tanzania
Katherine Walker	Senior	Communication	Jennifer Borda	The Legacy of Larry Kramer

All Colleges Undergraduate Research Symposium, April 20, 2018 - Oral Session B

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Emma Berryman-Moore	Senior	Environmental and Resource Economics & International Affairs	John Halstead	Surveying the NREN Department: Implications and Findings for Recruitment and Major Satisfaction
Robin Beaulieu	Senior	Spanish & International Affairs	Funso Afolayan	The Test of Time: Peruvian Indigenous Languages and Cultures in a Globalizing World
Olivia Black	Senior	Nursing	Michele Loos	From Care Home to Community: The Impact of Connection on Dutch Elder Care and Well-Being
Crystina Friese	Sophomore	Anthropology & Justice Studies	Meghan Howey	Mapping Lost Early Colonial Cemeteries in the Oyster River Watershed
Jordyn Haime	Junior	English/Journalism & International Affairs	Chris Reardon	The Growing Dangers of Reporting in China
Charlotte Harris	Senior	Communication & Spanish	Michael Soha	Populism and the Press: Investigating the Relationship between Government and Media in Latin America
Nelson Idahosa	Sophomore	Political Science	Chris Reardon	Disputes in the South China Sea
Chad Linehan	Senior	Spanish & International Affairs	Funso Afolayan	Catholic Spain and Millennium Development Goals: An Advantage or a Handicap?

Robert Maynard	Senior	Communication & Linguistics	Michelle Gibbons, Michael Jackson	Tradition and Technology: Choices in Film
Cameron Sweeney	Junior	Political Science	Chris Reardon	War with China: Increasing Tensions Rise among Economic Powerhouses

All Colleges Undergraduate Research Symposium, April 20, 2018 - Oral Session C

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Ryan Bowring	Junior	Computer Science	Wenjin Cui	Divergent Views of Order: A Comparison of Confucianism and Daoism
Gabrielle Greaves	Senior	English & Women's Studies	Brigitte Bailey	Indian Boarding Schools: An Extension of Landscape Policies in 19th-Century America
Celine Guedj	Senior	Justice Studies & Sociology	Sharyn Potter	Expanding a Mobile Application to Fight Sexual Violence on Campus
Erin Judge	Senior	Nursing	Alyssa O'Brien	The Bonding and Infant Feeding Experiences of Mothers Who Deliver at a Baby-Friendly Initiative Certified Community Hospital
Mira Kehler	Recent Graduate	Communication & Spanish	Michael Jackson	The Chaos from Which It Comes
Jung Hoon Kim	Senior	Psychology	Faina Bukher, Fiona Wilson	Doc Wayne: Fusing Sports and Therapy to Heal and Strengthen At-Risk Youth
Bailey Marshall	Senior	Communication & Women's Studies	Josh Lauer	Bathroom Bills and the Surveillance of Transgender Bodies
Crystal Napoli	Senior	History & Justice Studies	Alyna Lyon	Global Cooperation and the Galapagos Islands
Zi Wang	Junior	Political Science	Chris Reardon	Public Management under International Crisis: China's Emergency Mechanism Respond to SARS

All Colleges Undergraduate Research Symposium, April 20, 2018 - Poster Session A

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Jeffrey Baron Riley Boss Elizabeth Schwaner	Sophomore Junior Sophomore	Anthropology	Svetlana Peshkova	Indigenous Cultural Heritage and History in New Hampshire
Juandiego Carmona	Senior	Psychology	Leichtman	Cultural Variations in Narrative Discourse Style between U.S. and Colombian Children
Anna Haber	Junior	Genetics	Subash Minocha	Understanding the Role of Polyamines in Rice under Drought and Salt Stress
Kayla Hansen	Senior	Communication Sciences and Disorders	Amy Ramage	Sustained Attention and Fatigue in Adults with Concussions
Matthew Morris	Senior	Wildlife Conservation and Biology	Leslie Curren	Masking Effect of Anthropogenic Noise in Predatory Detection
Trey Patno	Sophomore	Biochemistry, Molecular, and Cellular Biology	Paul Tsang	Temporal Regulation of an Angiogenic Inducer in Human and Bovine Ovarian Cells
Elizabeth Sibson	Junior	Political Science	Dante Scala	Relationship between Party Identification and Trust in the Scientific Community
Sara White	Senior	Neuroscience and Behavior	Robert Ross	Norepinephrine Transporter Phenotype Impacts Oscillatory Power during Cognitive Flexibility
Shelby White	Junior	Political Science	Dante Scala	Comparison of Confidence in Government Institutions

All Colleges Undergraduate Research Symposium, April 20, 2018 - Poster Session B

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Marie Akiki	Senior	Biomedical Science	Arturo Andrade	Localization of the 37a Isoform on the N-type Presynaptic Calcium Channel Cav2.2 That Plays a Role in Anxiety

Marissa Anderson	Senior	Genetics	Gregg Moore	Metabarcoding Investigation of Extensive Dune Grass Die-Off in the Northeast
Samantha Bogdahn	Senior	Neuroscience and Behavior	Leslie Curren	Testing the Sensory Ability of <i>Canis lupus familiaris</i> to Distinguish between Human Identical Twins
Jamie Cormier Alexis Giacco Ross Jones Hannah Nordstrom Hailey Raudat	Senior Junior Senior Sophomore Junior	Psychology	Victoria Banyard, Katie Edwards, Andrew Rizzo	Attitudes and Beliefs on School Environment: How Harassment, Bullying, and Self-Harm Likelihood Affect Victimized Youth
Nileesa Gautam	Senior	Biomedical Science	Semra Aytur	Social and Environmental Factors That Lead to Low Birthweight in Infants
Christine Masci	Senior	Recreation Management and Policy	Jennifer Frye	Changing Attitudes towards Disability: The Impact of Taking a Disability Awareness Class
Hayden Proborowski	Junior	Political Science & International Affairs	Dante Scala	Analyzing Right-Wing Populism in Rural New Hampshire during the 2016 Presidential Election
Mary Sherman	Senior	Sustainable Agriculture and Food Systems	Joanna Burke	Evaluation of the After-School Program "Healthy Me, Healthy Earth"

Phi Beta Kappa URC Award

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Lindsay Kosel	Senior	Communication	Lawrence Prelli	A Tropic Understanding of Street Art as Social and Political Advocacy

International Affairs URC Awards

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Lisa Dittman	Senior	Psychology & International Affairs	Helina Beyene	Korean Reunification: Limitations of the German Reunification Model in Its Application to the Korean Conflict
Emily Haley	Senior	Sociology & International Affairs	Helina Beyene	Navigating Race: Representation of Biracial Experiences in Japan

Interdisciplinary Science and Engineering (ISE) Symposium, April 18, 2018

Student Name	Class	ISE Award Category	Faculty Adviser	Title of Presentation
Rezwan Ali	Junior	Civil & Environmental Engineering - Innovation & Research	Thomas Ballestero	Investigation of Cocopith in Bioretention for Treatment of Nutrients (Nitrogen) from Stormwater Runoff
Charles Bauer Michael Cook Matthew Diorio Stephen Gormley Timothy Levins Jackson Riedel Timothy Russell Michael Rutigliano	Senior	Mechanical Engineering - Competition Teams	Alireza Ebadi	UNH AeroCats - Advanced Team
Alexander Brown	Senior	Computer Science - Research	Marek Petrik	Interpretable Reinforcement Learning with Ensemble Methods
Garrett Caisse Kevin Strohschneider	Senior	Ocean Engineering	Kaelin Chancey, Ian Gagnon, Martin Wosnik	Living Bridge: Acoustic Doppler Velocimeter Traversing System and Measurements
Kristian Comer Francesco Alessandro Mikulis-Borsoi	Sophomore	Computer Science - Applications	Radim Bartos	YouScheduler - Simplified Course Scheduling
Sean Couture Devon Crawford	Senior	Electrical & Computer Engineering - Hardware Design	Michael Carter	Ultrasonic Receiver for Power Line Noise Isolation
Andrew Hebert	Senior	Computer Science - Systems	Scott Valcourt	Indoor Wayfinding for UNH Library Resources
Colter Krzcuik Tyler Murray Michael Patrick Joshua Teixeira	Senior	Civil & Environmental Engineering - Investigation & Assessment	James Malley	Quantitative Analysis of Gilman Pond Reservoir

Rachel Lake	Junior	Chemical Engineering/Bioengineering	Kyung Jae Jeong	Injectable Microporous Gelatin Hydrogel for Wound Healing
Brent Lawson	Senior	Physics	Karl Slifer	Combined HERA Analysis on the Exclusive Production of the Phi meson in the ZEUS Detector
Amanda Lee Keelan McCoolle Francesca Molinari Joel Nkounkou Caroline Quintal Kristin Snyder	Senior Junior Senior Senior Senior Senior	Mechanical Engineering - Research	Barbaros Celikkol, Jeffrey Sohl	Wearable Air Pollution Device for Crowdsourcing Hot Spot Data
Matthew Lortie Noah Parent Grant Rosario Russel Rucker Rachel Trocchi	Senior	Civil & Environmental Engineering - Design	Rick Friberg, Christopher Raymond	Dascomb Road Redevelopment Project
Matthew Morris	Senior	Biology	Leslie Curren	Masking Effect of Anthropogenic Noise in Predatory Detection
Kassie Picard	Senior	Chemistry	Arthur Greenberg	Exploration of the Synthesis of 1-Methyl-4-Silatranone and the Contest for Nitrogen's Lone Pair
Cameron Whitaker	Senior	Electrical & Computer Engineering - Software/Systems Design	Kenneth Baldwin, Richard Messner	The Neptune Project
Madison Wood	Junior	Earth Sciences/Environmental Sciences	Julia Bryce	Mercury Dynamics in New England Wetlands
Anthony Young	Senior	Mechanical Engineering - Industry	Kevin Guay, James Krzanowski	Slurry Test Re-Design
Thompson School of Applied Science Student Showcase, April 18, 2018				
Student Name	Class	Major	Faculty Adviser	Title of Presentation
Susanna Bicknell	Junior	Horticultural Technology	Jonathan Ebba	Salability of Ferns as a Crop Grown Under-Bench