

## URC 2015 AWARDS OF EXCELLENCE

### Parents Association Undergraduate Research Symposium (PAURS), April 24, 2015 - Oral Session A

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Victoria Barnaskas	Junior	Sociology	Catherine Louise Moran	The Effects of Helicopter Parenting on College Students
Jenna Calcavecchia	Senior	German & International Affairs	Lawrence Reardon	"China U": Confucius Institutes and the Impact on Higher Education
Christien Clark	Senior	Environmental Conservation Studies	Brent Bell	My Philosophy of Education
Allison Enck	Senior	Environmental Conservation Studies & International Affairs	Molly Wallace	The Role of the EU and Globalization in Catalan Independence Movement
Sarah Flaherty	Senior	Kinesiology	Michelle Grenier	Using a Peer-Guided Model to Enhance Participation in an Exercise Program for Young Adults with Intellectual Disabilities
Emily Loud	Junior	Linguistics & International Affairs	Molly Wallace	France's Reaction to English Globalization
Cecilia Martins	Junior	Justice Studies & Political Science	Marla Brettschneider	Institutions of Service: A Model That Sustains
Madeline Moison	Junior	Anthropology	Sara Withers	Anthropology and the University
Lauren Nawfel	Junior	Communication	Michael Soha	Beyond Digital Dualism: The Conceptual Fallacy of the Online/Offline Dichotomy
John O'Mahony	Senior	Spanish	John Chaston	Translating Zafron: The Nuances of Exploring the Cemetery of Forgotten Books in English
Malone Soeun	Junior	Political Science	Lawrence Reardon	Tensions Rising in the Asia-Pacific
Elissa Solomon	Junior	Kinesiology	Summer Cook	Assessment of Females Following a Bout of Blood Flow Restricted Exercise
Joseph Sweeney	Junior	Political Science	Lawrence Reardon	Flexing Resources: Manipulation of Natural Resource Market Supplies

### Parents Association Undergraduate Research Symposium (PAURS), April 24, 2015 - Oral Session B

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Randal Coulstring Kyle Parks-Damon	Freshman	Economics Civil & Environmental Engineering	Monica Chiu	From the Archives: UNH's Black Student Protests 1998-1999
Allison Enck	Senior	Environmental Conservation Studies & International Affairs	Molly Wallace	The Role of the EU and Globalization in the Catalan Independence Movement
Brendan Freund Emma Gallagher David McDonald Isaac Traynor	Freshman	English/Journalism Zoology Health Management and Policy Zoology	Brent Bell	Music's Influence on Young Adult Behavior
Annemarie Guare	Junior	Political Science	Mary Malone	Drug Policy Reform in Uruguay: A Lesson to Be Learned
Emily Kwesell	Senior	English/Journalism & International Affairs	Molly Wallace	Protecting <i>Liberte, Egalite, Fraternite</i> : The Effects of Nativism on French Immigration Policies
Katherine McAuliffe	Senior	Communication & English/Journalism	Kevin Healey	Exploring Public Radio
Lane McDonough	Senior	Women's Studies	Svetlana Peshkova	Gender Reassignment in Iran
Katherine McKay	Senior	Political Science & Spanish	Holly Cashman	Bilingual Practices of English/Spanish in Latin American Popular Culture

Sean Mitchell	Junior	Political Science & Economics	Lawrence Reardon	Goodbye Greece: Rising Criticism of Greece's Participation in the Eurozone
Michael Moser	Senior	Civil and Environmental Engineering & International Affairs	Molly Wallace	The 2008 Financial Crisis: Comparing French and U.S. Recovery Efforts
Nicole Paddock	Senior	Occupational Therapy	Kerryellen Vroman	A Survey of UNH Students' Attitudes about Mental Health Disorders and Its Influence on Help-Seeking Behaviors
Katie Parent	Senior	Social Work & Psychology	Ellen Cohn	The Role of Adult Confidants on Adolescent Outcomes
Sarah Pollard	Senior	French & International Affairs	Molly Wallace	Seeking Justice: Senegal's Twenty-Year Delay in the Prosecution of Hissene Habre
Kaila Salsman	Senior	English Teaching	Alecia Magnifico	Let's Talk: Exploring Social Communication in the Writing Center

**Parents Association Undergraduate Research Symposium (PAURS), April 24, 2015 - Oral Session C**

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Zachary Dumont	Sophomore	Political Science	Lawrence Reardon	The Chinese Impact on Global Climate Change
Elizabeth Girard	Junior	Theatre	Rebecca Karo	Noverre's Ballet D'Action
Patricia Levesque	Senior	Neuroscience & Behavior	William Stine	The Influence of Real and Perceived Motion on Putative On- and Off-Cell Channels in Motion-Induced Blindness
Alvaro Maranon	Junior	Political Science & International Affairs	John Kayser	Machiavelli's "Art of War" and the Role of the Military
Kristy Parhiala	Senior	Political Science	Lawrence Reardon	The China Model?
Shayla Riggs	Senior	Women's Studies	Joelle Ryan	Feminism in Action
Emily Schlachter	Senior	Nursing	Raelene Shippee-Rice, Carol Williams-Barnard	Patient Perceptions of Bedpan Use
Susan Yen	Senior	Communication	Michael Jackson	What Can McCurry's Photographs Do for the Children?

**Parents Association Undergraduate Research Symposium (PAURS), April 24, 2015 - Poster Session A**

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Timothy Amoroso Tina Cannon Ashley Desrochers Chloe Flanagan Brandon Marshall	Senior	Neuroscience & Behavior Psychology Psychology & Women's Studies Neuroscience & Behavior	Katie Edwards	He Said, She Said: Examining Couple Conflict in Romantic Relationships
Tien Dang	Junior	Biomedical Science	Paul Tsang	Characterizing the Angiogenic Properties of Brain Cancer Cells Using the Glioma U-373 Cell Line
Lauren DeSotto Valerie Hall	Junior	Psychology	Katie Edwards	Who's Intervening?: A Study of Variables Influencing Positive Bystander Intervention
Andraya Ehrlich Sarah Piet Nicolette Schwab	Recent Graduate Sophomore Senior	Biology Biochemistry, Molecular, and Cellular Biology Biomedical Science	David Townson	The Influence of Extracellular-Regulated Kinases (ERKs) on Granulosa Cell Fate in the Bovine Follicle
Tricia Gunther	Senior	Wildlife & Conservation Biology	Leslie Curren	The Relationship between Kinship and Physical Proximity in Captive Primates
Crystal Hermawan	Senior	Biomedical Science	David Townson	O-GlcNAcylation Alters Keratin 8/18 Architecture of HPV-16 Infected Cervical Cancer (SiHa) Cells
Amy Parker	Recent Graduate	Nutrition	Jesse Morrell	Fiber Intakes and Decreased Discretionary Calories in a Young Adult Cohort
Laura Van Beaver	Junior	Neuroscience & Behavior	Subhash Minocha	Production of Decaffeinated Tea through Genetic Engineering

**Parents Association Undergraduate Research Symposium (PAURS), April 24, 2015 - Poster Session B**

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Matthew Birkebak Timothy Brown	Senior	Mechanical Engineering	Pe'eri Shachak, May-Win Thein	Harbor Security System
Hannah Cole Kala Frye Jacqueline Sullivan	Recent Graduate Senior Sophomore	Neuroscience and Behavior	Winsor Watson	The Role of Dietary-Derived Pigments in the Nudibranch <i>Melibe leonina</i>
Alana Davidson	Sophomore	Nutrition	Jesse Morrell	Food Insecurity among Undergraduate Students
Lisa Flaman Nicole Petersen Melissa Ryan	Senior Junior Senior	Genetics Biochemistry, Molecular, and Cellular Biology Genetics	Estelle Hrabak	Identification and Characterization of Genes Involved in Root Growth under Salt Stress in Arabidopsis
Lauren Guetling Ashley MacPherson Katherine Seavey	Sophomore Senior Junior	Psychology	Katie Edwards	Depression and Social Support in LGBTQ+ Victims of Intimate Partner Violence
Suzanne Hogan	Senior	Nutrition	Joanne Curran-Celentano, Jesse Morrell	Effect of Whole Grain Consumption on Markers of Metabolic Syndrome
Jessica Manuel	Senior	Animal Science	Leslie Curren	Human Identification among Nonhuman Primates
Molly Ohman	Senior	Occupational Therapy	Susan Merrill	Young Primary School Children's Perceptions of Stigma Associated with Learning Disabilities

**Phi Beta Kappa URC Award**

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Eva Golden	Junior	Marine, Estuarine and Freshwater Biology & Spanish	John Chaston	The Effect of Syllable Position on the Pronunciation of Sibilants and Liquids in Puerto Rican Spanish

**Center for International Education (CIE) URC Awards**

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Ayi D'Almeida	Senior	Psychology & International Affairs	Molly Wallace	Why the U.S. Youth Obesity Rate Has Been Increasing: It's Not as Simple as You Think
Molly Wogan	Senior	Spanish & International Affairs	Molly Wallace	A Societal Greyscale: Social Stratification in the Dominican Republic

**Interdisciplinary Science and Engineering (ISE) Symposium, April 22, 2015**

Student Name	Class	ISE Award Category	Faculty Adviser	Title of Presentation
Tristan Amaral	Senior	Earth Sciences, Environmental Sciences	Jack Dibb, Cameron Wake	Predicting Snow Albedo in New Hampshire Using Three Winters of Seasonal Snow and Weather Observations by the CoCoRAHS-Albedo Network
Joel Ascencio Taylor Buchalter Brittany Holbrook Jonathan Proulx Stephen Rosenberg Megan Suffel	Senior	Civil Engineering -Industrial	Raymond Cook, Jennifer Jacobs	Vermont Route 14 over Pekin Brook Bridge Replacement
Christopher DiBona	Senior	Chemistry	Leila Deravi	Extraction and Analysis of Ommochromes in Cephalopod Chromatophores
Jill Getchell Adrienne Hill	Senior	Civil Engineering -Research	Majid Ghayoomi	Evaluation of Internal Strut Loads in Underground Retaining Structures
William Gravelle Samuel Luszc Cameron Weatherby	Senior	Computer Science - Applications	Philip Hatcher	Squad Remotely Aimed Weapons Platform
Patrick Greene	Senior	Physics/Mathematics	David Mattingly	Phenomenology of a Toy Model Inspired by the Spontaneous Reduction of the Spectral Dimension of Spacetime at Small Scales in Quantum Gravity

Emily Hutchinson Stephanie Medicke Carolyn Przekaza	Senior	Mechanical Engineering	Ioannis Korkolis, Yanning Li	The Mechanics, Biomimetics and 3D Printing of Cellular Materials
Anthony Puzzo Robert Rogers	Senior	Electromagnetic Levitation	Wayne Smith	Electromagnetic Levitation
Michaela Tremblay	Senior	Computer Science -Research	Michel Charpentier, Philip Hatcher	Throwing Exceptions for Concurrency Errors
Halie White	Junior	Chemical Engineering	Kang Wu	Display of Laccase on Bacterial Spore Surface for Improved Stability

**UNH Manchester URC, April 21, 2015 - Oral Presentations**

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Stephanie Parent	Senior	Politics and Society	Melinda Negron-Gonzales	A Comparative Study of the Current and 19th-Century Anti-Slavery Movements

**UNH Manchester URC, April 22, 2015 - Cinema Arts Day**

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Alexis Scargill	Recent Graduate	Communication Arts	Ian Reddick	A Conversation with Arnie Arnesen

**UNH Manchester URC, April 22, 2015 - Computing Technology Poster Presentations**

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Stephen Griffin	Senior	Computer Information Systems	Mihaela Sabin	SnowSentry: Snow Load System

**UNH Manchester URC, April 22, 2015 - Engineering Technology Senior Project Presentations**

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Brendan LaRocque	Senior	Electrical Engineering Technology	Christopher LeBlanc	Ultrasonic Level Sensor System for Residential Oil Tanks

**UNH Manchester URC, April 22, 2015 - Poster Presentations**

Student Name	Class	Major	Faculty Adviser	Title of Presentation
Alyssa Paquin	Senior	Psychology	Daniel Seichepine	The Delayed Effects of mBTI on Executive Functioning