

| All Colleges Undergraduate Research Symposium - Oral Sessions, April 24, 2026   |           |                                              |                                         |                                                                                                                                                          |
|---------------------------------------------------------------------------------|-----------|----------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Student Name                                                                    | Class     | Major/s                                      | Faculty Adviser                         | Title of Presentation                                                                                                                                    |
| Aimee Bousquet                                                                  | Senior    | Marine, Estuarine and Freshwater Biology     | April Blakeslee, David Buck, Amy Fowler | Parasite Party: Investigating Ecological Drivers of Trematode Parasite Prevalence across the Isles of Shoals                                             |
| Jayden Cruz                                                                     | Senior    | Social Work                                  | Sherri Simmons-Horton                   | Pressing Play for Latina Women in Video Games                                                                                                            |
| Natalie Petersen                                                                | Junior    | International Affairs                        | Jeannie Sowers                          | Contradictions of Islamic Spain: The Legacy of Al-Andalus and Its Effects on Modern Islamophobic Sentiment                                               |
| Ruby Prentiss                                                                   | Junior    | Communication, History                       | R. Michael Jackson                      | Analysis of A Public Relations Campaign: This Girl Can                                                                                                   |
| Madeline Riechers                                                               | Senior    | Communication                                | Edward Reynolds-Paustian                | How the Word 'Fucking' Constructs Emotional Stance in Conversation                                                                                       |
| Connor Ryan                                                                     | Senior    | English, Linguistics                         | Rachel Burdin                           | Production & Perception of /s/ and Pitch of Transgender Speakers                                                                                         |
| Jane Schintzius                                                                 | Sophomore | Health Management and Policy, Anthropology   | Semra Aytur                             | Wild about Public Health                                                                                                                                 |
| Olivia Tatro                                                                    | Senior    | Biology                                      | Sabrina Pankey, David Plachetzki        | Gene Gain and Loss Events Inform the Evolution of Cnidocytes and Lineage-Specific Traits in Cnidaria                                                     |
| Sarah Toomey                                                                    | Senior    | Nursing                                      | Gibran Mancus                           | From Pixels to Pines: Exploring the Impact of Authentic vs. Virtual Greenspace on Young Adults' Psychophysiological Wellbeing                            |
| Matt Wosky                                                                      | Senior    | International Affairs                        | Jeannie Sowers                          | Nuclear Deterrence in the Asia-Pacific                                                                                                                   |
| All Colleges Undergraduate Research Symposium - Poster Sessions, April 24, 2026 |           |                                              |                                         |                                                                                                                                                          |
| Student Name                                                                    | Class     | Major/s                                      | Faculty Adviser                         | Title of Presentation                                                                                                                                    |
| Maxwell Beauchesne                                                              | Senior    | Exercise Science                             | Michael Brian                           | Effects of Exercise Prescription Prompts on Physiological, Perceptual, and Accelerometer-Derived Measures of Walking Intensity in Untrained Young Adults |
| Sarah Guerrette                                                                 | Senior    | Exercise Science                             |                                         |                                                                                                                                                          |
| Parker Holt                                                                     | Senior    | Exercise Science                             |                                         |                                                                                                                                                          |
| Cameron Jacobs                                                                  | Senior    | Exercise Science                             |                                         |                                                                                                                                                          |
| Nazilynn Lacey                                                                  | Senior    | Exercise Science                             |                                         |                                                                                                                                                          |
| Kylie Martone                                                                   | Senior    | Exercise Science                             |                                         |                                                                                                                                                          |
| Nicole Skare                                                                    | Senior    | Exercise Science                             |                                         |                                                                                                                                                          |
| Meryam Belhassad                                                                | Senior    | Nursing, Women's and Gender Studies          | Daisy Goodman, Lisa Lamadriz            | Knowledge, Attitudes, and Beliefs Surrounding Maternal Cannabis Use and Lactation                                                                        |
| Aimee Bousquet                                                                  | Senior    | Marine, Estuarine and Freshwater Biology     | April Blakeslee, David Buck, Amy Fowler | Parasite Party: Investigating Ecological Drivers of Trematode Parasite Prevalence across the Isles of Shoals                                             |
| Olivia Boyan                                                                    | Senior    | Zoology                                      | Brittany Jellison                       | New Hampshire Shellfish under Pressure: Physiological Effects of Climate Change and Toxic Algal Blooms                                                   |
| Julia Cotsonas                                                                  | Senior    | Neuroscience and Behavior                    | Sergios Charntikov                      | Trauma Severity, Resilience, and Alcohol Demand: Sequential Associations with Behavioral Economic Indices in College Students                            |
| Eli Croteau                                                                     | Senior    | Economics, International Affairs, Spanish    | Daniel Chavez                           | Housing Affordability in Madrid: Examining Tourism, Investment, and Housing Policy                                                                       |
| Anthony Dempsey                                                                 | Junior    | Nutrition                                    | Jesse Stabile Morrell                   | Low Energy Availability and Its Relationship to Nutritional Status and Bone Health in Collegiate Athletes                                                |
| Lyv Dubois                                                                      | Senior    | Biochemistry, Molecular and Cellular Biology | Victoria Jeffers                        | Investigating the Invasion Efficiency of Toxoplasma gondii Parasites with an AP2X-VII Knockout                                                           |
| Bobby Gilbert                                                                   | Senior    | Homeland Security                            | Dante Scala                             | Crime Spending in America: Too Much, Too Little, or Just Right?                                                                                          |

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| Ty Hetrick          | Senior     | Occupational Therapy                         | Sarah Smith                  | Embracing Anomalous Perceptions: Sensory Anomalies, Stigma, and Self Acceptance                                                    |
| Zachary Hooper      | Senior     | Neuroscience and Behavior                    | Kate Christison-Lagay        | Insulin-Like Growth Factor 2 mRNA-Binding Proteins(IMPs) as a Therapeutic Target for Cancer Stem Cells: A Pan-Cancer Investigation |
| Brit Jackson        | Senior     | Social Work                                  | Katie Godshall               | The Integration and Effects of Meditative Virtual Reality (VR) in First Responder Wellness                                         |
| Abby Pinckney       | Senior     | Social Work                                  |                              |                                                                                                                                    |
| Kendall Wilson      | Senior     | Social Work                                  |                              |                                                                                                                                    |
| Sophie Lorenscheit  | First-Year | Psychology                                   | Clark Knowles                | Words of Reality: A Series of Short Stories Exploring the Emotional and Concrete Effects of Social Inequality on Ordinary People   |
| Emily Mezick        | Senior     | Homeland Security, Spanish                   | Sara Iman                    | The Role of Nonprofits in Emergency Management Disaster Preparedness Strategies                                                    |
| Skyler Murphy       | Senior     | Psychology                                   | Emily Liquin                 | How is Children's Exploration Shaped by Alternative Actions?                                                                       |
| Stefan Nevajdic     | Junior     | Psychology                                   |                              |                                                                                                                                    |
| Kaitlyn Newton      | Junior     | Analytics and Data Science                   | Molly Campbell               | AI and Medicine: Website Analysis and Design                                                                                       |
| Juliet O'Brienhalla | Senior     | Anthropology, Art: Art History               | Alexander Garcia-Putnam      | From Gravestones to People: Mortuary Archaeology and Microhistory at North Cemetery, Portsmouth, NH (1753 to 1926)                 |
| Brianna Ohlund      | Junior     | Psychology                                   | Melinda Morrill              | Social Media Addiction, Anxiety, and Childhood Emotional Abuse: A Scoping Literature Review                                        |
| Reilly Opfinger     | Junior     | Political Science                            | Dante Scala                  | Voting Behaviors of College Students                                                                                               |
| James Reda          | Junior     | Analytical Economics                         | Dante Scala                  | How Strongly do Voters Feel about the Presidential Candidate They Voted for?                                                       |
| Cassidy Remillard?  | Senior     | Psychology                                   | Andrew Kitt<br>William Stine | Comparing Response Threshold of Contoured versus Non-Contoured Stereograms                                                         |
| Bakhtavar Sidhwa?   | Senior     | Neuroscience and Behavior                    |                              |                                                                                                                                    |
| Kaylie Ukstins?     | Junior     | Neuroscience and Behavior                    |                              |                                                                                                                                    |
| Elizabeth Shilova   | Sophomore  | Biochemistry, Molecular and Cellular Biology | Konstantinos Sousounis       | Effects of Curcumin and Trichostatin A on Salamander Lens Regeneration                                                             |
| Abigail Smart       | Senior     | Political Science, International Affairs     | Jen Spindel                  | Realignment in the South China Sea: Filipino-Australian Relations in the Face of Chinese Expansionism and American Isolationism    |
| Caitlin Valerian    | Senior     | Biomedical Science                           | Sherine Elsawa               | Microplastics Induce Inflammation in Human Cells                                                                                   |

| COLSA URC, April 25, 2026         |                     |                                              |                        |                                                                                                                           |
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| Student Name                      | Class               | Major/s                                      | Faculty Adviser        | Title of Presentation                                                                                                     |
| Rowan Grzeszkiewicz-O'Neill       | Senior              | Equestrian Studies                           | Sarah Rigg             | The Effect of Pulsed Electromagnetic Field (PEMF) Therapy on Inflammation in Horses as Evaluated by Infrared Thermography |
| Olivia Boyan                      | Senior              | Zoology                                      | Brittany Jellison      | New Hampshire Shellfish under Pressure: Physiological Effects of Climate Change and Toxic Algal Blooms                    |
| Ben Begin                         | Junior              | Biochemistry, Molecular and Cellular Biology | Linqing Li             | Engineered Biocomposites for Angiogenic Signaling and Tissue Vascularization                                              |
| Grace Bemis<br>Ella Mack          | Senior<br>Senior    | Marine, Estuarine, and Freshwater Biology    | David Steinberg        | Effect of Road Salts on Amphibian Eggs                                                                                    |
| Sarah Glennon                     | Sophomore           | Wildlife and Conservation Biology            | David Steinberg        | The Evolution of Ultraviolet Reflectance of Throat Fans in Tropical Lizards                                               |
| Nicholas Caporale<br>Sophie Clark | Senior<br>Sophomore | Marine, Estuarine, and Freshwater Biology    | Gregg Moore            | The Influence of the Invasive Sea Grass <i>Halophila stipulaceae</i> on the Acoustic Behavior of Snapping Shrimp          |
| Kaylee Shipps                     | Senior              | Biomedical Sciences                          | Konstantinos Sousounis | 2D vs. 3D Modalities to Assess Lens Regeneration in <i>Pleurodeles waltl</i>                                              |
| Amber Tomasino                    | Senior              | Sustainable Agriculture and Food Systems     | Rebecca Sideman        | Multi-Year Comparison of Fig ( <i>Ficus carica</i> ) Cultivar Performance in New Hampshire High Tunnel Systems            |
| Ava Prieto                        | Senior              | Neuroscience and Behavior                    | Adam Brockett          | Exploring the Effects of Voluntary Wheel Running on Inhibitory Control                                                    |
| Lauren Barnes                     | Senior              | Biochemistry, Molecular and Cellular Biology | Nate Oldenhuis         | Large Scale Enzyme Production for Topologically Controlled dsDNA Hydrogels                                                |
| Daryna Serediuk                   | Senior              | Biochemistry, Molecular and Cellular Biology | Feixia Chu             | Comparing the Differences of HSP90A and HSP90B in Native Protein Complex Incorporation                                    |

| Interdisciplinary Science & Engineering (ISE) Symposium, April 22, 2026 |        |                                              |                                                                          |                                                                                                                                         |
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| Student Name                                                            | Class  | Major/s                                      | Faculty Adviser                                                          | Title of Presentation                                                                                                                   |
| Aimee Bousquet                                                          | Senior | Marine, Estuarine and Freshwater Biology     | April Blakeslee, David Buck, Amy Fowler                                  | Parasite Party: Investigating Ecological Drivers of Trematode Parasite Prevalence and Diversity across the Isles of Shoals              |
| Dhiraj Naidu                                                            | Senior | Biochemistry, Molecular and Cellular Biology | Nathan Blais, Jessica Ernakovich                                         | Evaluating the 'Kill-the-Winner' Hypothesis in Soil Ecosystems: Do Soil Viruses Disproportionately Lyse Fast-Growing Soil Microbes?     |
| Esher Swanson                                                           | Junior | Marine, Estuarine and Freshwater Biology     | Karolina Kwasek                                                          | Playing with Sea Monkeys: An Examination of the Use of Decapsulated Artemia as a Means of Improving Current Zebrafish Culture Practices |
| Will Steere                                                             | Junior | Chemical Engineering                         | Alan Allgeier                                                            | Valorization of Biomass Derivatives to Monomers by M-MOx Catalytic Hydrogenation & Hydrodeoxygenation                                   |
| Kate Lussier                                                            | Senior | Biomedical Science                           | Jeffrey Halpern                                                          | The Stability of a PolyHistidine Tag as a Linker                                                                                        |
| Madilynn Clark                                                          | Senior | Bioengineering                               | Linqing Li                                                               | Mechanically Tunable Hydrogel Based Clearance Assay for Ovarian Cancer Modeling                                                         |
| Trinity Devanney                                                        | Senior | Bioengineering                               |                                                                          |                                                                                                                                         |
| Meghan Herlihy                                                          | Senior | Bioengineering                               |                                                                          |                                                                                                                                         |
| Claire Komar                                                            | Junior | Bioengineering                               | Linqing Li                                                               | Designer Hydrogels with Combinatorial Adhesive Peptides for Cell Culture                                                                |
| Eddie Gaffny                                                            | Junior | Chemistry                                    | Aylin Aykanat                                                            | Synthesis of Cyclodextrin Precursors for the Generation of Novel Crystalline Materials for Environmental Remediation                    |
| Amy Divito                                                              | Senior | Biochemistry, Molecular and Cellular Biology | Nate Oldenhuis                                                           | Designing DNA Intercalating Supramolecular Hydrogels with Tunable Structural Properties                                                 |
| Muriel Lubelczyk                                                        | Senior | Chemistry                                    | Brittany White-Mathieu                                                   | Macrocyclic Chromophores as a Novel Class of Fluorescent Molecules                                                                      |
| Angelo Cedrone                                                          | Senior | Civil Engineering                            | Philippe Kalmogo, Anthony Puntin, Christopher Raymond, Michelle Thibault | Hampton Beach Casino Ballroom Redevelopment Project                                                                                     |
| Cam Holbrook                                                            | Senior | Civil Engineering                            |                                                                          |                                                                                                                                         |
| George Nigro                                                            | Senior | Civil Engineering                            |                                                                          |                                                                                                                                         |
| Jason Sathanathan                                                       | Senior | Civil Engineering                            |                                                                          |                                                                                                                                         |
| Michael Vouglas                                                         | Senior | Civil Engineering                            |                                                                          |                                                                                                                                         |
| Patrick Thavisouk                                                       | Senior | Civil Engineering                            | Matthew Low                                                              | F.E. Everett Bridge Replacement                                                                                                         |
| Ian Becker                                                              | Senior | Civil Engineering                            |                                                                          |                                                                                                                                         |
| William Fogarty                                                         | Senior | Civil Engineering                            |                                                                          |                                                                                                                                         |
| Eddie Schluter                                                          | Senior | Civil Engineering                            |                                                                          |                                                                                                                                         |
| Noah LaFlamme-Howe                                                      | Senior | Civil Engineering                            | Nancy Kinner, Gabriel Venegas                                            | Acoustic Sensor for Measuring Slick Thickness during Oil Spill Response                                                                 |
| Hayden Anastasio                                                        | Senior | Environmental Engineering                    |                                                                          |                                                                                                                                         |
| Grace Burcaw                                                            | Senior | Environmental Engineering                    |                                                                          |                                                                                                                                         |
| Robert Hickling                                                         | Senior | Environmental Engineering                    |                                                                          |                                                                                                                                         |
| Martin Babak                                                            | Senior | Computer Science                             | Lisa Henry                                                               | Dialogix                                                                                                                                |
| Niall Gavin                                                             | Senior | Computer Science                             |                                                                          |                                                                                                                                         |
| Tyler Norcross                                                          | Senior | Computer Science                             |                                                                          |                                                                                                                                         |
| Rayya Burns                                                             | Senior | Computer Science                             | Julie Paprocki                                                           | Free Fall Penetrometer Data Analysis Application                                                                                        |
| Troy Ciardelli-Zaryckyj                                                 | Senior | Computer Science                             |                                                                          |                                                                                                                                         |
| Vincent Ciccotelli                                                      | Senior | Computer Science                             |                                                                          |                                                                                                                                         |
| Brett Dupont                                                            | Senior | Computer Science                             |                                                                          |                                                                                                                                         |

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|---------------------|-----------|----------------------------|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| May Fallon          | Senior    | Computer Science           |                                                 |                                                                                                                   |
| Anthony Snider      | Junior    | Computer Science           |                                                 |                                                                                                                   |
| Matthew Cariseo     | Senior    | Computer Science           |                                                 |                                                                                                                   |
| Sam Howard          | Senior    | Computer Science           | Scott Kitterman                                 | Network Behavior                                                                                                  |
| Matthew Szpak       | Senior    | Computer Science           |                                                 |                                                                                                                   |
| Evan White          | Senior    | Information Technology     |                                                 |                                                                                                                   |
| Gordon Chau         | Senior    | Analytics and Data Science |                                                 |                                                                                                                   |
| Lauren Broadbent    | Senior    | Analytics and Data Science |                                                 |                                                                                                                   |
| Maxx Berry          | Senior    | Analytics and Data Science | Lisa Henry                                      | PACE: Pupillometric Analysis of Cognitive Effort                                                                  |
| Evan Braley         | Senior    | Computer Science           |                                                 |                                                                                                                   |
| Ariel Sousa         | Senior    | Analytics and Data Science |                                                 |                                                                                                                   |
| Max Vivino          | Senior    | Analytics and Data Science |                                                 |                                                                                                                   |
| Jaren Unzen         | Senior    | Computer Science           | Samuel Carton, Julie Paprocki                   | Evaluating Segment Anything Model for Estuary Mudflat Segmentation                                                |
| Gordon Chau         | Senior    | Analytics and Data Science |                                                 |                                                                                                                   |
| Andrew Lester       | Junior    | Information Technology     | Matthew Magnusson                               | Lab Assistant                                                                                                     |
| Aidan Kane          | Senior    | Computer Science           |                                                 |                                                                                                                   |
| Brian Winslow       | Senior    | Information Technology     |                                                 |                                                                                                                   |
| Ethan Northcott     | Senior    | Analytics and Data Science | May-Win Thein                                   | UNH Lunabots - Computer Science Subteam - Autonomous Navigation and Teleoperation                                 |
| Aaron Owre          | Senior    | Computer Science           |                                                 |                                                                                                                   |
| Conner Sheehan      | Senior    | Computer Science           |                                                 |                                                                                                                   |
| Gavin Tucker        | Senior    | Computer Science           |                                                 |                                                                                                                   |
| Owen Cannon         | Senior    | Analytics and Data Science |                                                 |                                                                                                                   |
| Evan Czerwinski     | Senior    | Computer Science           | Matthew Argall                                  | Lightning Weather Station                                                                                         |
| Damien Fabiano      | Senior    | Computer Science           |                                                 |                                                                                                                   |
| Chase Santovasi     | Senior    | Computer Science           |                                                 |                                                                                                                   |
| Thomas White        | Senior    | Information Technology     |                                                 |                                                                                                                   |
| Curtis Kimball      | Junior    | Earth Sciences             | Joel Johnson                                    | Linking Amorphous Silica in Gulf of Mexico Sediments to the Late Pleistocene Deglaciation of North America        |
| Zachary Holt        | Junior    | Electrical Engineering     | Adam Hunsaker, Jennifer Jacobs, Jeremy Johnston | Snowpack Characterization Using Low-Cost FMCW Radar                                                               |
| Nolan Juneau        | Senior    | Electrical Engineering     | Wayne Smith                                     | µModules: A Low-Cost, Eurorack-Compatible Modular Audio Synthesis System                                          |
| Paige McAfee        | Senior    | Electrical Engineering     | Wayne Smith                                     | Pedal Parrot: Effect Mimicking Electric Guitar Amplifier                                                          |
| George Crane        | Senior    | Computer Engineering       | Dean Sullivan                                   | BitCrusher: Affordable, Open Source, Electromagnetic Fault Injection Platform                                     |
| Md Jonayet Hossain  | Senior    | Electrical Engineering     | Nicholas Kirsch                                 | AI-Based Signal Analyzer & Equalizer                                                                              |
| Zachary Holt        | Junior    | Electrical Engineering     |                                                 |                                                                                                                   |
| Pavel Subotskij     | Sophomore | Mechanical Engineering     | MC Shaad Mahmud                                 | Development and Testing of a Portable Non-Dispersive Infrared Spectrometer for Real-Time Nitrous Oxide Monitoring |
| Pavel Subotskij     | Sophomore | Mechanical Engineering     | Juan Carlos Cuevas Bautista                     | Design and Implementation of a CoreXY 3D Printer Using Off-the-Shelf Components                                   |
| Anthony Lopez-Ortiz | Freshman  | Mechanical Engineering     | John Gibson                                     | Sym-Body: Symmetry of Kinesiology                                                                                 |
| Devaja Dutta        | Freshman  | Electrical Engineering     |                                                 |                                                                                                                   |
| Jessamine Hui       | Freshman  | Bioengineering             | Kyle Ouellette Dean Sullivan                    | User Friendly Irrigation System                                                                                   |

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| Vlayronell Lora Gonzalez<br>Ivan Seryogin                                                                           | Sophomore<br>Freshman                                              | Computer Science<br>Computer Science                                                                                                       |                                 |                                                                                         |
| Chase Carlton<br>Ashley Leach<br>Andrew Martin-Biggs<br>Tessa Wilker                                                | Freshman<br>Sophomore<br>Sophomore<br>Freshman                     | Environmental Engineering<br>Environmental Engineering<br>Environmental Engineering<br>Environmental Engineering                           | Matt Davis                      | Controlled Environment Agriculture Innovation Scholars                                  |
| Eben Quenneville                                                                                                    | Junior                                                             | Engineering Physics                                                                                                                        | John Gibson                     | Algebraic Models of Plane Couette Equilibria                                            |
| Dija Haq                                                                                                            | Senior                                                             | Applied Mathematics                                                                                                                        | Adam Boucher                    | When Do Macroeconomic Indicators Improve Portfolio Optimization?                        |
| Cam Conant<br>Eli Fitzgerald<br>Will Sargent                                                                        | Senior<br>Senior<br>Senior                                         | Mechanical Engineering<br>Mechanical Engineering<br>Mechanical Engineering                                                                 | May-Win Thein                   | UNH Lunacats Drivetrain                                                                 |
| Joseph Aubut<br>Jonathan Dean<br>Sam Harms<br>Joshua Lesniak<br>Matthew McCoy                                       | Senior<br>Senior<br>Senior<br>Senior<br>Senior                     | Mechanical Engineering<br>Mechanical Engineering<br>Mechanical Engineering<br>Mechanical Engineering<br>Mechanical Engineering             | Juan Carlos Cuevas Bautista     | UNH FSAE Powertrain                                                                     |
| Noah McCandless<br>Patrick DeAnna<br>Paul Marino<br>Jameson Solomon<br>Brian Truong                                 | Senior<br>Senior<br>Senior<br>Senior<br>Senior                     | Mechanical Engineering<br>Mechanical Engineering<br>Mechanical Engineering<br>Mechanical Engineering<br>Mechanical Engineering             | May-Win Thein                   | VTOL-X                                                                                  |
| Viktorie Vagnerova                                                                                                  | Senior                                                             | Mechanical Engineering                                                                                                                     | May-Win Thein                   | Reaction Wheel Actuated UAV Platform for Spacecraft Attitude Control Testing            |
| Travis Boufford<br>Evan Hemingway<br>Ryan MacKay<br>Peyton Marshall                                                 | Senior<br>Senior<br>Senior<br>Senior                               | Mechanical Engineering<br>Mechanical Engineering<br>Mechanical Engineering<br>Mechanical Engineering                                       | Ivaylo Nedyalkov                | Backpack Trash Management System                                                        |
| Austin Boutin<br>Garrett Dion<br>Isabelle Hu                                                                        | Senior<br>Senior<br>Senior                                         | Mechanical Engineering<br>Mechanical Engineering<br>Mechanical Engineering                                                                 | Nathan Laxague                  | AIOLOS: Autonomous Inventory Organization or Laboratory Operations Suite                |
| Jake Overstreet<br>Ben Hogan<br>Gabriel Pointer<br>Zachary Smith<br>Kiara Summers<br>Michael Sutt<br>Zachary Yeaton | Senior<br>Senior<br>Senior<br>Senior<br>Senior<br>Senior<br>Senior | Ocean Engineering<br>Mechanical Engineering<br>Ocean Engineering<br>Environmental Sciences<br>Biology<br>Biology<br>Mechanical Engineering | David Fredriksson, Igor Tsukrov | Mobile Mussel Raft                                                                      |
| Amy Divito                                                                                                          | Senior                                                             | Biochemistry, Molecular and Cellular Biology                                                                                               | Nate Oldenhuis                  | Designing DNA Intercalating Supramolecular Hydrogels with Tunable Structural Properties |
| Torsten Diesel                                                                                                      | Senior                                                             | Physics                                                                                                                                    | Benjamin Chandran               | Wave-Induced Current Drive in Magnetic Confinement Fusion                               |
| Alec Mercer                                                                                                         | Senior                                                             | Engineering Physics                                                                                                                        | James Clemmons                  | Development of the Thermospheric Winds Imager                                           |

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| Jackson Scheele | Senior | Engineering Physics | James Clemmons | On the Design and Flight Qualification of Thermo5D for High-Resolution, Multidimensional Wind Measurements in the Thermosphere |
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| Paul College URC, April 24, 2026 |           |                                                                      |                 |                                                                       |
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| Student Name                     | Class     | Major/s                                                              | Faculty Adviser | Title of Presentation                                                 |
| Ryan Vogel                       | Senior    | Analytical Economics                                                 | Aziz Saglam     | Occupational AI Exposure and the Wage Premium for Economics Majors    |
| Jesse Harriott                   | Senior    | Analytical Economics                                                 | Aziz Saglam     | Occupational AI Exposure and the Wage Premium for Economics Majors    |
| Rhea Shirodkar                   | Senior    | Business Administration:<br>Information Systems & Business Analytics | Jing Wang       | Differential Effects of Climate Anomalies on New England Crop Yields  |
| Cameron Badger                   | Senior    | Economics                                                            | Reagan Baughman | Does Residential Electrification Reduce Energy Expenditure            |
| Sabrina Bernard                  | Junior    | Analytical Economics                                                 | Robert Mohr     | An Economic Analysis of the United Kingdom's Emissions Trading Scheme |
| Molly Nichols                    | Sophomore | Analytical Economics                                                 | Robert Mohr     | An Economic Analysis of the United Kingdom's Emissions Trading Scheme |
| Catalina Blando                  | Sophomore | Analytical Economics                                                 | Robert Mohr     | An Economic Analysis of the United Kingdom's Emissions Trading Scheme |