

Roger Williams University

**DOCS@RWU**

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Student Academic Showcase and Honors

Office of Academic Affairs

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2024

## **SASH: Student Academic Showcase and Honors 2024**

Roger Williams University

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# RWU SASH 2024

## Student Academic Showcase and Honors



Meriel McGovern's Honors Capstone presentation on local coral *Astrangia poculata* at SASH 2023

*Join us on*

**Wednesday, April 24, 2024**

*for a celebration of the scholarship and creative endeavors of RWU's students!*

### **Undergraduate Presentations, Capstone Projects, Panels, & Poster Sessions**

8:00am–5:00pm — Various Locations, Bristol Campus

### **University Honors Program Capstone Presentations**

9:00am–4:30pm — Various Locations, Bristol Campus

### **Designing Our Shared Future Interactive Design Event**

11:00am – 2:00pm — Outside of University Library

### **Cummings School of Architecture Student Exhibits and Displays**

9:00am–5:00pm — Cummings School of Architecture

*(self-guided, continuous display, Monday, April 15 - Friday, April 26)*

### **RWU Graduate Student Poster Competition and Reception**

4:00pm–6:30pm — Richard L. Bready Mount Hope Bay Sailing and Education Center

### **RWU Visual Arts Showcase**

Bristol Art Museum, 10 Wardwell Street, Bristol, RI 02809

*April 3 - April 21, 2024*

*The mission of SASH is to provide an opportunity for undergraduate and graduate students to share their academic and creative activities with the RWU community. SASH represents our collective intellectual accomplishments as a university during the academic year.*

*All events are free and open to the public.*

## Honors Concurrent Sessions

	GHH 205	GHH 206	GHH 208
9:00am – 10:00am	<b>Honors Senior Capstone Group 1</b>	<b>Honors Senior Capstone Group 2</b>	<b>Honors Senior Capstone Group 3</b>
	<p>9:00 – Marisa Cestone: <i>Let's work together! An Exploration of Collaborative Learning in 5th grade.</i></p> <p>9:15 – Emily Williams: <i>Accessible Web Design: Connecting the Young Adult Chronic Illness Community through Graphic and Web Design</i></p> <p>9:30 – Lara Kester: <i>Racial Disparity Affecting Eye Exam Rates</i></p> <p>Faculty Moderators: Robert Dermody</p>	<p>9:00 – Erin LoMonaco: Interrelations and Inclusivity</p> <p>9:15 – Honor Sucov: The Nationalist Disease: A Dangerous Response to Global Epidemics</p> <p>9:30 – Brianna Benjamin: Importance of and Barriers to Transition Services for Adolescents with Disabilities</p> <p>Faculty Moderators: Bill Palm</p>	<p>9:00 – Aedan Vitale: Is Man a Rational Animal, or a Creature of Habit?</p> <p>9:15 – Samantha Riley: Comparative Decomposition Studies as a New Method for Forensic Investigation</p> <p>9:30 – Maddie Huntington: A Creative Examination of Cult Mentality and Its Effects</p> <p>Faculty Moderators: TBA</p>
10:15am – 11:15am	<b>Honors Senior Capstone Group 4</b>	<b>Honors Senior Capstone Group 5</b>	<b>Honors Senior Capstone Group 6</b>
	<p>10:15 – Gianna Todaro: Investigating Factors that Influence the Rate of Aging in Model Organisms</p> <p>10:30 – Jamie Goldman: Cracking the Gluten Free Code, Gluten Free Packaging as a Key to Clarity and Consumer Awareness</p> <p>10:45 – Thomas Irvine: A Molecular-Informed Species Inventory of Red Algae (Order: Ceramiales) in the Narragansett Bay Area</p> <p>Faculty Moderators: Robert Dermody</p>	<p>10:15 – Ned O'Keefe: Disarming Domestic Abusers with Restraining Orders</p> <p>10:30 – Amy Kunzinger: Green Spaces for Students</p> <p>10:45 – Jillian Kiazim: Guilty Until Proven Innocent - Uncovering Why Wrongful Convictions Occur and What Can Be Done to Prevent Them</p> <p>Faculty Moderators: Bill Palm</p>	<p>10:15 – Matthew Schwartz: Variability in Construction Management</p> <p>10:30 – Lydia Robinson: The Urban Block; Designing for Density In Boston</p> <p>10:45 – Abby Gambrell: Sports Field Tension Netting System</p> <p>Faculty Moderators: TBA</p>

## Honors Concurrent Sessions

	GHH 205	GHH 206	GHH 208
<b>11:30am – 12:30pm</b>	<p style="text-align: center;"><b>Honors Senior Capstone Group 7</b></p> <p>11:30 – Oliver Sherry: Keeping History Physically Alive: The Importance of Preservation Survey Work</p> <p>11:45 – Alivia DeGrotta: Martin Middle School East Providence: Response to Bid Proposal</p> <p>Faculty Moderators: Robert Dermody</p>	<p style="text-align: center;"><b>Honors Senior Capstone Group 8</b></p> <p>11:30 – Ryan Spillane: Urban Living: The Importance of Affordability and Visibility</p> <p>11:45 – Andre Caceres: Exploring AI’s Influence on Gen Z &amp; Millennials</p> <p>Faculty Moderators: Bill Palm</p>	<p style="text-align: center;"><b>Honors Senior Capstone Group 9</b></p> <p>11:30 – Ashley McGettrick: Stigma and Help-Seeking Differences: Mental Health in the US and the UK</p> <p>11:45 – Maggie Grace: A Discourse on the Disparity of Mental Health Resources in Secondary Education</p> <p>12:00 – Tori Chiklis: The Designer’s Toolbox for Relieving Stress, Preventing Creativity Blocks, and Gaining Inspiration</p> <p>Faculty Moderators: TBD</p>
<b>1:00pm – 2:00pm</b>	<p style="text-align: center;"><b>Honors Senior Capstone Group 10</b></p> <p>1:00 – Nate Lopes: A True Learning Experience on Expanding a Business</p> <p>1:15 – Sam Gibson: An Insider's View on the Tax Preparation Process</p> <p>1:30 – Luke Hosek: ExxonMobil, H&amp;M, AB InBev: Green or Greenwashing?</p> <p>Faculty Moderators: Robert Dermody</p>	<p style="text-align: center;"><b>Honors Senior Capstone Group 11</b></p> <p>1:00 – Tania Acosta: Representation of Hispanic Culture in Advertising</p> <p>1:15 – Eddie Conley: Performing on the Boundaries of Cultural Identity: How Celebrities Reveal the Performative Origins of Identity</p> <p>1:30 – Hannah Patalsky: Navigating Uncharted Waters: International Interpretations and Enforcement Procedures of Maritime Law</p> <p>Faculty Moderators: Bill Palm</p>	

## Honors Concurrent Sessions

GHH 205

GHH 206

GHH 208

2:15pm - 3:15pm

### Honors Senior Capstone Group 12

2:15 - Paige Annis: Synthesis from 6,7 dihydroxy-4-methylcoumarin

2:30 - Elexxia Fournier: Dogs and Invasive Species

2:45 - Sam Papcun: Bringing Abstract Algebra into the High School Classroom

Faculty Moderators: Robert Dermody

### Honors Senior Capstone Group 13

2:15 - Abbey Gilligan: The Art of Museums: Focusing on Inclusivity, Sustainability, and Community in Japan

2:30 - Emily Rosen: Restoring Rhode Island's Waters: An Environmental Journalism Package

2:45 - Benjamin Clark: Designing for Urban Density in Boston, MA

Faculty Moderators: Bill Palm

## Multimodal Presentations

### Mary Tefft White Cultural Center

#### 10:00am – 11:00am Narraganset Bay Estuary Program Visual Storytelling Project

<b>Students:</b>	Jack Aviles	David Peters
	Mat Clarke	Emily Rosen
	Apostolos Karnavas	Stathi Savvidis

**Faculty Sponsor:** Paola Prado

#### 11:30am – 12:30pm Ocean State of Emergency

<b>Students:</b>	Jack Aviles	David Peters
	Mat Clarke	Emily Rosen
	Apostolos Karnavas	Stathi Savvidis
	Will Nichols	

**Faculty Sponsor:** Paola Prado

#### 1:00pm – 1:30pm The Pedagogy of Roving Eye: Experiential Learning in Film Curation and Festival Production

**Students:** Briana Verissimo

**Faculty Sponsor:** Cory Alix

#### 2:00pm – 3:00pm Voices of Democracy: Get Out the Vote Poster Exhibition

<b>Students:</b>	Erin Brennan	Glynn Smith
	Ashley Clemon	Megan Standifer
	Landen Costa	Shannon Starratt
	Juliet Garcia Baez Scarlett	Joe Trzepacz
	Miller	Jay Warner
	Erin Pienczykowski	Sydney Wood

**Faculty Sponsor:** Denielle Emans

#### 3:30pm – 4:30pm A Criminological Approach to Unmasking the January 6th 2021 Homegrown Terrorist Attack on the U.S. Capitol

<b>Students:</b>	Lily K. Chace	Fiene Kalski	Cesar Perez
	Mason Deoliveira	Rachel J. Masker	Keenan Pindar
	Jack Downing	Nick S. Marchese	Quinn Reilly
	Silvia Feola	Michelle Marks	Nathaniel C. Rollo
	Lexi Fiasco	Kylee Meadows	Marco Tullio
	Dan Forte	Allison R. Murphy	Meadow Vieira
	Ana S. Froekjaer	Kelly N. Nieto	Isabelle West

**Faculty Sponsor:** Yolanda M. Leott, Ph.D.

# Interactive Design Event

## Mary Tefft White Cultural Center

### 11:00am – 2:00pm Designing Our Shared Future

What does it mean to visualize unity? “Designing Our Shared Future” welcomes the campus community to an interactive design event. Participants can join our team of graphic designers to visualize the beauty of UNITY & DIVERSITY with a splash of paint outside the RWU Main Library from 11 am—2 pm. **Grab a paintbrush and add your visual interpretation of unity to the mural!**

*“Designing Our Shared Future: Reimagining Social Change Through Design Research” was supported by a grant from the RWU Provosts Fund for Student Research.*

*Affinity groups: Multicultural Student Union (MSU), Hispanic American and Latinx Student Association (HALSA), Asian American Alliance (AAA), Women of Color Club (WOCC), Rhythm n’ Roots (RnR), The Barbershop, and Hillel International.*

<b>Students:</b>	Hannah Caple	Benjamin Mosher
	Kristen Hearrold	Grayson Philbrick
	Alexandra Houle	Sherisa Smith

**Faculty Sponsor:** Denielle Emans

# Student Research Panel Sessions

GHH 106

9:00am - 10:15am

## ***Research in Psychology***

Ashley McGettrick, "Mental Health Stigma and Help-Seeking: Findings from a Survey of College Students in the US and the UK "

**Faculty Sponsor:** Kelly Brooks

## ***Research in History***

Richard McGee, "Rhode Island Slave History Medallions: Saylesville Quaker Meeting House"

**Faculty Sponsor:** Charlotte Carrington-Farmer

10:30am - 12:00pm

## ***Research in Philosophy***

Sydney Barra, "Can Punishment Fit the Crime? Why Retribution Fails."

Ethan Eichmann, "What is Well-Being?"

Savannah Goshdigian, "Is Hedonism a Realistic Moral Theory?"

**Faculty Sponsor:** Michael Wright



# Art & Architectural History Symposium

## Cummings School of Architecture Room 132

Faculty Moderator: Gail Fenske, Professor of Architecture

10:00am - 10:40am

### *Renaissance Art and Architecture*

10:00am Abby DiCocco, "Art and Symbolism to Promote the Self in the Renaissance Studio"

10:20am Pluto McCauley, "Cooking Up Political Values: Courtly Values and the Renaissance Kitchen"

10:40am - 11:40am

### *Modern Architecture*

10:40am Trinity Kendrick, "The Sublime: Gothic Architecture and Literature"

11:00am Patrick Mountjoy, "Jean-Nicolas-Louis Durand as a Product of Étienne-Louis Boullée and the French Revolution"

11:20am Maryrose DiPiro, "Joseph Paxton's Crystal Palace: Technological Utopia"

11:40pm - 1:00pm

### *Contemporary Architecture and the Influence of the Baroque*

11:40am Luke Gillett, "Parametricism and the Baroque"

12:00pm Emily Salvi, "Borromini's 'Parete Ondulata' and the Birth of Biomimicry"

12:20pm **Concluding Discussion**

**Engineering Senior Capstone Projects**  
**Bready Applied Learning Laboratories (SELB) Atrium**  
**2:00pm – 4:00pm**

Students	Title	Faculty Sponsor
Eoin Collins Christopher Derick Ken Nuzzi Derek O'Mahony Ryan Powers Cory White Morgan Woodby	<b>Autonomous Campus Delivery Robot</b>	Matthew Stein
Billy Ashworth Will Chuhta Maddie Predaris Lucas Wigley	<b>Wind Drag Analysis and Mounting Design for Public Artwork Sculpture "On Arriving"</b>	Matthew Stein
Andrew Bliss Chloe Doran Megan Fitzgibbons Yvon Guillaume Joshua Ongera Trey Ravenelle	<b>ASME Electric Human Powered Vehicle Challenge</b>	Gordon Stewart
Edvin Caniz-Garcia Christopher Fini Aidan Hoogland Zack Pryor Rachel Shaw Claire Siegel-Wilson	<b>Wind Tunnel Design</b>	Maija Benitz
Nicholas Cricco Viannely Francisco Noah Jean Aidan Maguire Hunter Phillips Danielle Woodard	<b>Optical Air Quality Monitor</b>	Ahmet Akosman

**Engineering Senior Capstone Projects**  
**Bready Applied Learning Laboratories (SELB) Atrium**  
**2:00pm – 4:00pm**

<b>Students</b>	<b>Title</b>	<b>Faculty Sponsor</b>
Hunter Boutin Matt Delgrego Venus Fu Ethan Howard CJ Sousa	<b>Portable Spectrophotometer</b>	Allison Marn
Stephen Hansen Chase Steenburgh Amanda Bucco Michelle Kryl Robert Reino	<b>Evaluation and Removal Plan for the Shad Factory Dam</b>	Janet Baldwin
Finn Joyce Nathan Silveira Cameron Ridgewell Abby Gambrell John Ah Kao	<b>Sportsfield Tension Netting System Design</b>	Nicole Martino
Hunter Frament Angie Gabinetti Zach Lang Garrett Molampy Matt Viveiros Tyler Zanini	<b>Biologic Erosion Control</b>	Pamela Judge

## Student Research Posters GHH Atrium and Lobby

8:00am - 9:30am	Student Research Posters	GHH Atrium & Lobby
Student(s)	Title	Faculty Sponsor
Gabrielle DiDonato	Determination of bio-ligands metal nutrient extraction potentials from Mars regolith simulant as a source for plant growth	Stephen O'Shea
Grant Dingley	The Alien Garden: Investigating Nutrient Effects on Algal Growth from Martian simulant regolith and Terrestrial Environments	Stephen O'Shea
Sydney Panczak	Determination of the binding capacity of anionic nutrients to Mars Regolith Simulants from Freundlich and Langmuir Adsorption Isotherms	Stephen O'Shea
Preston Sharrock	Characterizing the Geochemical Transformations of Halogenated Organic Compounds In-situ with Martian Regolith Simulants and Terrestrial Bay Sediments by <sup>13</sup> C NMR	Stephen O'Shea
Katy Benagh	Determining the inorganic phosphate and organo phosphorus levels from a freshwater river into a tidal estuary. Phosphate is a limiting nutrient that regulates in its ecological niche	Stephen O'Shea
William Littleton	Dithionite treatment of marine sediment to determine phosphate distribution by <sup>31</sup> P NMR	Stephen O'Shea
Carly Ferreira	Investigation of Schiff Base- Metal Complexes within an Asymmetric Henry Reaction	Lauren Rossi
Livia L. Cohen Julie S. Gerstner Hunter J. Boutin Abigail L. Heroux	Thiocyanate ions in vaping materials detected through photometric, chromatographic, and electrochemical methods	Clifford Murphy
Hunter J. Boutin Abigail L. Heroux Livia I. Cohen Julie S. Gerstner	Chemosensor electrode development for early cancer detection: Electrochemical reproducibility in thiocyanate sensing	Clifford B. Murphy
Cameron Twitchell	Development of a Microfluidic Device for Liposome Synthesis	Mina Poursharifi
Olivia Karbott	Synthesis and characterization of Liposomal Nanoparticles (LNPs) for co-delivery of anticancer agents	Mina Poursharifi
Sarita Poudyal Bhandari	Medical Image Classification Using Deep Learning Models	Hasala Gallolu Kankanamalage
Colton Pelletier	Utilizing Deep Learning and Computer Vision in Search of Longevity Inducing Pharmaceuticals	Hum Nath Bhandari
Athena Morrisett Michaela Johnson Lauren Moulaison Jack Bielawa Sam Bielawa	Classifying Bone Fractures in X-Ray Images Using Deep Learning Models	Hum Nath Bhandari

<b>8:00am - 9:30am</b>	<b>Student Research Posters</b>	<b>GHH Atrium &amp; Lobby</b>
<b>Student(s)</b>	<b>Title</b>	<b>Faculty Sponsor</b>
Eugene Onchagwa Hirwa Ishimwe Louis Sader Ricky Botelho	Detection of Pneumonia in X-rays Images Using Deep Learning	Hum Nath Bhandari
Danh Le Gokdeniz Tingur Lyndsey Murray Isaac Nsiah	Fetal Health Classification Using Deep Neural Net-works	Hum Nath Bhandari
Alisa Barker Lauren Moulaison Matt Davidson Owen Fitzgerald	CNN Based Botanical Classification Model	Hum Nath Bhandari
Rachel Rodrigues Amanda Paulhus	Does Drought Status Explain Water Quality Across Rhode Island?	Joel Singley
Mandi Greenhalgh	Riparian Ecohydrologic Response to Coastal Dam Removal	Joel Singley
Sophia Gioioso	Assessing Suitability of Data Gap-Filling Among Local Weather Stations	Joel Singley

<b>9:45am- 11:15pm</b>	<b>Student Research Posters</b>	<b>GHH Atrium &amp; Lobby</b>
<b>Student(s)</b>	<b>Title</b>	<b>Faculty Sponsor</b>
Michaela Johnson Lauren Alves	Exploring population trends for Longhorn Sculpin and Little Skate	Yajni Warnapala
Jack Bielawa Griffin Herbert	Modeling Automatic Breaking Systems in Motor Vehicles	Yajni Warnapala
Carly Ferreira Ethan Keeney Kaylyn Ritter	Tracking the Spread: Estimating Oil Spill Rates in California Coast Waters.	Yajni Warnapala
Athena Morrisett Natalie Nieman	Estimation of Ocean Acidification Rates Overtime in the Pacific Tropics	Yajni Warnapala
Sam Bielawa Danielle Vogt	Predicting Future US Population	Yajni Warnapala
Matt Davidson Danh Le Athena Morrisett Lauren Moulaison	Implementing Hybrid PSO Global Optimizer	Dr. Anthony Ruocco
Donovan Dunning Tyler Edwards Aidan Ventresca	Industry-Friendly Application for Predicting Design Values of Wood Layers in Timber Panels	Dr. Anthony Ruocco
Dorothy Arriola Flores Matt Costa George Khramtchenko	Advising Assistant	Dr. Anthony Ruocco
Hank Bailey Will Bailey Sarita Poudyal Bhandari	Indoor localization	Dr. Anthony Ruocco
Maeve Kenny Eugene Onchagwa Brett Ramella	Mobile App development for TwinUp	Dr. Anthony Ruocco

<b>9:45am- 11:15pm</b>		<b>Student Research Posters</b>	<b>GHH Atrium &amp; Lobby</b>
<b>Student(s)</b>	<b>Title</b>	<b>Faculty Sponsor</b>	
Ricky Botelho Hirwa Ishimwe Connor Mulberry Isaac Nsiah	RWU Parking App	Dr. Anthony Ruocco	
Bryce Riccitelli Andrew Mungovan	A review of the environmental-associated challenges and their potential risks on Mass Timber elements in coastal climates	Shay Kurzinski	
Christina Marra Gabriella Cruz Olivia Ahlborg	Energy Analysis of RWU School of Engineering Building using Integration of BIM Tools; Autodesk Revit and Green Building Studio.	Shay Kurzinski	
Marielli Alifonso Alivia Degrotta Darian Wulf	Perceptions of Superintendents and Project Managers within the Construction Industry	Amine Ghanem and Jonathan Gomes	
Christina Marra Gabriella Cruz Brendan Donovan	Construction Trade Schools Perceptions: Past and Present	Jonathan Gomes and Amine Ghanem	
<b>11:30am - 1:00pm</b>		<b>Student Research Posters</b>	<b>GHH Atrium &amp; Lobby</b>
<b>Student(s)</b>	<b>Title</b>	<b>Faculty Sponsor</b>	
Danielle Vogt	An Integral Equation Approach for Long Covid -19 (LC Model)	Yajni Warnapala	
Sam Bielawa	Integral Equation Method for Modified Maxwell Integral Equation: MRI Scan	Yajni Warnapala	
Sara Carney Jack Dunn Mathieu Dale Max Muftic	Fed Challenge	Maria Kula and Priniti Panday	
Isabella Wierzbicki Orlando Fernandes Kevin Murphy Edward Troyano Nathan Nichols Ari Dinerman	Effective Crisis Management - Lessons from Greece	Jay Oliver	
Halei, Allen-Morabito Emily Neubig Emma MacLean Hailey Pereira Leila Dumas Hovey	Crisis Management in Healthcare - An International Perspective	Jay Oliver	
Adenis Martinez Abramson Tia Scotto Melissa Sandoval Ethan Richards	Occupational Stress and Job Efficiency within Police Departments	Mehmet Sozer	
Naomi Airey	Crash Data Analysis	Karla-Sue Marriott	
Daniel Forte	Evaluating the Forensic Odontology of Charred Human Remains	Karla-Sue Marriott	

<b>11:30am - 1:00pm</b>		<b>Student Research Posters</b>	<b>GHH Atrium &amp; Lobby</b>
<b>Student(s)</b>	<b>Title</b>	<b>Faculty Sponsor</b>	
Julia Harrington	Ethics of Using Forensic Genealogy to Solve Cold Cases	Karla-Sue Marriott	
Taylor Howell	Forensic Trace Analysis of Lipstick Transfers on Different Substrates using ATR-FTIR Spectroscopy	Karla-Sue Marriott	
Hannah Mello	Mental Health in Law Enforcement Officers: A Review	Karla-Sue Marriott	
Andrea Pachico	How the Innocence Project Utilizes Forensics in DNA Exonerations	Karla-Sue Marriott	
Kasey Ruo	Linking international use of illicit substances to sexual assault	Karla-Sue Marriott	
Gabi R. Sanchez	Synthesis of Norepinephrine Transporter Ligand to Fight Addiction	Karla-Sue Marriott	
Marissa Glen	Determining the Efficacy of the Duquenois-Levine and the 4-Aminophenol Color Tests for the Presence of Cannabis	Karla-Sue Marriott	
Nick Muha Kiera Jan Nicole Auger	The Effect of Body Worn Cameras (BWC) in Deterring Police Misbehavior	Mehmet Sozer	
Sarah Toppa Syd Unterweger Aidan Walsh Sofie Morris	Community Deterioration and Crime	Mehmet Sozer	
Michelle Marks	Amends in Police & Community Relations: The Murder of Oscar Grant	Yolanda M. Leott, Ph.D.	
Paige Klos	Synthesis of 3-Methyl-N-Phenylbenzofuran-2-carboxamide and its Affinity for the Norepinephrine Transporter (NET)	Karla-Sue Marriott	
<b>1:15pm - 2:45pm</b>		<b>Student Research Posters</b>	<b>GHH Atrium &amp; Lobby</b>
<b>Student(s)</b>	<b>Title</b>	<b>Faculty Sponsor</b>	
Katie Flaherty Meghan Belval Emily Dykstra Sophia Terpning	RWU Habitat Cleanup Guide: The MNS Pond	Steven M. Esons	
Alec Molinari Paul Joyce CJ Galian	Sustainable Strategies for New Construction at RWU	Steven M. Esons	
Mac Annus Alessia Cahoon Joshua Wood Darian Wulf	New Technologies for Incorporating Renewable Energy at RWU	Steven M. Esons	
Olivia Crocker Delaney Meserve Tracy Pham	#1 Climate Change & Health: Mental Health	Andrew Staroscik	
Sophia Gatto Sarah Gray Rayah Vasko	#2 Climate Change & Health: Food and Nutrition	Andrew Staroscik	

1:15pm - 2:45pm	Student Research Posters	GHH Atrium & Lobby
Student(s)	Title	Faculty Sponsor
Kate Shultz Morgan Holmes	#3 Climate Change & Health: Vector-Bourne Diseases	Andrew Staroscik
Hannah Oliver Lily Winsten	#4 Climate Change & Health: Water-Bourne Diseases & Water Scarcity	Andrew Staroscik
Shawna Ruth Sophia Clark Citizen Designer Team	Eating plant-based: perceptions, attitudes, and behaviors of the Roger Williams community	Jacob Bueno de Mesquita
Tessa Plume Athena Morrisett	Monitoring CO2 in classrooms to estimate viral transmission risk and ventilation rates	Jacob Bueno de Mesquita
Erik Pontes	Quantifying the Potential Health Impacts of Residential Gas Combustion Cooking and Heating – A Meta-Analysis and Risk Assessment	Jacob Bueno de Mesquita
Jack Aviles Mauricio Cortes Emily Eichner Sydney Flynn Maggie Haswell Paris Inacio Mya Landry Colin Mitchell Keagan O'Donnell Nathalie Rodriguez Aidan Ryan Willow Schreiner Sabrina Sherman Devyn Siegel JC White	Citizen Designer x Public Health x Sustainability	Keri Dennison-Leidecker
Ava Devine	Utilizing qPCR to Investigate Cyanobacteria - Viral Interactions	Marcie Marston
Michaela Johnson	Cyanopodoviruses Infecting Clade I Synechococcus spp. Possess Unique Gene Sequences	Marcie Marston
Tyler Dasilva Willem Pontbriand Nawal Wehbe	Predictors of sentence length in a diverse sample of men convicted of sexual offenses.	Alejandro Leguizamo
Eden Fraatz	Optimization of Cognitive Behavioral Tasks for CLOCKΔ19 Mouse Model of Bipolar Disorder	Victoria Heimer-McGinn
Dennis Arruda	CLOCKΔ19 mouse model elucidates cognitive deficits in bipolar disorder	Victoria Heimer-McGinn
Kimberly Lajoie	Perceptions of COVID-19 Attitudes based on Ingroup Status and Norm Conformity: Analysis of Open-Ended Responses	Kelly Brooks
Daniella Hernandez	Program Evaluation of the Pawtucket Brain Fair	Victoria Heimer-McGinn



3:00 - 4:30pm	Student Research Posters	GHH Atrium & Lobby
Student(s)	Title	Faculty Sponsor
Erlinda Castro	Cold War Containment and Chavismo: Geopolitical Dynamics and the Venezuelan Migration Crisis	Fernanda Righi
Eddie Conley	Performing on the Boundaries of Cultural Identity: An Examination of Latinidad	Fernanda Righi
Ben Mosher	Public Transit for Public Good	Denielle Emans
Emily Williams	Accessible Graphic and Web Design for Chronic & Invisible Illnesses	Emily Sara
Devyn Siegel	Sustainability Beyond Aesthetics: Authentic Environmentalism in Branding, Packaging, and Product Design	Denielle Emans
Karli Butcher	The Family Recipe	Denielle Emans
Annemelloune Jean	Political Activism After Quarantine: The Online World's Impact on the Real World	June Speakman
William Madigan-Kolstad	The President, the Emperor, and the War in the Pacific	June Speakman
Andoni Boudreau Adam Horwitz Phoebe Strudwick Nathaniel Oldenburg	Russian Civil War: Faces and Futures	Jeffrey Meriwether
Jack Wildermann Alec Lavallee Nathaniel Rollo Ella Rothberg	Unveiling the Dragon: The Boxer Rebellion and China's Clash with Tradition and Modernity	Jeffrey Meriwether
William Madigan-Kolstad Mercedes Ney Lauren Pantazes Evelyn Sprague Max Viner	In Command, in the Air, in Support: Soviet Women in World War II	Jeffrey Meriwether
Adam Goralski Connor Faxon Robbie Zeppieri Brandon Shover	Drawing the Line: Korea's Past, Present, and Unknown Future	Jeffrey Meriwether
Lauren Canata	The Rhetorical Writing Process: Tackling the (Urban) Planning Issues	Jennifer Campbell
Meghan Bonin	Engaging Problems Through the Components of a Rhetorical Writing Process	Jennifer Campbell
Leah Waterman	Rhetorically-Motivated Writing: Elevating the Built Environment	Jennifer Campbell

**SASH Graduate Student Poster Competition & Reception**  
**Richard L. Bready Mount Hope Bay Sailing and Education Center**  
**4:00-6:30 pm**

	<b>Student(s)</b>	<b>Title</b>	<b>Faculty Sponsor(s)</b>
<b>4:00pm – 5:00pm</b>	Maeve Cassidy	The Effects of the RAP Strategy in Reading Comprehension for High School Students with Disabilities	Lindsey Pike
	Gianna Ferrara	The Effectiveness of Lexia Power Up as a Literacy Intervention	Lindsey Pike
	Trinity Kendrick	The Sublime: Gothic Architecture and Literature	Gail Fenske
	Megan Pomeroy	The effect of a explicit and systematic phonological awareness program on the acquisition of alphabet letter-sound correspondence skills in kindergarten students identified with developmental delay	Dr. Lindsey Pike
	Caitlyn Powell	Timed Repeated Reading Fluency to Improve Accuracy Rate: A Literature Review	Dr. Lindsey Pike
	Emma VanDenBerghe	The Effects of Cover-Copy-Compare on Addition Fact Fluency for Second Graders with Specific Learning Disabilities	Lindsey Pike
	Ava Wilkens	Using Lexia Literacy PowerUp to Support High School Students with Learning Disabilities	Lindsey Pike
	Olivia Agoros	Effect of Elkonin Box Instruction for Students with a Learning Disability in Reading and a Developmental Delay	Lindsey Pike
	Nicole Casler	Threadscapes—Crafting Design for the Senses	Andrew Cohen Julian Bonder

**SASH Graduate Student Poster Competition & Reception**  
**Richard L. Bready Mount Hope Bay Sailing and Education Center**  
**4:00-6:30 pm**

	<b>Student(s)</b>	<b>Title</b>	<b>Faculty Sponsor(s)</b>
<b>5:00pm – 6:00pm</b>	Kevin Deeb	Resiliency and Recovery: The Academic and Emotional Implications of Mass Tragedy on High School Adolescence	Katrina Norvell
	Renee Parry	Geomorphic Thresholds: Cultivating Place through a Hyperawareness of Context and Logic	Julian Bonder, Andrew Cohen
	Madison Rodriques	Locked Out of Learning: Rhode Island's School-to-Prison Pipeline	Beck M. Strah
	Hope Westman	Enhancing Phoneme Segmentation Skills in Fourth-Grade Students: An Investigation of Incremental Rehearsal Intervention	Lindsey Pike
	Emily Miller	Green Spaces in Urban communities: Evaluation of promoting well-being in Urban Communities	Katrina Norvell
	Don Miguel Ruiz Khalil Gibran Dr. Srikanth Gaddam	My Leadership Agreement	Matt Kite
	Isabella Wierzbicki Orlando Fernandes Kevin Murphy Edward Troyano Nathan Nichols Ari Dinerman	Effective Crisis Management - Lessons from Greece	Jay Oliver
	Halei, Allen-Morabito Emily Neubig Emma MacLean Hailey Pereira Leila Dumas Hovey	Crisis Management in Healthcare - An International Perspective	Jay Oliver

RWU Visual Arts Showcase  
**CUT, PASTE, SLASH, PATCH, PLASTER**

Bristol Art Museum  
April 3 – 21, 2024  
Gallery Exhibit  
1:00pm – 4:00pm

*School of Humanities, Arts, and Education's Department of Visual Arts*

Tania Guerrero, *Untitled*, 2024

Lucy Hatch, *Emma*, 2024

Sreypech, *Untitled*, 2024

Caitlin Boufford, *Self Portrait*, 2023

Will Nichols & Julia Noel, *Alien Superstar*, 2024

Sophie Delenick, *Protection of Venus*, 2024

Tania Guerrero, *Untitled*, 2024

Tania Guerrero, *Untitled*, 2024

Paige Swenson, *Typical Tuesday*, 2024

Isabel Vogel, *Lichen*, 2024

Cate Palaia, *I Could've Done That*, 2024

Caitlin Boufford, *Waterfall*, 2024

Soraya Bussatti-Espanol, *Foam Fusion*, 2024

Sophia Borrelli, *Crystal Orbs*, 2024

Kaia Andersen, *Featherweight*, 2024

Enesyia Colwell, *Your Ramen Looks Like My Hair*, 2024

Christian Calabro, *Self-Portrait*, 2023

Kim Amidon, *Birth*, 2024

Kim Amidon, *Two Become One*, 2024

Kim Amidon, *Broken Angel*, 2024

Mia Bouchier, *I wanted to make a mug*, 2024

Emma Banta, *Untitled*, 2024

Casidhe Hughes, *Astrangia*, 2024

William Millington, *Untitled*, 2024

Mia Bouchier Neat Little Thingz, 2024

Emily Williams *Usual Students*, 2024

Cate Palaia, *Untitled*, 2024

Erica Prempeh, *Untitled*, 2024

Mia Accardi, *Untitled*, 2024

Grace Campos, *Heartbreak*, 2024

Mia Accardi, *Untitled*, 2024

Hamilton Carney, *Black Rock*, 2024

Amanda Smyth, *Break the [Redacted]*, 2023

Avsizzle, *Western Front*, 2024

Avsizzle, *Untitled* 2024

Maddie Huntington, *Self Portrait on Film*, 2023

Maddie Huntington, *DON'T YOU WANT TO BECOME A CULT LEADER?*, 2024

Grace Kortchmar, *Untitled*, 2024

*The Narrative*, 2022

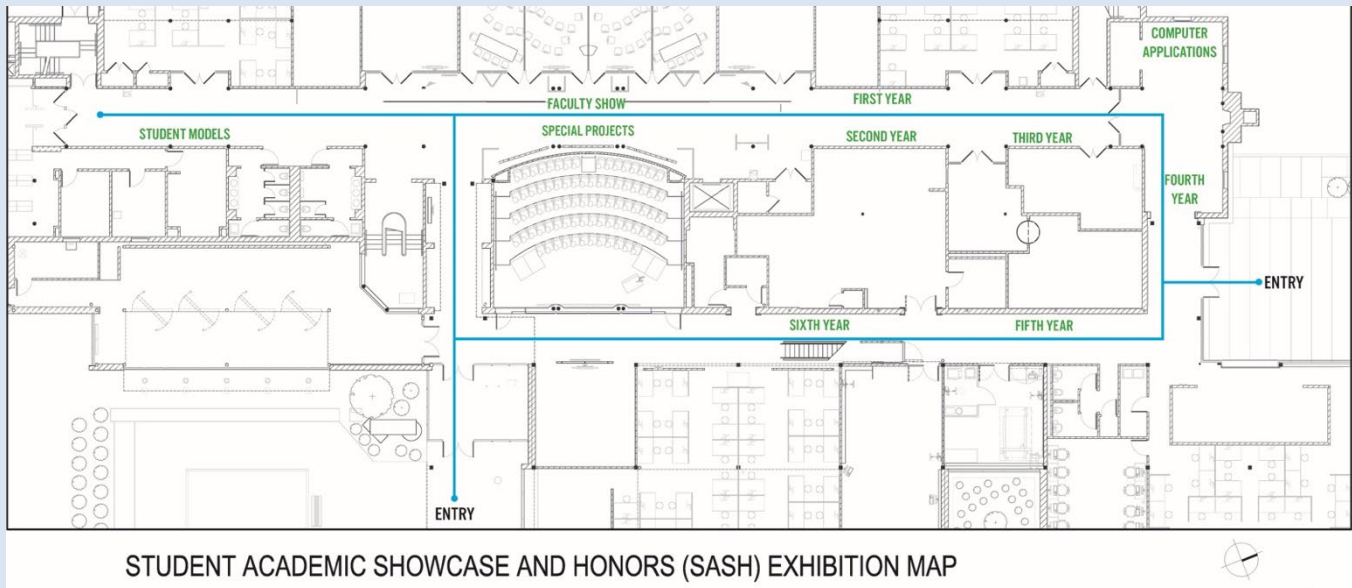
Kim Amidon, *Decay*, 2024

Kim Amidon, *Mother*, 2024

Willow Schreiner, *Lichen Texture*, 2024

Caroline Toli, *We are Important Too*, 2024

**CSA Student Exhibits**  
**Cummings School of Architecture Building**  
**April 15 – April 26**



**Thank you to the following for supporting SASH 2024**

Participating Students, Faculty, and Academic Programs  
Carol Sacchetti, Assistant Dean of Students/Director Student Programs, Leadership, & Orientation  
Facilities Department  
Office of the President  
Office of the Provost  
RWU Student Senate  
RWU Faculty Senate

**SASH 2024 Planning**

*The Student Academic Showcase and Honors program is organized by the University Life Committee of the Faculty Senate and the 2024 SASH Committee. It is sponsored by the Office of the Provost for Academic Affairs and the University Honors Program.*

Lisa Quinn, Administrative Specialist, Office of the Provost  
Becky Spritz, Associate Provost for Academic Affairs  
Matthew Tilly, Academic Affairs Committee of the Student Senate Chair  
Paul M. Webb, Professor of Biology, SASH 2024 Planning Coordinator and Chair, University Life Committee  
Faculty Senate

*The eleventh Annual Student Academic Showcase and Honors (SASH) is sponsored by the University Life Committee of the Faculty Senate, the University Honors Program, RWU Student Senate, and the Office of the Provost ([www.rwu.edu/go/sash](http://www.rwu.edu/go/sash)). The Honors Academic Showcase began in 2002 to highlight the Honors program and was expanded in 2013 to a University-wide showcase of student research, engagement, and projects.*