



UNIVERSITIES OF
WISCONSIN



RESEARCH IN THE ROTUNDA

MARCH 11, 2026
CAPITOL ROTUNDA, MADISON, WI

RESEARCH IN THE ROTUNDA

Showcasing the Work of UW Undergraduates

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[#RITR2026](https://X.com/UniversitiesWI)

22ND ANNUAL

RESEARCH IN THE ROTUNDA

March 11, 2026

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SCHEDULE INFORMATION

9:30-10:30am – Set Up Posters, Capitol Rotunda

Snacks available for student presenters and faculty advisers

10:30am-2:30pm – Posters Display, Capitol Rotunda

12:00pm – Remarks, Capitol Rotunda

Speaker: Jay Rothman, President, Universities of Wisconsin

12:15pm – Lunch, North Hearing Room

For registrants only (lunch indicated on back of name tag)

2:30-3:30pm – Dismantle Posters

FROM THE PRESIDENT



Dear Education Partner,

Welcome to the Universities of Wisconsin's 22nd annual *Research in the Rotunda: Showcasing the Work of UW Undergraduates*. I am delighted to join you in the Capitol to highlight the research achievements of our undergraduate students.

The research projects on display embody the personal and intellectual growth experienced by the students who created them. Over the 22 years of holding this event, we have featured well over 1,500 undergraduate research projects. They are a tangible representation of the Universities of Wisconsin's ongoing commitment to build the talent pipeline and to expand knowledge and ideas that are vital to the state's success—objectives that are an integral part of our 2023-2028 Strategic Plan. Today's event highlights our commitment to having at least 25% of our undergraduate students involved in research at each of our universities by 2028.

Through partnering with our accomplished faculty, each student has a rewarding opportunity to enhance their project management, teamwork, and critical problem-solving skills. Students investigated real-life issues affecting local, state, national, and international citizens and communities. Engaging in undergraduate research is a proven practice that leads to student success, not only in school, but also in future careers. The students' research also has the potential to inform public policy and decisions made by the private sector to help resolve the complex challenges our local, state, and global communities face. Their work helps create knowledge that enables Wisconsin to address difficult problems while helping improve our quality of life. Research makes a difference!

We extend our appreciation to those who made this annual event possible, and we offer a special thanks to Wisconsin's elected representatives and

state government officials for their participation and support. We also offer congratulations to the families, community supporters, and UW faculty advisers and staff who support the students' research.

Most importantly, we congratulate the talented students whose work represents the significant and valuable role undergraduate research plays throughout the Universities of Wisconsin and beyond. Their efforts to extend knowledge beyond the boundaries of campus and to stimulate society through their research exemplify the Wisconsin Idea and make us all proud of them, our universities, and our state.

Sincerely,

A handwritten signature in black ink, appearing to read "Jay Rothman". The signature is fluid and cursive, with a prominent flourish at the end.

Jay Rothman
President
Universities of Wisconsin

BOARD OF REGENTS

Regent Angela Adams
Regent Desmond Adongo
Regent Amy B. Bogost, *President*
Regent Noah Fritz
Regent Haben Goitom
Regent Jim Kreuser
Regent Edmund Manydeeds III
Regent Timothy Nixon
Regent Tom Palzewicz
Regent Joan Prince
Regent Ashok Rai
Regent Sara Rogers
Regent Jack Salzwedel
Regent Linda Terwilliger
Regent Amy Traynor
Regent Jill Underly
Regent Karen Walsh
Regent Kyle M. Weatherly, *Vice President*

CHANCELLORS

Chancellor Michael Carney (interim)

University of Wisconsin–Eau Claire

Chancellor Michael Alexander

University of Wisconsin–Green Bay

Chancellor James Beeby

University of Wisconsin–La Crosse

Chancellor Jennifer Mnookin

University of Wisconsin–Madison

Chancellor Thomas Gibson

University of Wisconsin–Milwaukee

Chancellor Manohar Singh

University of Wisconsin–Oshkosh

Chancellor Lynn Akey

University of Wisconsin–Parkside

Chancellor Tammy Evetovich

University of Wisconsin–Platteville

Chancellor John Chenoweth (interim)

University of Wisconsin–River Falls

Chancellor Pratima Gandhi (interim)

University of Wisconsin–Stevens Point

Chancellor Katherine P. Frank

University of Wisconsin–Stout

Chancellor Renée Wachter

University of Wisconsin–Superior

Chancellor Corey A. King

University of Wisconsin–Whitewater

FACULTY ADVISERS

Student research cannot occur without the dedication and personal commitment of faculty advisers. We wish to acknowledge the following faculty members for their work to make undergraduate research collaboration possible on every Universities of Wisconsin campus.

Faculty Adviser	University/Organization	Poster	Legislative District Senate/Assembly	
Seyed Javad Amirfakhri	UW-Stevens Point	1	24	71
Sarah Vitale	UW-Eau Claire	2	31	93
Tisha King-Heiden	UW-La Crosse	3	32	95
Craig Brabant (Research Curator)	UW-Madison	4	26	77
Jeffrey Dimick	UW-Stevens Point	4	29	86
Jessica Orlofske	UW-Parkside	4	21	63
Nicole Hayes	UW-Stout	5, 70	31	92
Greg Kleinheinz	UW-Oshkosh	6	19	55
Randi Goettl	UW-Eau Claire	7	31	93
Jerry Hoepner	UW-Eau Claire	8	31	93
Alexandria Viegut	UW-Eau Claire	9	31	93
Longzhu Dong	UW-Eau Claire	10	31	91
Jeanette Olsen	UW-Eau Claire	11	31	93
Patricia Turner	UW-Eau Claire	12	31	91
Alison Jane Martingano	UW-Green Bay	13	22	64
David Radosevich	UW-Green Bay	14	30	90
Dylan Polkinghorne	UW-Green Bay	14	30	88
Jason Cowell	UW-Green Bay	15, 18	30	88
James Kabrhel	UW-Green Bay, Sheboygan Campus	16, 19	9	25
Christine Smith	UW-Green Bay	17	9	26
Henziel Jusino	UW-Green Bay	17	2	5
Adam Stivers	UW-La Crosse	20	32	94
Tanvi Thakkar	UW-La Crosse	21	32	95
Kristina LaPlant	UW-La Crosse	22	32	96
Zach Tritz	UW-La Crosse	23	32	95
Penelope Hardy	UW-La Crosse	24	32	95
Sarah Pember	UW-La Crosse	25	32	95
Padma Gopalan	UW-Madison	26	26	77
Sheng Wang (Graduate Student Mentor)	UW-Madison	26	26	76
Harry Brighthouse	UW-Madison	27	26	77
Steven Loheide	UW-Madison	28	26	77
Eric Kastelic (Graduate Student Mentor)	UW-Madison	28	26	77
Anita Thompson	UW-Madison	29	27	79
Alfonso Morales	UW-Madison	30	27	79

Faculty Adviser	University/Organization	Poster	Legislative District Senate/Assembly	
Edna Ely-Ledesma	Universities of Wisconsin	30	26	76
Andrew Quanbeck	UW-Madison	31	16	47
Jeffrey Lopez-Rojas	UW-Milwaukee	32	7	19
Ralph Janes	UW-Milwaukee	33	7	17
Alexander (Leggy) Arnold	UW-Milwaukee	34	7	19
Alita Burmeister	UW-Milwaukee	35	4	10
Nikki Lytle	Medical College of Wisconsin	36	6	16
Rachel Ida Buff	UW-Milwaukee	37	7	19
John Mayrose	UW-Oshkosh	38	18	54
Matt Richie	UW-Oshkosh	39	19	55
Choua Xiong	UW-Oshkosh	40	19	55
Sabrina Mueller-Spitz	UW-Oshkosh	41	18	54
David Fuller	UW-Oshkosh	42	16	56
Sarinda Siemers	UW-Oshkosh	42	18	54
Dana Merriman	UW-Oshkosh	43	19	55
Elizabeth Grobart	UW-Parkside	44	21	61
Abey Kuruvilla	UW-Parkside	45	22	64
Jenny Keefe	UW-Parkside	46	22	64
Dana Oswald	UW-Parkside	47	22	64
Traci Lee	UW-Parkside	48	22	64
Keith Biddle	UW-Parkside	49	22	64
Gokul Gopalakrishnan	UW-Platteville	50	17	49
Zifan Wan	UW-Platteville	51	17	49
James Hampton	UW-Platteville	52	27	80
Blair Braun	UW-Platteville	53	17	49
James Hamilton	UW-Platteville	54	17	49
Kameko Halfmann	UW-Platteville	55	17	49
David Olson	UW-Platteville	56	14	40
Cheng-chen Huang	UW-River Falls	57	10	30
Timothy Lyden	UW-River Falls	58	10	28
Grace Lewis	UW-River Falls	59	10	30
Daniela Goldfine	UW-River Falls	60	10	30
Samuel Alvarado	UW-River Falls	61	10	30
Travis Tubré	UW-River Falls	62	10	30
Brandon Frank	UW-Stevens Point	63	24	71
Bryant Scharenbroch	UW-Stevens Point	63	29	87
Brian Barringer	UW-Stevens Point	63	24	71
Shannon Riha	UW-Stevens Point	63	24	71
Joseph Mondloch	UW-Stevens Point	63	24	71
Christopher Yahnke	UW-Stevens Point	64	24	71
Franciane Reinert Ce	UW-Stevens Point	65	24	71
David Chunyu	UW-Stevens Point	66	24	71
Cynthia Goosby	UW-Stevens Point	67	12	34
Tami Swenson	UW-Stevens Point	68	24	71
Holly Yuan	UW-Stout	69	31	92
Julia Chapman	UW-Stout	70	31	92
Mary Paz Alvarez Valverde	UW-Stout	71	31	92

Faculty Adviser	University/Organization	Poster	Legislative District Senate/Assembly	
Courtney Juelich	UW-Stout	72	1	1
Tina Lee	UW-Stout	72	31	92
Kevin Doll	UW-Stout	73	32	32
Matthew Ray	UW-Stout	74	31	92
James Lane	UW-Superior	75	25	73
Khalil "Haji" Dokhanchi	UW-Superior	76	25	73
Allison French	UW-Superior	77, 78	25	73
Eleni Pinnow	UW-Superior	78	25	73
Joshua K. Bedi	UW-Superior	79	25	73
Steve Rosenberg	UW-Superior	80	25	73
Prajukti Bhattacharyya	UW-Whitewater	81	15	43
Kirsten Crossgrove	UW-Whitewater	82	16	46
FNU Hairi	UW-Whitewater	83	15	43
Lynn Gilbertson	UW-Whitewater	84	15	45
Cody Marie Busch	UW-Whitewater	84	11	31
Rex Hanger	UW-Whitewater	85	16	46
Brian Schanen	UW-Whitewater	86	15	43
John Frye	UW-Whitewater	86	15	43
Tom Klubertanz	UW-Whitewater at Rock County	87	15	44

STUDENT PRESENTERS BY UNIVERSITY

POSTER #

Poster Title

Student Name, Hometown

FRESHWATER COLLABORATIVE RESEARCH FELLOWS

1 **Enhanced Adsorption of Short-Chain PFAS (PFBS) on Metal-Impregnated Activated Carbon**

Benjamin Zobel, UW-Stevens Point, Janesville WI

Co-author: Jonah Semyonov

2 **A Systematic Approach to Testing of Per- and Polyfluoroalkyl Substances (PFAS) in Drinking Water in Rural Eau Claire County, Wisconsin**

Meg Walker, UW-Eau Claire, Lancaster, WI

Co-author: Avery McKeown-Robbie

3 **Are Forever Chemicals Forever Altering Embryonic Development?**

JoAnn Breier, UW-La Crosse, Appleton, WI

Carissa Maske, UW-La Crosse, Waukesha, WI

4 **Lessons from the Past: Leveraging Museum Specimens to Advance Freshwater Biomonitoring**

Hannah Kay Cantin, UW-Stevens Point, Columbia, MO

Natalie Diller, UW-Madison, Verona, WI

Cole Kupsch, UW-Madison, Trego, WI

Andrew Malacara, UW-Parkside, Kenosha, WI

Jack Stecker, UW-Stevens Point, Chilton, WI

Elyse Uthagrove, UW-Parkside, Waterford, WI

Co-authors: Mickayla Denis, Skylar Johnston

5 **Microcystin Concentrations and Space: A Survey of Spatial and Depth Patterns**

Elias Jeska, UW-Stout, Somerset, WI

Co-author: Brinley Tonn

6 **Monitoring Microcystin Concentrations of Inland and Great Lakes in Wisconsin**

Cole Lodholz, UW-Oshkosh, Sun Prairie, WI

Co-authors: Allison Coldwate, UW-Oshkosh; Emily Cole, UW-Madison;

Brady Cunningham, UW-Eau Claire; Kim Fredricks, UW-Oshkosh;

Megan Jensik, University of Central Florida (via Water@UW)

UW-EAU CLAIRE

- 7** **Beneath the Mask: Exploring the Hidden Experience and Wellbeing of Female Neurodivergent Students**
Amelia Lyons, Roseville, MN
- 8** **Community-based Interventions for Individuals with Acquired Brain Injuries: A Multipronged Approach**
Anna Lindner, Loyal, WI
Kylie Starren, Saint Cloud, MN
- 9** **Do Problems with Fractions Start Early?: Home Math Environment and Children's (Mis)Understandings of Half**
Olivia Turks, Waukesha, WI
Audrey Wood, Eau Claire, WI
Co-authors: Derek Arcand, Emilija Durdevic, Zoe Eineichner, Kiera Rosenberg
- 10** **Process Over Prizes: Goal Orientations and Team Evaluations in Global Virtual Teams**
Yiting Xu, Changshu, Jiangsu, China
Wenxi Zhang, Eau Claire, WI
- 11** **The Omaha System: A Scoping Review**
Cooper Priebe, Elko New Market, MN
Allana Valiente, Eastvale, CA
Co-authors: McKenna Ross, Amanda Yule
- 12** **The Wisconsin Rural-Urban Political Divide in Historical Perspective**
Gabrielle Rizzo, Green Bay, WI

UW-GREEN BAY

- 13** **A Wisconsin-specific Lens on Empathic Concern and Perspective Taking**
Katelyn Van Lanen, Suamico, WI
Alison Wagner, Green Bay, WI
Co-authors: Mack Eggers, Ella Schaefer
- 14** **AI at Work: When Help Becomes Harm for Well-Being**
Raquel Botbyl, Menominee, MI
Megan VanDoorn, Ladysmith, WI
Trinity Schreiber, Brookfield, WI
- 15** **Altered rsEEG Coherence Following Childhood Maltreatment**
Grace Holschuh, Luxemburg, WI
Baleigh Harmon, Green Bay, WI
Maranda Heath, Green Bay, WI
- 16** **Chemical and Instrumental Analysis of "Liquid Oxygen" Supplements**
Claire Bassett, West Bend, WI
- 17** **Exploring the Impact of Wellness and Social Capital on Peer Mentors**
Maritza Lopez, Green Bay, WI
Nilyne Vang, Green Bay, WI

Poster Title*Student Name, Hometown*

- 18** Mild Traumatic Brain Injuries and Executive Function: An Electrophysiological Investigation of Modulations to the N200 Amplitude Post Concussion

*Michael Thompson, Darlington, WI**Natalie Ponce, Green Bay, WI**Ella Schaefer, Oshkosh, WI*

UW-Green Bay, Sheboygan Campus

- 19** Adaptable Mechanochemical Method for Solventless Green Organic Reactions

*Grafton Smith, Sheboygan, WI**Logan Severns, Sheboygan, WI*

UW-LA CROSSE

- 20** Do Ethnic Groups Think Fast Differently? Nudging Diverse Consumers

Nainil Mukesh Jariwala, Surat, Gujarat, India

- 21** Effects of Captioning and Lecture Difficulty on Cognitive Load and Comprehension

Lian Lewis, Madison, WI

- 22** Law, Identity, Language: Linguistic Patterns in Supreme Court Dissents

Grace Lundie, Muskego, WI

- 23** Modulation of Human Monocyte Function by MHC Class I Ligation

Brody Dion, Madison, WI

- 24** "So, the Boats Come Regular to Ephraim Now?": A Deeper Dive into Door County's Maritime Economy

Isabella Pahl, Appleton, WI

- 25** Why Public Health?: A Photovoice Study Examining Student Experiences and Motivation

Emma Thurner, Janesville, WI

UW-MADISON

- 26** Covalent Adaptable Networks: Building the Next Generation of Recyclable Plastics

*Leo Liu, Shawano, WI**Co-authors: Maryam Al Jawad, Ri Chen, Daniyar Syrlybayev, Ramathanan Thevamaran, Sheng Wang*

- 27** Good Morals, Bad Outcomes? What Is Behind Rural Communities' High Rates of Deaths of Despair
Adina Kurzban, Los Angeles, CA
- 28** Investigating the Drivers of Latewood Formation in the Great Lakes Region
Joe Binzley, Madison, WI
- 29** Paired Model Comparison and Sensitivity Analyses: i-Tree Canopy Stormwater Calculator and WinSLAMM for Predicting Annual Urban Stormwater Runoff Phosphorus Loads
Danika Wanish, Madison, WI
- 30** The Ecosystem Services Tool: Cultivating Sustainable Food Systems for a Thriving Planet
Nolan Hegge, Madison, WI
- 31** Understanding Stakeholder Decision-Making Perspectives on the Adoption and Sustainability of Digital Health Tools for Alcohol Use Disorder
Mallory Herzog, Elm Grove, WI

UW-MILWAUKEE

- 32** Altered Entorhinal-CA2 Circuit Dynamics Underlying Social Memory Dysfunction in Schizophrenia
Erik Collins, Milwaukee, WI
- 33** Creating Spaces for All: A Study on Accessibility in Theatre Experiences
Elizabeth Lappano, Palos Heights, IL
Co-author: Marie Helser
- 34** Efficient Pd-Catalyzed Amination of Benzodiazepine Scaffolds for GPCR Ligand Development
Shaun Harrington, Milwaukee, WI
Co-authors: Maya R. T. Fernando, Mubaraq Toriola, Alexander Vincent, Paul N. Wiebe
- 35** Frequency of Mucoid Mutants with Phage and Antibiotic Selection
Allyson Ruffino, Milwaukee, WI
Co-author: Harleen Tewatia
- 36** The Impact of Chemotherapy-Associated Liver Damage on Pancreatic Cancer Liver Metastasis
Parnian Vakili
- 37** The Mystery of Leah Buff Frankel: Reclaiming the Voices of Queer Jewish Women in the Early 20th Century
Oli Pierce, De Pere, WI

Poster Title*Student Name, Hometown***UW-OSHKOSH**

- 38** ***A Fugitive Gets a Haunted Soundtrack* for Clarinet and Piano**
Ella Perry, Deerfield, WI
- 39** **An Evaluation of the Winnebago County High Frequency Offender Program**
Jacob Herwig, Kenosha, WI
- 40** **Finding a Professional Self: A Longitudinal Study on HMoob American Undergraduates' Career Pathways**
Seng Yeng Lee, Appleton, WI
Pangna Yang, Menomonee Falls, WI
Co-authors: Vincent Lee, Javit Thao, Andy Yang, Mai Chong Yang
- 41** **Linking Genomic Diversity to Functional Capabilities in Cutibacterium Acnes**
Kyle Pickarts, Lodi, WI
- 42** **The Politics of Staying: How Wealth, Demographics, and District Partisanship Shape Congressional Careers**
James Rhines, Grafton, WI
- 43** **Using CRISPR Gene Editing of 13-lined Ground Squirrel to Model a Human Inherited Retinal Degeneration**
Sheldon Schroeder, Omro, WI
Co-authors: Abigail Bielicki, Emily Knapp, Leo Krishnevsky

UW-PARKSIDE

- 44** **Educator Preparation to Improve Special Educator Retention**
Kaydence Korus, Trevor, WI
- 45** **Improving Tool Tracking & Inventory Management at Riley Construction**
Tyrek Jackson, Antioch, IL
Jonas Waller, Kenosha, WI
Co-author: Brooke Mader
- 46** **Plato's Atlantis**
Anna Becker, Pleasant Prairie, WI
- 47** **Reclaiming Domestic Labor as Feminist Knowledge: Reinterpreting Circe through Culinary Translation**
Angelina Palmer, Kenosha, WI

- 48** Using Promoter Swaps to Understand How Transcription Factor Family Members Met31 and Met32 Regulate Yeast Sulfur Metabolism Gene Expression

Clare Halladay, Racine, WI

Bayleigh Tienhaara, Kenosha, WI

Co-author: Addison James-Perkins

- 49** You're Drilling Me Crazy: Trepanation and the Evolution of Human Knowledge and Behavior

Megan Bahr, Mount Pleasant, WI

UW-PLATTEVILLE

- 50** Adapting Scalable Semiconductor Processing Techniques for Advanced Manufacturing and Biotechnology Applications

Luke Dijjak, Beaver Dam

Tyler Hendee, Platteville, WI

Nick Scharschmidt, Eden, WI

Fen Stephan, Oshkosh, WI

- 51** Cold Plasma-Activated Water as a Replacement for Chemical Solutions in the Sterilization of Food Contact Surfaces

Gillianne Wagner, Slinger, WI

Co-authors: Myjah Drews, Max Schneider

- 52** Early Postpartum Progesterone Treatment to Encourage Cyclicity in Dairy Cows

Connor Gresens, Rochester, NY

Carley Nehls, Horicon, WI

- 53** How Do We Know What Is True? The Impact of Photos and Social Media on the Illusory Truth Effect

Gianna Cisneros, Blue Mounds, WI

Liliana Varela, Platteville, WI

Morgan Williams, Bagley, WI

- 54** Polymer Pretreatment and Cross-material Screening to Suppress Pinholes in UV/EUV Mirror Coatings

Nick Baker, Chicago Ridge, IL

- 55** Reduce, Reuse, Realize: Consumers Susceptibility to Greenwashing in Ads

Ciara Settles, Platteville, WI

UW-Platteville Baraboo Sauk County

- 56** GEFmeso Expression and Function in the Fruit Fly Neuromuscular Junction

Tobin LeFevre, Baraboo, WI

William Royal, Portage, WI

Poster Title*Student Name, Hometown***UW-RIVER FALLS**

- 57** Comparing the Anti-Cancer Efficacy and Toxicity of Cucurbitacin Isoforms
Samantha Imes, Buffalo, MN
- 58** Exploring the Potential Role of Cell/Cell Junctional Complexes in Breast Cancer Cell Motility and Metastasis
Ruth Kosterman, Hudson, WI
Co-author: Faith Cour
- 59** Influence of Sodium Citrate on Skim Milk Simulated in Vitro Gastric Digestion
Anthony Fuchs, Monticello, WI
Co-authors: Zach Datt, Anna Mrozinski
- 60** La mujer mexicana: En el pasado y presente/The Mexican Woman: In the Past and Present
Elena Fuglestad, Alexandria, MN
Rebecca Gill, Oregon, WI
Co-author: Emily Crowe
- 61** Synthesis and Testing of Nickel-Based Catalysts in Mechanochemical Cross-Electrophile Coupling Reactions
Hayden Banks, Minneapolis, MN
- 62** Workplace Friendship Orientation and the Big 5 as Predictors of Preferences and Perceived Satisfaction with Remote vs. In-Person Work Positions
Evelyn Ashbach, River Falls, WI
Anna George, New Richmond, WI

UW-STEVENS POINT

- 63** A Compost Application Rate for Sustainable Hemp Agriculture in Wisconsin
Ronny Ruedinger, Brown Deer, WI
Erin Tschida, Stevens Point, WI
Sam Watson, Madison, WI
Co-author: Sean McCann
- 64** Analyzing Bat Activity in Burned Red Pine Stands in Northern Wisconsin
Sam Coleman, Bloomington, MN
Elizabeth Grove, Hammond, WI

- 65** Consumer Motivation Through AI Experiences: A Study Involving Brand Trust and Purchase Decision
Brandon Shoen, Stevens Point, WI
- 66** Controversy on the Streets: Urban Political Economy and Placemaking in Stevens Point's Business 51 Road Reconstruction
Rebecca Smith, Milladore, WI
- 67** Unmuted: Adaptive Music Education for an Inclusive Future
Nathan Edwards, Shawano, WI
- 68** Wood County THC Community Environment Surveillance Scan, 2025
Tanik Pontzloff, Waupaca, WI

UW-STOUT

- 69** Autonomous AI Agent for Incident Response
*Chloe Kaneski, Plymouth, MN
Fletcher Meyer, Appleton, WI*
- 70** Monitoring the Zebra Mussel Invasion in Lake Menomin, Menomonie, WI
Cayanna Erickson, Eau Claire, WI
- 71** Raspberry Packaging Design: Effects of Air Flow Rate on Raspberry Shelf Life
*Lauren Ras, St. Michael, MN
Co-authors: Drew Schneider, Brittney Wiles*
- 72** Return on Investment of the Work of County Land and Water Conservation Departments in Wisconsin
*Helayna Brown, Menomonie, WI
Ella Kemp, Cedar Falls, IA*
- 73** The Effects of Traumatic Stress on Interpersonal Relationship Characteristics
Louis Malais, Rhinelander, WI
- 74** The Sky is Falling: Accelerating Demise During Uncontrolled Reentry of Space Debris
Reese Hufnagel, Menomonie, WI

Poster Title*Student Name, Hometown***UW-SUPERIOR**

- 75** Isolation of Quercetin from Various Sources and its Radical Neutralizing Properties
Rachel Taylor, Superior, WI
- 76** No Children at Arms: Why Disarmament Demobilization and Reintegration Program Fails Child Soldiers
Kidest Seabhatleabe Mitiku, Addis Ababa, Ethiopia
- 77** Testing an Intervention to Reduce Affective Polarization and Increase Trust
Maiya Nelson, Coon Rapids, MN
- 78** The Digital Bystander Effect: Language Ambiguity and Online Fandom
Saige James-Pasard, Middleton, WI
- 79** The Impact of Natural Resource Dependency on Economic Growth of Central Asian Countries
Binazir Sherbekova, Bishkek, Chuy, Kyrgyzstan
- 80** The Need for Post Quantum Asymmetric Cryptography
Richard Matlock, Superior, WI

UW-WHITEWATER

- 81** Analyzing Differences in Weathered Products Between Icelandic Basalt Samples
Gwenyth Heidinger, Madison, WI
- 82** Characterization of the c isoform of the *daf-16* gene in the parasitic nematode *Brugia malayi*
Cameron Zehr, Whitewater, WI
- 83** Predicting Consensus Ranges in Randomized Graphs in the Presence of Byzantine Faults
Ian Cooper, Stevens Point, WI
- 84** Supporting Student Use and Evaluation of AI Image Generation
Bri Peterson, Blanchardville, WI
- 85** The Makeup of Aardman Animations: Newplast Clay Case Study in STEAM
Sophie Lescamela, Whitewater, WI
- 86** The Making of a Documentary Film on Severe Great Plains Storms
Peyton Walz, New London, WI

UW-Whitewater at Rock County

- 87** Improving distribution records for rare and underreported mayfly species in Wisconsin
Kasey Aceves, Beloit, WI
Kaylynn Bacon, Albany, WI
Regan Hoffman, Evansville, WI

STUDENT PRESENTERS BY WISCONSIN LEGISLATIVE DISTRICT

Legislative District

Senate/Assembly	Student Presenter	University	Poster
1 1	Grace Holschuh	UW-Green Bay	15
1 3	Jack Stecker	UW-Stevens Point	4
1 3	Isabella Pahl	UW-La Crosse	24
2 4	Gabrielle Rizzo	UW-Eau Claire	12
2 4	Katelyn Van Lanen	UW-Green Bay	13
2 6	Leo Liu	UW-Madison	26
2 6	Nathan Edwards	UW-Stevens Point	67
4 12	Ronny Ruedinger	UW-Stevens Point	63
5 13	Mallory Herzog	UW-Madison	31
5 15	Trinity Schreiber	UW-Green Bay	14
5 15	Seyedeh Parnian Vakili	UW-Milwaukee	36
7 19	Erik Collins	UW-Milwaukee	32
7 19	Elizabeth Lappano	UW-Milwaukee	33
7 19	Allyson Ruffino	UW-Milwaukee	35
8 22	James Rhines	UW-Oshkosh	42
8 24	Pangna Yang	UW-Oshkosh	40
9 26	Grafton Smith	UW-Green Bay, Sheboygan Campus	19
9 26	Logan Severns	UW-Green Bay, Sheboygan Campus	19
10 28	Elias Jeska	UW-Stout	5
10 28	Anna George	UW-River Falls	62
10 28	Elizabeth Grove	UW-Stevens Point	64
10 30	Samantha Imes	UW-River Falls	57
10 30	Ruth Kosterman	UW-River Falls	58
10 30	Elena Fuglestad	UW-River Falls	60
10 30	Hayden Banks	UW-River Falls	61
10 30	Evelyn Ashbach	UW-River Falls	62
11 32	Kaydence Korus	UW-Parkside	44
11 32	Anna Becker	UW-Parkside	46
12 34	Louis Malais	UW-Stout	73
13 37	Luke Diljak	UW-Platteville	50
13 38	Carley Nehls	UW-Platteville	52
14 40	William Royal	UW-Platteville Baraboo Sauk County	56
14 40	Tobin LeFevre	UW-Platteville Baraboo Sauk County	56

Legislative**District**

Senate/Assembly		Student Presenter	University	Poster
14	42	Kyle Pickarts	UW-Oshkosh	41
15	43	Benjamin Zobel	UW-Stevens Point	1
15	43	Cameron Zehr	UW-Whitewater	82
15	43	Sophie Lescamela	UW-Whitewater	85
15	44	Emma Thurner	UW-La Crosse	25
15	45	Regan Hoffman	UW-Whitewater at Rock County	87
15	45	Kasey Aceves	UW-Whitewater at Rock County	87
16	46	Ella Perry	UW-Oshkosh	38
16	48	Cole Lodholz	UW-Oshkosh	6
16	48	Nolan Hegge	UW-Madison	30
17	49	Meg Walker	UW-Eau Claire	2
17	49	Tyler Hendee	UW-Platteville	50
17	49	Connor Gresens	UW-Platteville	52
17	49	Liliana Varela	UW-Platteville	53
17	49	Morgan Williams	UW-Platteville	53
17	49	Nick Baker	UW-Platteville	54
17	49	Ciara Settles	UW-Platteville	55
17	50	Anthony Fuchs	UW-River Falls	59
17	50	Rebecca Gill	UW-River Falls	60
17	50	Bri Peterson	UW-Whitewater	84
17	50	Kaylynn Bacon	UW-Whitewater at Rock County	87
17	51	Michael Thompson	UW-Green Bay	18
17	51	Gianna Cisneros	UW-Platteville	53
18	52	Seng Yeng Lee	UW-Oshkosh	40
18	52	Fletcher Meyer	UW-Stout	69
18	53	JoAnn Breier	UW-La Crosse	3
18	54	Fen Stephan	UW-Platteville	50
19	55	Ella Schaefer	UW-Green Bay	18
19	55	Sheldon Schroeder	UW-Oshkosh	43
19	56	Peyton Walz	UW-Whitewater	86
19	57	Tanik Pontzloff	UW-Stevens Point	68
20	58	Gillianne Wagner	UW-Platteville	51
20	59	Claire Bassett	UW-Green Bay	16
20	59	Nick Scharschmidt	UW-Platteville	50
21	61	Shaun Harrington	UW-Milwaukee	34
21	62	Clare Halladay	UW-Parkside	48
22	64	Andrew Malacara	UW-Parkside	4
22	64	Jonas Waller	UW-Parkside	45

Legislative**District**

Senate/Assembly		Student Presenter	University	Poster
22	64	Tyrek Jackson	UW-Parkside	45
22	65	Jacob Herwig	UW-Oshkosh	39
22	65	Angelina Palmer	UW-Parkside	47
22	65	Bayleigh Tienhaara	UW-Parkside	48
22	66	Megan Bahr	UW-Parkside	49
23	68	Megan vanDoorn	UW-Green Bay	14
23	69	Anna Lindner	UW-Eau Claire	8
24	71	Hannah Kay Cantin	UW-Stevens Point	4
24	71	Erin Tschida	UW-Stevens Point	63
24	71	Sam Coleman	UW-Stevens Point	64
24	71	Brandon Shoen	UW-Stevens Point	65
24	71	Ian Cooper	UW-Whitewater	83
25	73	Rachel Taylor	UW-Superior	75
25	73	Kidest Seabhatleabe Mitiku	UW-Superior	76
25	73	Maiya Nelson	UW-Superior	77
25	73	Binazir Sherbekova	UW-Superior	79
25	73	Richard Matlock	UW-Superior	80
25	74	Cole Kupsch	UW-Madison	4
26	77	Adina Kurzban	UW-Madison	27
26	78	Brody Dion	UW-La Crosse	23
26	78	Joe Binzley	UW-Madison	28
26	78	Danika Wanish	UW-Madison	29
27	79	Lian Lewis	UW-La Crosse	21
27	79	Sam Watson	UW-Stevens Point	63
27	79	Gwenyth Heidinger	UW-Whitewater	81
27	80	Natalie Diller	UW-Madison	4
27	81	Saige James-Pasard	UW-Superior	78
28	82	Olivia Turks	UW-Eau Claire	9
28	83	Carissa Maske	UW-La Crosse	3
28	84	Elyse Upthagrove	UW-Parkside	4
28	84	Grace Lundie	UW-La Crosse	22
29	86	Rebecca Smith	UW-Stevens Point	66
30	88	Baleigh Harmon	UW-Green Bay	15
30	88	Oli Pierce	UW-Milwaukee	37
30	89	Maritza Lopez	UW-Green Bay	17
30	89	Nilyne Vang	UW-Green Bay	17
30	90	Alison Wagner	UW-Green Bay	13
30	90	Raquel Botbyl	UW-Green Bay	14
30	90	Maranda Heath	UW-Green Bay	15
30	90	Natalie Ponce	UW-Green Bay	18

Legislative**District**

Senate/Assembly	Student Presenter	University	Poster
31 91	Audrey Wood	UW-Eau Claire	9
31 91	Cooper Priebe	UW-Eau Claire	11
31 91	Cayanna Erickson	UW-Stout	70
31 92	Chloe Kaneski	UW-Stout	69
31 92	Lauren Ras	UW-Stout	71
31 92	Helayna Brown	UW-Stout	72
31 92	Ella Kemp	UW-Stout	72
31 92	Reese Hufnagel	UW-Stout	74
31 93	Amelia Lyons	UW-Eau Claire	7
31 93	Kylie Starren	UW-Eau Claire	8
31 93	Wenxi Zhang	UW-Eau Claire	10
31 93	Yiting Xu	UW-Eau Claire	10
31 93	Allana Valiente	UW-Eau Claire	11
32 95	Nainil Mukesh Jariwala	UW-La Crosse	20



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