



UB RISE 2023 OUTCOMES REPORT
June 15, 2023

TABLE OF CONTENTS

EXECUTIVE SUMMARY	3
UB RISE BY THE NUMBERS	4
WELCOMING REMARKS	6
POSTER GALLERY VISIT	7
KEYNOTE SPEAKER	7
POSTER FINALIST LIGHTNING ROUNDS	8
LUNCH & SPONSOR DISPLAYS	9
ORAL PRESENTATIONS	11
AWARDS CEREMONY	15
CLOSING REMARKS	16
RECEPTION	17
APPENDIX A: HIGH SCHOOL STUDENTS POSTER CATEGORY	19
APPENDIX B: UNDERGRADUATE STUDENTS POSTER CATEGORY	20
APPENDIX C: MASTER’S STUDENTS POSTER CATEGORY	21
APPENDIX D: DOCTORAL STUDENTS POSTER CATEGORY	22
APPENDIX E: RISING EDUCATION SCHOLAR & RISING ENGINEERING DOCTORAL STUDENT ...	23
APPENDIX F: COMMERCIAL POSTER PRIZE	24
APPENDIX G: FACULTY COMPETITIVE POSTER CATEGORY (SOCIAL SCIENCES)	26
APPENDIX H: FACULTY COMPETITIVE POSTER CATEGORY (STEM)	27
APPENDIX I: UB RISE POSTER LIST	28
APPENDIX J: UB OFFICE OF ADVANCEMENT AUCTION	39
APPENDIX K: SUMMARY OF DONATIONS/CONTRIBUTIONS	41
APPENDIX L: SPECIAL THANKS PAGE	42

EXECUTIVE SUMMARY

On March 24, 2023, the University of Bridgeport, Inc. held its inaugural Research, Innovation, Scholarship, Entrepreneurship (UB RISE) event on campus. The event was a rebranding and expanding of the past 12 years of Faculty Research Day (FRD).

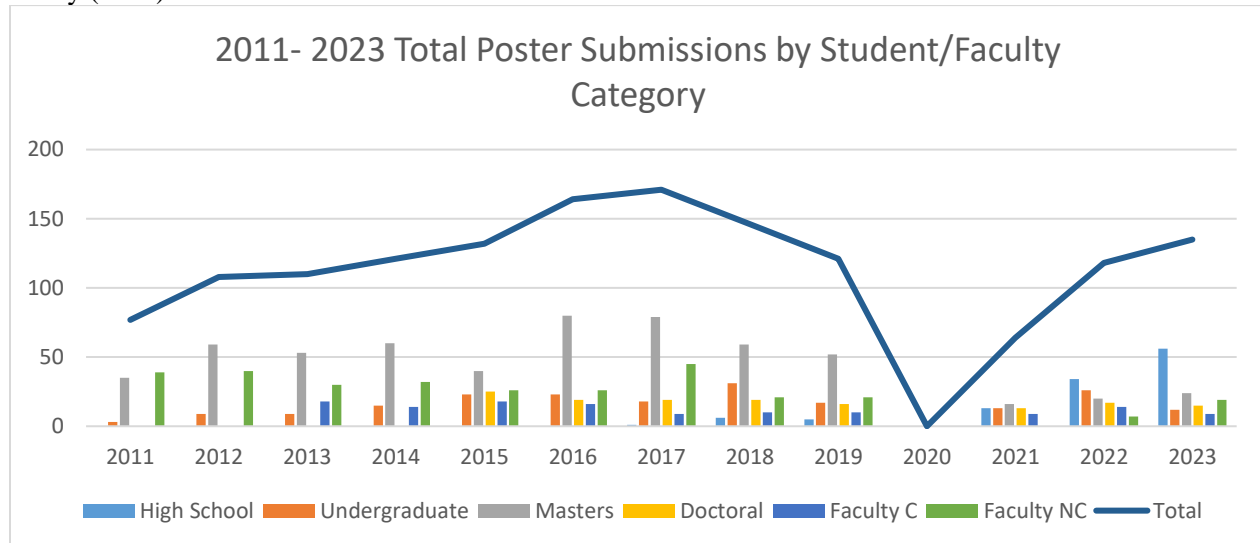


Figure 1.

Like FRD, we continued to showcase UB's research activities. You will note that our **student poster categories** expanded from just undergraduate and masters to include doctoral posters in 2015; and high school posters in 2018 (this coincided with the beginning of our Dual Enrollment/Early College Credit Program where students earn college credit)¹. For 2023, UB RISE allowed us to showcase our innovators, scholars and entrepreneurs. (See Figure 1.)

We are proud of UB RISE 2023's accomplishments because we were able to engage

- Student Clubs to assist with event planning and sponsorship;
- Alumni to share their experiences, encourage conversations with students, to serve as poster judges and sponsors;
- Industry Advisory Board members as judges and sponsors;
- Manufacturing Executives to be strategic partners and to bring new discoveries to market;
- GU colleagues to promote Universal Design for Learning/Advanced Manufacturing Programs, poster authors/judges – For 2024, we will be entertaining the possibility of inviting collaborations with GU students in the Master of Public Health, Master of Education, and Advanced Manufacturing Programs.
- Book authors to promote their work and raise funds for future UB RISE events; and
- High School partners to expose them to UB's faculty expertise and student advised projects.

Together, we are **Re-Imagining Student Experiences** and invite you to review UB RISE's outcomes in the following pages!

We extend our thanks to Drs. Michael Ciolfi, Kitty Engelmann, Maria Gherasimova, and Kevin Kelliher; staff/alumni from the Class of 2016 Rebecca Bruckenstein and Yvrose Romulus, UB Alumni Association President Bill Moran ('74) and Goodwin University's Dean Cliff Thermer for their feedback on this report. We are grateful they took the time to provide comments. Lastly, we are especially grateful to President Wilken and Provost Im for supporting the day's event as well as for their leadership and guidance!

Joanna Badara, PhD., Chair, 2023 UB RISE Committee
Julie Flores Demers, CRA, Co-Chair

¹ In 2020, an event was not held because of Covid-19. And, in 2021, FRD was 100% virtual. In 2022, we showcased our Goodwin University (GU) faculty's research activities.

UB RISE BY THE NUMBERS

ATTENDEES = 376²

242 UB Faculty/Students/Staff/Alumni

134 Non-UB Guests³

POSTER JUDGES = 60

25 UB/GU Faculty

6 UB Staff

22 UB Students

7 UB Alumni

FACULTY POSTER ADVISORS = 41

68% College of Engineering, Business, Education

10 % College of Health Sciences

22% College of Science and Society

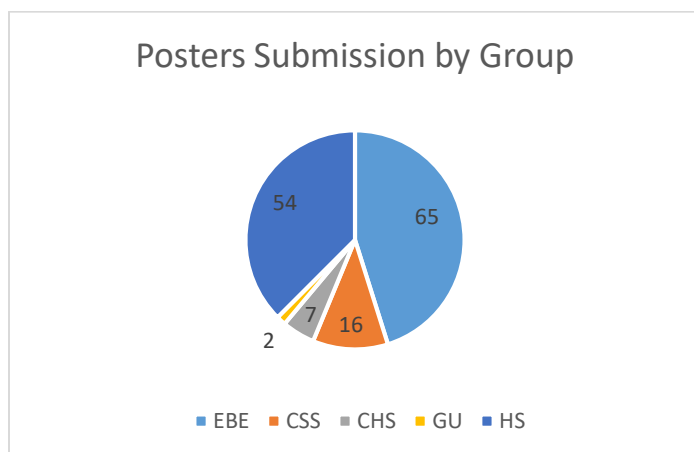
UB RISE COST = \$31,452.57

66% UB Support

34% Non-UB Support

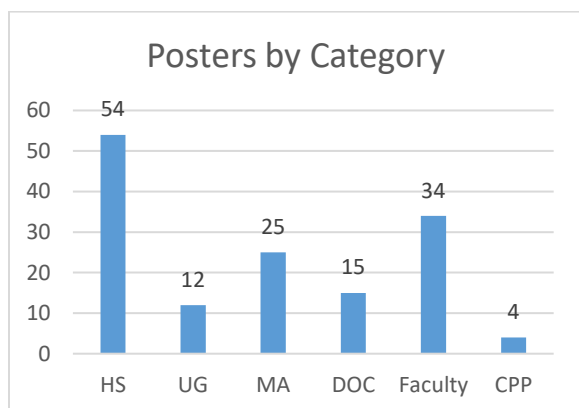
UB RISE REVENUES = \$15,553.38⁴

POSTERS SUBMITTED = 144⁵



College of Engineering, Business, and Education (EBE)	45.1%
College of Science and Society (CSS)	11%
College of Health Sciences (CHS)	5%
Goodwin University (GU)	1%
High Schools (HS)	37.5%

Figure 2. See breakdown of poster submission by groups on right.



Poster Category	# of Posters	# Showcase	# Competitive
High School	54	26	28
Undergraduate	12	7	5
Masters	25	11	14
Doctoral	15	11	4
Faculty	34	25	9
Commercial Potential	8	4	4

Figure 3. See breakdown of poster category on right.

² This includes those who pre-registered, walked-in, attended via Zoom. Only 14 attended virtually.

³ Guests were Goodwin University faculty/staff and high school students with their teachers, Industry Advisory Board members, Southwest CT Manufacturing Partner Executives.

⁴ See Appendix K:SUMMARY OF DONATIONS/CONTRIBUTIONS on page 41 for details.

⁵ Posters are on display on UB's RISE [webpage](#) and at [UB ScholarWorks](#).

SOCIAL MEDIA OUTREACH ⁶

PLATFORM	FREQUENCY	LIKES/ENGAGEMENT/COMMENTS/SHARES	PEOPLE REACHED
FACEBOOK	FEBRUARY 7, 15	46/85/2/4	3,257
	MARCH 1, 7, 21, 27	156/123/2/9	4,935
	APRIL 23	23/111/5/1	1,582
LINKEDIN	FEBRUARY 7, 15	75/-/2/18	N/A
	MARCH 7, 21	273/-/14/9	N/A
TOTAL		550/208/20/40	8,192



Research is the learning and discovery of new knowledge and greater understanding of complex challenges in many different disciplines and fields. The research that is exhibited at UB RISE is meant to further the academic fields that our students study and our faculty teach. We are proud to contribute to a tradition of scholarly research that advances our collective knowledge and brings about even further

Academic **innovation** is an interdisciplinary term, which simply means a new way to do things. The innovation showcased at our UB RISE event will highlight changes that can improve administrative or scholarly performance, or advances in new perspectives or ways of thinking.

Scholarship describes the research and thinking done at a high academic level, and the knowledge and learning acquired during the process. UB RISE will showcase our students' and faculty's scholarship, which contributes to the knowledge in particular fields by sharing new research findings, theories, analyses, insights, etc. These scholarly sources are considered expert and academic materials, and UB is proud to highlight them.

At UB, **Entrepreneurship** is the creation of new businesses, as well as assisting in the growth of current businesses in industries including technology, retail, food and beverage, health services and travel. The Bauer Hall Innovation Center houses the Student Entrepreneur Center and supports students in formalizing their business idea, developing business models, and converting to the business phase. UB RISE is excited to showcase our recent advancements in Entrepreneurship.

⁶ Data provided by Carling Willis, Senior Marketing Coordinator, from Goodwin University's Marketing and Communications.

WELCOMING REMARKS

UB RISE began with attendees checking-in and enjoying a continental breakfast - sponsored by **UB's Student Government Association (SGA)** - of assorted pastries, fruit and beverages while **UB Steel's** twelve-member student group (directed by Russell Fisher) played music in the John J. Cox Student Center's Social Room.

UB RISE's organizing committee Chair, Dr. Joanna Badara, who is also the Director of the School of Education's EdD in Educational Leadership program, welcomed the in-person and virtual attendees. "We are extremely happy to welcome everyone to our inaugural event," Dr. Badara remarked before introducing UB's President Danielle Wilken.

President Wilken began by reflecting on her opening remarks at Faculty Research Day last year where she asked "Why we do research?" This year she wanted to focus on the frustrations of doing research and the journey, "The growth is in the challenge, the frustrations and hitting the wall when the research is not going well." She continued that when one perseveres and overcomes these challenges, they pick up valuable skills and better insights that will eventually benefit the academic field and broadly impact society. UB's RISE represents and showcases our researchers, innovators, scholars and entrepreneurs who have overcome their discipline specific challenges and now want to share it with you all!

Provost Manyul Im had the distinct honor of presenting to Dr. Kathleen Engelmann, Dean of the College of Science and Society, a plaque to commemorate her visionary leadership in creating Faculty Research Day which began twelve years ago. In addition, Provost Im recognized Dr. Khaled Elleithy, Dean of the College of Engineering, Business and Education, for continuing the tradition during a pandemic and acquisition.



Pictured top row left to right: President Danielle Wilken, EdD and Dr. Joanna Badara welcoming everyone.
Pictured bottom row left to right: Provost Manyul Im, PhD, Deans Kathleen Engelmann, PhD and Khaled Elleithy, PhD
with their recognition of service plaques.

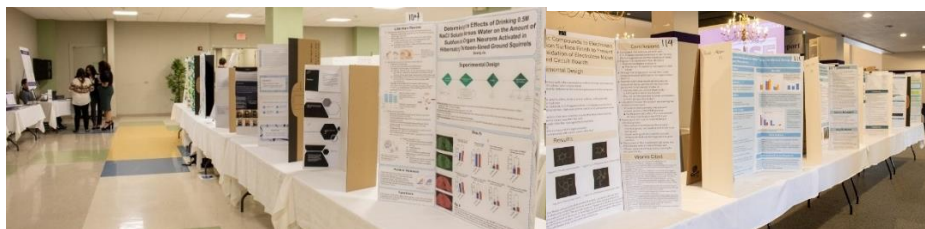
POSTER GALLERY VISIT

Students, faculty, and guests bustled around the Student Center's **Social Room** (which showcased 85 posters from the College of Engineering, Business and Education as well as the Faculty Competitive Posters) and **Great Room** (which displayed 59 posters from the Colleges of Health Sciences, Science and Society and Goodwin University) to preview the posters and question the researchers. Within the two rooms, 54 high school students' posters were displayed.

Posters ranged in topic from AI technology from the **Ernest C. Trefz School of Business** Professor **Congsheng Wu's** poster "*ChatGPT Easily Passed My Finance Exam: What Should We Do About It?*" and Master's student **Shreya Shrestha's** poster (Advised by Dr. Michael Lohle) "*C for ChatGPT! C for Cheating?*" to the **College of Health Sciences Physician Assistant Institute's** Master's student Raquel Delgadillo's "*Effect Of Gender-Affirming Hormone Therapy On CVD Risk In Transgender Women,*" and **Fones School of Dental Hygiene's**⁷ undergraduate student team – **Leslie Zeller, Arismelba Rosario Osoria, Trevor Small, Evelyn Ramirez** (Advised by Sandra Stramoski '10) – presenting on "*Forensic Odontology and the Dental Hygienist: Giving Life to All That Remains*".

From the **College of Science and Society**, the majority of the posters were submitted by faculty on topics like the **Psychology Department's** Chair **Dr. Elizabeth Fles'** "*Demonstration Bias: Does Freedom of Speech Apply to Black Protestors;*" **English Department's** Chair and published author, **Amy Nawrocki's** "*Grief, the Creative Process, and the Making of a Poem;*" and Assistant Professor of **Criminal Justice and Human Security** **Dr. Turgay Karagoz's** "*An Examination of the Police-Amazon Ring Partnerships and Their Impact on Burglary.*" One Master's student in Criminal Justice, **Felipe Ospina** (Advised by Drs. David Oberleitner and Turgay Karagoz) submitted a poster entitled, "*The Application of Theories in Criminology to Understand the Causes of Juvenile Delinquency and Effectiveness of Prevention Methods.*"

From Goodwin University, two posters were submitted. One poster was by **Karrie Morin** of the School of Applied Liberal Arts and Social Science on the topic, "*Goodwin University Community Conversations 2022-2023*" and the other by Health Science & Public Health's faculty, **Lisa I. Fanelli**, on "*Age Friendly University Initiative: A Collaborative Journey for 2 Universities.*"



Visitors previewed posters in both the John J. Cox Student Center's Great Room and Social Room.

Faculty competitive poster winners, Drs. Kathleen Wallace from the School of Education and Md Khabir Uddin from the Chemistry Department focused on "*Rooting Teacher Preparation and Assessment in Equity*" and "*Cancer Chemopreventive Action by the Monomethylated Metabolite of Oltipraz*" respectively.

A complete list of poster submissions can be found [here](#) or in Appendix I.

KEYNOTE SPEAKER

Dr. Joanna Badara reconvened the attendees and then introduced **Dr. Kelli-Marie Vallieres**, Chief Workforce Officer/ Commissioner State of CT Office of Workforce Strategy, Vice Chair Governor's Workforce Council. Dr. Vallieres, took

⁷ Established in 1949 and accredited since 1953, the Fones School of Dental Hygiene at the University of Bridgeport is the first school of dental hygiene in CT — and the world.

the stage in the Social Room and began with her personal story before launching into her formal presentation, “*Creating Opportunities for Prosperity: Building a Cohesive and Inclusive Workforce Development Ecosystem.*”

Thanks to Goodwin University’s **Melanie Hoben**, Director of Workforce Development, UB was able to invite Dr. Vallieres to share her experience as an entrepreneur and her journey to government leadership. She shared Governor Ned Lamont’s vision for workforce development in a video embedded in her presentation. An audience member asked about getting more information about the regional sector partnerships and Dr. Vallieres shared the CT.gov [link](#) to CAREERCONNECT. Dr. Vallieres ended her talk with tips of a “successful journey” – define your vision and purpose; be persistent, be brave, be a life-long learner, find a balance and pay it forward.



Pictured above left to right: Dr. Joanna Badara, Dr. Kelli-Marie Vallieres (Keynote Speaker), Goodwin University’s Melanie Hoben, Director of Workforce Development and Dr. Charles McGinnis Senior Director of Continuing Education

POSTER FINALIST LIGHTNING ROUNDS

The audience was invited to visit Carlson Hall to listen as moderators and faculty and alumni panel members asked each poster category finalist about his/her research. Students had five minutes each to respond to the panelists’ questions. The list of finalists and poster names can be found in Appendices A-D.

High School Poster Category

In Room 252, Dean of the College of Science and Society, **Kathleen “Kitty” Engelman**, PhD, served as the moderator. The panelists were **Arlene Gottesman** (’75), **Scott Hughes** who serves as Director of Libraries for both the University of Bridgeport and Goodwin University, as well as the Dean of Students **Craig Lennon**. The room was filled to capacity as six (instead of five) finalists were interviewed.

Undergraduate Poster Category

In Room 253, **Dr. Elizabeth Fles**, the Psychology Department Chair, moderated the panel that was comprised of **Lorraine Taylor** (’76), **Dr. David Oberleitner**, Director of the Division of Behavioral Sciences (participating via Zoom), and **Amanda Chan**, Director of Student Academic Success. The students were enrolled in the School of Engineering, Chemistry Department and Fones School of Dental Hygiene.

Masters Poster Category

In Room 152, **Rebecca Bruckenstein** ('16) served as the moderator. The panel members were **Susan Ferency**, Assistant Professor in the Medical Laboratory Science Program, **Adejoke (Christianah) Ifafesobi** ('23), and **Dr. Natalia Belfiore**, Director of the Biology Department's Graduate Program. The finalists hailed from the School of Engineering's Master's degree programs in Biomedical Engineering, Electrical Engineering, Computer Engineering and the Ernest C. Trefz School of Business's Technology Management. Ms. Bruckenstein noted that the conversations were both motivational and engaging as each finalist provided more insights about their research. The room was filled with 15-20 participants including one family who logged in via ZOOM despite some issues with the technology.

Doctoral Poster Category

In Room, 153, **Dr. Kathleen Wallace** ('20), Director of Teacher Preparation and Accreditation Coordinator in the School of Education, was the moderator. The panel members were **Dr. Patricia Mulcahy-Ernt**, Director of the School of Education, and alumn **Dr. Sean Heffron** ('22) and **Dr. Isaac Macwan** ('08, '14). Dr. Wallace noted that 20 people attended (15 in person and 5 on Zoom) and she was impressed that at the doctoral level, there was a broad representation of the doctoral programs – the School of Engineering's Artificial Intelligence, Computer Science & Engineering and Technology Management; School of Education's Educational Leadership EdD Program, and School of Chiropractic's DC Program.

Concurrently, SW CT Manufacturing Executives – Amphenolrf, ASML, ITW, and Kuchma Corporation- were invited to visit UB's Engineering Laboratories for private appointments. UB's Lab Engineer, **Mohammed Aljamal**, arranged for lab tours in the Engineering & Technology Building and **Fred Ferraro**, UB's Biological Safety Officer and Laboratory Manager arranged for tours of the Collaborative Biomedical Research Center Lab at Charles Dana Hall. The public were encouraged to visit **Goodwin University's Advanced Manufacturing Mobile Training Lab** located in the Pedestrian Mall. The mobile lab made its appearance thanks to **Dr. Cliff Thermer**, Dean of the School of Business, Technology and Advanced Manufacturing, **Guy LaBella**, Director of University Relations, and **Scott Kennedy**.

LUNCH & SPONSOR DISPLAYS

At the Marina Dining Hall attendees enjoyed lunch and listened to music played by UB Fusion Ensemble (directed by Russell Fisher). In addition, attendees were able to converse with UB's **Student Entrepreneurship Center** Director Sherri Dente, **UB Coffee Company (UBCC)** Business President/CEO and current Master's student Shivakantha Naganai, **UB Fones Dental Hygiene's** faculty Amanda Sargent and students Jessica Damian and Daneshka Cantres-Vega. Representing our business sponsors, **Pepsico** provided free samples of **Celsius** energy drink and the **Entrepreneurship Foundation** and **Mags and Marelli** provided information about the upcoming [Careers in Manufacturing Expo 2023](#) at the Housatonic Community College on Thursday, May 4 from 10:30-2:00.



Pictured above are logos of UB Clubs (top row) and external business sponsors (bottom row).

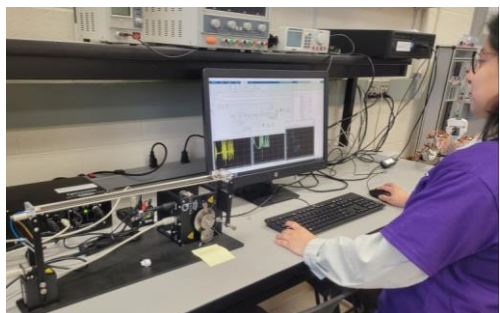
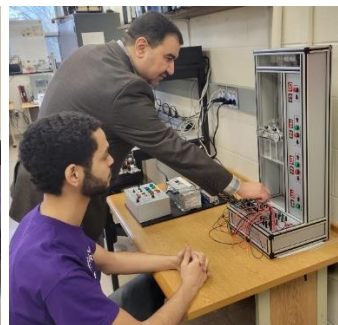
Meanwhile, the high school participants enjoyed a 6-foot long sandwich, chips, cookies and refreshments in the John J. Cox Student Center Lower Level so that they could mingle with members of the **Biology Club** (Ryan Doan, Alyna Nguyen, and Aaron Caldwell); or talk to **Admissions Officers** (Amy Borruso and Jessica Clark); or **UB Fones Dental Hygiene** students (Chyna Belle Ranger, Tavysla Walker, Emily Johnson, Steven Williams); or UB's **School of Education** Professor, Tonya Chacon, EdD.

Later the students were able to socialize over bowling at “**The Alley**” and billiards thanks to David Graham Director of Campus Recreation & Wheeler Recreation Center. Students also had the option to play basketball or ping pong at the Wheeler Recreation Center.

After lunch attendees had the option to visit **Goodwin University's Advanced Manufacturing Mobile Training Lab**. Goodwin University's Dean, School of Business, Technology, and Advanced Manufacturing Dr. Thermer reported that about 100 visitors checked out the lab during the event. He shared that the lab brings necessary training for skills to: employers for workforce development; high school students, who can earn college credit in manufacturing; middle school students, inspiring young “makers” to become part of the next generation's workforce; and the community, to share information on the awesome opportunities for great careers in manufacturing. More information about booking the lab for 45- to 90-minute Manufacturing in Motion sessions can be found [here](#).

And, our High School Dual Enrollment students were invited to laboratory tours in the Engineering and Technology building:

- **Wireless Mobile Communication Laboratory** – Students were shown the types of equipment needed to conduct research on wired/wireless signals and systems that operate at a frequency up to 10 Gigahertz.
- **Signal Processing Lab** – Students could see projects in speech processing, biomedical signal, and image processing.
- **Controls & Automation** -Students could see projects that use programmable logic control systems (PLCs). The PLCs concepts provide the basis for future learning in the field of automation.
- **3-D Printing Lab** – Students could see examples of 3-D printed products that are built here.





Top Row Pictures: Sushmitha Manchinella, Sushma Gudi, Saleh Alamri, Dr. Ahmed El-Sayed ('11, '16), Anass Saoudi

Center Row Pictures: Thania Garcia Flores ('21), Dr. Navarun Gupta, Rashad Tahiru, and Vamsi Sai Sripada

Bottom Row Picture: First Row: UB Mechanical Dog and Thania Garcia Flores

Second Row: Zain Alrahmani, Mohammed Aljamal ('21), Saleh Alamri, Vamsi Sai Sripada, Chaithanya Ranga Prasad
Dokala, Hamed Allshammari

Last Row: Sushmitha Manchinella, Sushma Gudi, Jahnvi Penmetsa, Snehal Salagala, Veera Pratap Reddy, Hug Huong,
Anass Saoudi

ORAL PRESENTATIONS

Dr. Maria Gherasimova, Chair of the Physics Department, along with **Rebecca Bruckensten** ('16), Academic Advisor in the Heckman Center, moderated the concurrent afternoon oral presentations where select students and faculty from various disciplines provided compelling presentations on a variety of research topics. There were also state community partner presentations about CT's manufacturing industry.



After lunch, participants listened to panelist on a variety of topics at either the John J. Cox Student Center Social Room (photo on left) or the Engineering and Technology Building (photo on right).

RESEARCH & SCHOLARLY ACTIVITIES ELEVATE THE STUDENT EXPERIENCE

“The Sage on the Stage Should Drink the Hemlock - UDL Theory and Practice”

Dr. Randy Laist, Professor of English at UB and Goodwin University (GU), served as the moderator. The panel members from UB were **Latoya Maxwell**, RN-BC-Lab/Simulation Coordinator and an Assistant Professor at the School of Nursing, **Dr. Elizabeth Haas**, Director of General Education Seminars and Chair of UB’s Honors Program. From GU, **Annjanette Bennar**, Senior Teaching Fellow of UDL, and **Dr. Ellen Swider**, Director of the History, Humanities, and Spanish.

The panelists were excited to share how Universal Design for Learning (UDL) helped them re-center the learner as the priority, how the UDL program helped build camaraderie, and how they redesigned their lessons to work smarter and not harder. For example, one faculty used TikTok to teach ethical dilemmas or Dr. Swider allowed students to curate art experiences. These captured the students’ interests and allowed them to be creative in their learning to better their understanding of key concepts.

“From Micro to Macro: How UB’s Clinical Mental Health Counseling Program is Changing Bridgeport and the United States”

The panel was comprised of **Dr. Fredrick Dombrowski**, Assistant Professor in the Clinical Mental Health Counseling, and **Sergeant Juliet Taylor** (’19, ’21).

Dr. Dombrowski began his presentation by stating, “My goal is that the people receiving services from our UB students are getting the best possible services because ultimately we have to protect the people.” He then called upon Sergeant Taylor to share her role in providing quality care after graduation.

“UB Federal Grants Foster Student Achievement and Experiences of a Lifetime”

The panel was moderated **Dr. Buket Barkana**, Professor of Electrical Engineering and Director of the Signal Processing Research Group. The panel members were **Dr. Jani Macari Pallis**, Mechanical Engineering Professor, and students **Michael Afolabi** (’23), **Huy Huong** (’25), **Thania Garcia Flores** (’21), and **Karen Garza** (’24) who spoke of their experience. Drs. Barkana and Pallis secured major federal grants – National Science Foundation and Department of Navy and NASA grants – that provide students with real world experiences through engineering research projects.

Dr. Barkana started the panel asking what skills have students acquired as a result of their NSF Project Achieve and Department of Navy NUSTEM experience. The students responded that they have improved their tech skills (e.g. Solid Works) and soft skills (e.g. better time management, refined communication skills, and expanded peer network). Next, the students talked about their future plans. Thania mentioned that she is open to pursuing a PhD to further develop her research skills. Karen too is open to research and especially if she can apply mechanical engineering to health sciences. Huy grew up hearing, “It’s not rocket science,” but he believes IT IS ROCKET SCIENCE and he wants to continue in the aerospace field.

Dr. Barkana asked if there was a moment that students surprised themselves. For Thania, she was amazed at the creative ideas their group came up with to tackle problems; Huy was proud of that he got the ground station up and running. Lastly, Dr. Barkana ended the session by having the students answer, “What are some good memories of UB’s School of Engineering?” Karen volunteered by sharing that she had transferred from HCC where she was a Biology major but when she took a Physics class at UB, she fell in love with Engineering. She said attending UB was the BEST decision she made because of the good financial assistance. But most especially, she has found that UB professors are really there to help her feel welcome and offer academic help.

“Adding Value to the Student Experience UB Alumni Association Panel”

The presentation was moderated by **Lorraine Taylor** (’76). Panel members included these UB Alumni **Carmen A. Nieves** (’11), **Jeff Tracey** (’15), **Dr. Lesly J. Valbrun** (’16, ’22), and **Bill Moran** (’74).

The presentation allowed alumni to share their career journey after UB and then offer advice to current students. Each panelist advised that current students take advantage of all social, civic, and service oriented programming on campus to assist in preparing them for their career.

They also shared their fond memories of UB – for Dr. Valbrun, UB’s “melting pot” and diverse student body gave him a better sense of how to communicate with his current patients. An audience member asked the panel, “When faced with anxiety, how did you overcome?” Carmen responded, “The best thing to do is take a step forward and be ready to seek assistance through club involvement or career officers because you are not alone.” Another pearl of wisdom from Dr. Valbrun was, “If you want to be successful, find a problem you can solve. Get involved in your community, use LinkedIn, and look up who you admire and reach out. The more you do to educate yourself, you will then begin to feel more calm.” To wrap up, Lorraine encouraged all students to get involved with the UB Alumni Association because they are here to help!



***Pictured above left to right:** Lorraine Taylor, Bill Moran, Jeff Tracey, Carmen Nieves, Dr. Lesly J. Valbrun*
***NOTE:** For their complete bios please see pages 15-18 in the 2023 UBRISE Speakers booklet located [here](#).*

INNOVATION & ENTREPRENEURSHIP ENRICH THE STUDENT EXPERIENCE

“New Commercialization Resources for CT Innovators and Manufacturers”

This distinguished panel featured external partners as **Bernice Zampano**, Program Manager of CONNEX CT, **Jack Crane**, Strategic Advisor of ConnSTEP, and **Adam Rodrigues**, Vice President of FORGE CT. **Mike Roer** (’08), President of the Entrepreneurship Foundation, served as the moderator.

This panel discussed the plethora of resources the State of Connecticut has to support innovation and manufacturing of goods and materials across the state. The panel provided insight into the way their programs and organizations can support people at different levels of the process.

“UB’s Bauer Hall Innovation Center Launches Entrepreneurs”

Barbara Distasio, moderated this panel which included **Sherri Dente, Esq.**, **John Paul Badara** (’26), **Dr. Thea Marx** (’22), **Kimberly Rose** (’22)

This panel discussed the ways students can become entrepreneurs right here on campus. They highlighted the resources available and discussed involvement in the Student Entrepreneurs Club. They explained what inspired the launch of their businesses or innovations and the way the Entrepreneurs-in-Residence assisted them.

Innovation Center Director, Sherri Dente, shared, “They were informative and interesting to listen to. I think it is always effective to hear people's personal stories and experiences.”

“UB’s [Synergy/Cross Culture](#) with Industry, Business & Higher Education Partnerships

From Goodwin University, **Dr. Clifford “Cliff” Thermer**, and Melanie Hoben

They shared the collaborative and innovative ways the two campuses support industry and business. Additionally, they shared news about the manufacturing center opening on UB’s campus this fall.

In conclusion, the panels in this section were engaging and provided a phenomenal level of support. Attendance varied with a handful to 20 attendees. In retrospect, the sessions could have been recorded in order to document the panelists’ presentations.

Before the announcement of the poster winners, **Julie Demers**, Director of Instruction-Based and Sponsored Research, took the stage to announce the prize winners. The prizes were donated by:

- UB Faculty
 - **Dr. Khaled Elleithy**, Dean of the College of Engineering, Business, and Education, donated hard copy two-volume book of *Innovations and Advances in Computer, Information, Systems Sciences, and Engineering 2013 edition*.
 - **Dr. Tim Raynor**, Director of The Ernest C. Trefz School of Business, donated two bags of medium roast whole bean Arabica coffee from [Café AsoProLa Altamira](#). (Since 2017, UB students and faculty have been working on an economic development project with Costa Rican coffee farmers who grow the beans at 3000 ft. in Altamira, Costa Rica.)
- UB Offices
 - **Sandra Stramoski** (’10), Assistant Professor of the Fones School of Dental Hygiene donated a Water Pik.
 - **Janice Faye**, Clinical Services and Operations Administrator, College of Health Sciences also donated a Water Pik but specifically for one lucky high school attendee.
- UB Alumni
 - **Necas Collins** (’22), President of [BLACC Bottle](#), donated a sleek insulated stainless-steel water bottle.
 - **Mike Roer** (’08), donated a \$25 gift certificate to his Bridgeport-based store – The Emporium. It is a book and record store, coffee and pastry shop, and showcase of student entrepreneurs’ products.
- High School Partners
 - **Kirk Shadle** (’06) donated a \$25 gift certificate to Angie’s at Aqua - the Seafood Market that is run by students at the Bridgeport Regional Aquaculture Science and Technology Education Center.
 - **Cathy Piscitelli** donated a Winter Treat Basket with Amity HS swag and hot chocolate fixings.
- UB Friends (Courtesy of Rebecca Bruckenstein (’16))
 - **Valeria Aloe** donated a copy of her book *Uncolonized Latinas: Transforming Our Mindsets, And Rising Together* which was published in January 2022.
 - **Bill Gilmour** donated a copy of his book *Aftermath of Jennifer Kesse’s Abduction: An Uncle’s Quest for Understanding* was published in January 2023.
- UB RISE Organizing Committee – (Grand Prize) International Basket comprised of a variety of foods from Romania, Guam, Philippines, the US and Switzerland⁸.

Loud cheers erupted as lucky winners were announced and as they collected their treasures.

⁸ Dr. Linda Wagner, Director of the School of Nursing, and the NURS 299 class spent their Spring break on an educational trip where they visited Switzerland and France to develop an increased awareness of global health policy issues. She contributed some Swiss chocolates!



Pictured above left to right: Ralph White, Vice President of BLACC Bottle; Judy Apicella ('22), owner of Bella Alpacas and Home Harvested Herbals were just two of our prize give-away and auction item sponsors.

AWARDS CEREMONY

UB RISE Chair, Dr. Joanna Badara announced the 1st Place, 2nd Place, 3rd Place and Honorable Mentions in the High School, Undergraduate, Graduate, and Doctoral student poster categories. All honorees received an award certificate and UB Bookstore gift cards, courtesy of President Danielle Wilken's Office and Dean of Students Crain Lennon.



Pictured above left to right: President Wilken with Stamford and BRASTEC high school poster winners and Provost Im; Master's student poster winners with Provost Im.

Pictured above left to right: President Wilken with doctoral poster winners and Provost Im.

Two UB faculty, Drs. Kathleen Wallace (School of Education) and Md Khabir Uddin (Chemistry Department) received a \$1,000 cash prize generously donated by Provost Manyul Im.

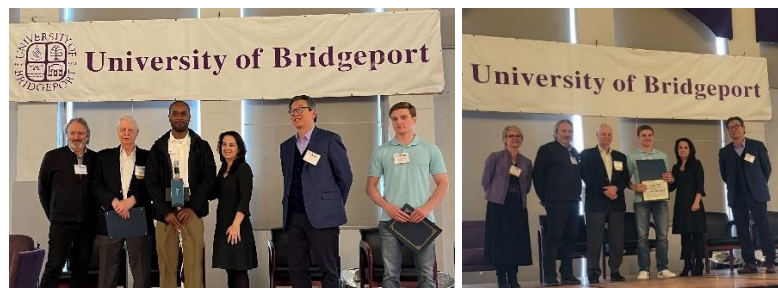
There were *four new poster award prizes*⁹ that were generously donated by faculty and alumni:

- **Alumni Choice Award - \$50** - was sponsored by the UB Alumni Board members Bill Moran ('74), Gordon Stier, Lorraine Taylor ('76), Prof. Hal Tepfer ('78). The prize was awarded to high school, undergraduate, masters and doctoral students who received the fourth highest recognition as determined by the poster judges. [UBAA Donated \$450 and spent \$164.85 for UB RISE 2023; \$285.15 will be used for UB RISE 2024.]

⁹ A total of **\$11,100** was raised by non-UB sources, but only \$10,814.85 was awarded for UB RISE prizes.

- **RISingEducation Scholar Prize - \$150** – was generously donated by Dr. Joanna Badara Director of the School of Education’s Doctorate Program in Educational Leadership. The prize was awarded to an Education doctoral student who received top recognition by the poster judges.
- **RISing Engineering Doctoral Student Prize - \$500** – was generously donated by Dean Khaled Elleithy, PhD, Dean of the College of Engineering, Business and Education. The prize was awarded to an Engineering doctoral student who received top recognition by the poster judges.
- **Commercial Potential Poster Prize– \$10,000** – was generously donated by Mike Roer (‘08) President of the Entrepreneurship Foundation by a panel of external poster judges.

Originally only four posters were submitted to this category but the judges selected four more posters. These eight finalists had the opportunity to interview with a judging panel comprised of **Joe Ziskin**, a member of the UB Industry Advisory Board, **Lance Scott** of Alliance Technologies LLC, and **Mike Roer**. The interviews were held via Zoom on Thursday, March 23 at 2:30. Each finalist had approximately 2 minutes to cover the highlights of their poster, and then answered questions from the judges. Three winners were announced (see Appendix F for details) . One received the top prize of \$5,000 and two received \$2,500 each for their translational research to prepare innovations for the marketplace and that could benefit society.



***Pictured (on left) left to right:** Joe Ziskin, Mike Roer (‘08), Aser Docteur, President Wilken, Provost Im and JP Badara*
***Pictured (on right) left to right:** Dr. Joanna Badara, Joe Ziskin, Mike Roer (‘08), JP Badara, President Wilken and Provost Im.*

All honorees came up to the stage to have their photo taken with UB’s President Wilken, Provost Im and the respective prize donors. The list of awardees and their advisors, are listed and pictured¹⁰ in the following pages.

CLOSING REMARKS

Dr. Badara ended the day by thanking everyone who came. She recognized the financial support from our corporate sponsors: **Pepsico**, the **Entrepreneurship Foundation**, **Home Harvested Herbals** and **Bella Alpaca**.

In addition, Dr. Badara expressed gratitude to the **UB Student Government Association**, **UB Alumni Advancement Board** members, **President Danielle Wilken**, **Provost Manyul Im**, **VP of Finance Bill Guerrero**, **Dean of Students Craig Lennon** provided funding for the day’s event. Dr. Badara thanked UB’s student club members like the **Psychology Club**, **Biology Club**, **African Student Association (ASA)**, and Engineering students who volunteered their time to set up the venue, mingle with high school students and prepare posters for the morning lightning round and afternoon speaker panels.

Dr. Badara thanked our external faculty judges **Dr. Samir Hamada** (‘16) from Central Connecticut State College; **Dr. Vinod Dhar** and **Cynthia Murphy** from Goodwin University; **Drs. Sara Connolly** and **Sean Heffron** (‘22) from Sacred

¹⁰ UB wishes to acknowledge that photographs were taken through out the morning event by Goodwin University’s Geonna Synder. The afternoon photographs were taken by Rebecca Bruckenstein (‘16).

Heart University; and **Dr. Alexandra Guzman** of the University of New Haven – - for taking time out of their busy schedules to evaluate their UB peers.

And, most importantly Dr. Badara recognized all who made this day possible – from the *twenty-three* dedicated faculty poster advisors who tirelessly mentor the next generation of researchers; to the *twenty-nine* UB/GU faculty and staff, *twenty-two* doctoral, masters, and undergraduate students, *eight* alumni, and industry partners who volunteered to review the posters in person and remotely; and lastly, the FRD committee members and numerous staff and students who ensured that day left a lasting impression of UB’s Purple Knights’ researchers, innovators, scholars, and entrepreneurs. The list of sponsors are posted [here](#) and the special thanks are posted [here](#) as well as in Appendix L which has the most recent updates.

RECEPTION

Light refreshments were served in the John J. Cox Student Center’s Great Room where attendees could mingle and learn who won the silent auction prizes (see the complete list of prizes in Appendix J). Thanks to the staff of the Advancement Office **Rob Gerowe**, **Yvrose Romulus** (’16), **Marlon Montanella** (’20), **Alexa Bottoni**, **Adejoke Ifafesobi**, **Deepalakshmi Balaji**, and **Francesca Faura** for organizing the silent auction in-person and online items. UB RISE was able to raise **\$935.00** from the items sold.



Pictured (on left): Janice Faye, Clinical Services and Operations Administrator, College of Health Sciences and Julie Demers, CRA, Director of Instruction-Based and Sponsored Research.

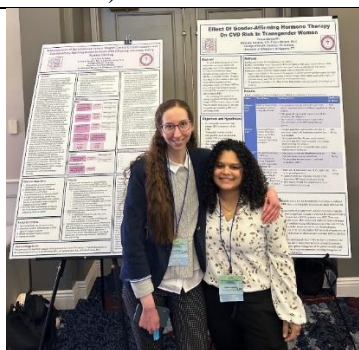
Pictured (on right): Fones School of Dental Hygiene students.



Left: African Student Association club logo with members' names of those who volunteered.

Center: Advancement Office Love Story posters of UB alumni couples and silent auction items.

Right: Biology Club logo with Ryan Doan (Treasurer), Aaron Caldwell (Vice President), Hatchton Laforest (Member), Alyna Nguyen (President)



Pictured (on left): Raquel Delgadillo and Christiana Ready went on to present their posters at the [Connecticut Academy of Physician Assistants](#) Annual Charter Oak Conference on March 26-29 at the Mystic Marriott in Groton.

Pictured (on right): 32 UB students and 8 faculty went on to attend the Zone 1 American Society for Engineering Education (ASEE) conference at Penn State University March 31-April 1, 2023. The Zone 1 ASEE is a larger conference with states from Northeast, Mid-Atlantic and St. Lawrence section participating. Four student posters received awards – see Appendix I, pages 31-32.

APPENDIX A: HIGH SCHOOL STUDENTS POSTER CATEGORY

1st Place – Grace Kistner

Utilizing the Nematocysts of *Cassiopea xamachana* as a Bioactive

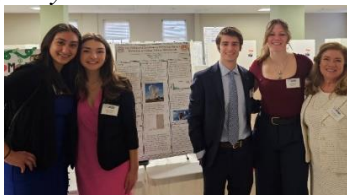
Bridgeport Regional Aquaculture Science and Technology Education Center / Advisor: Kirk Shadle ('06)



2nd Place - Lucia Kempton Molly, Forker Paige, Hochadel, Ryan Shoztic

The Efficacy of Graphene in Preventing Gamma Radiation on Cancer Cells in Microgravity

Stamford High School / Advisor: Susan Dougherty



3rd Place – Adam Liu

Developing a Deep-Learning Algorithm for the Post-Reconstruction of Dynamic Cardiac PET

Amity High School Science Research Program / Advisor: Cathy Piscitelli



Alumni Choice Award - Luhai Tang (FRD 2022 Honorable Mention)

Determining if the Neural Response to Infant Faces (N170, Event-Related Potential Component) Differs Between Expectant Moms and Expectant Dads

Amity High School Science Research Program / Advisor: Cathy Piscitelli



Honorable Mention - Raymond Steward

Which Method of Sharing Information is Most Effective?

Fairchild Wheeler Interdistrict Magnet School – Information Technology & Software Engineering

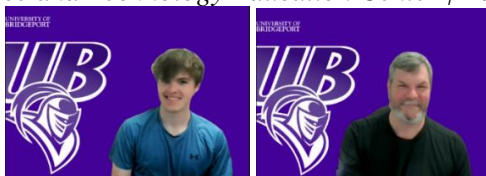
Advisor: Suchith Shantharaj



Honorable Mention - Jack Murray

Disrupting Bacterial Quorum Sensing Systems Through Autoinducer Blocking

Bridgeport Regional Aquaculture Science and Technology Education Center / Advisor: Kirk Shadle ('06)



APPENDIX B: UNDERGRADUATE STUDENTS POSTER CATEGORY

1st Place – Joshua Dykstra, John Keating, Rich Tran

Utilizing IntellaNest Technology for the Study of Collective Behavior in Ants

College of Engineering Business, & Education

School of Engineering / Advisor: Ausif Mahmood, PhD



2nd Place - Ronelle Robinson, Rochaiu Daye

Virtual Screening of Novel Benzimidazole Sugar Analogue With Microtubule Protein as Potent Chemotherapeutic Candidate

College of Science and Society – Department of Chemistry / Advisors: Abu Hossion, PhD

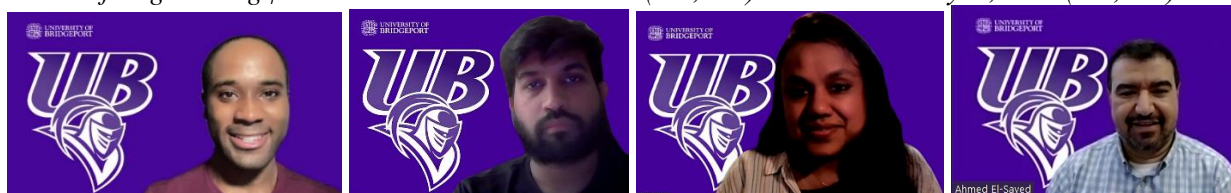


3rd Place – Aser Docteur, Camille Edwin, Syed Ghalib

Smart Cane

College of Engineering Business, & Education

School of Engineering / Advisors: Abhilasha Tibrewal ('00, '01) & Ahmed El-Sayed, PhD ('11, '16)



Alumni Choice Award – Karen Garza, Eric Silva, Angel Menendez, James Poulmas, Tameem Chowdary, Pamela LaJeuness

Drone Design Project in an Undergraduate Research Class using the Affinity Research Group Model

College of Engineering Business, & Education

School of Engineering - Department of Mechanical Engineering / Advisor: Junling Hu, PhD



Honorable Mention - Leslie Zeller, Arismelba Rosario Osoria, Trevor Small, Evelyn Ramirez

Forensic Odontology and the Dental Hygienist: Giving Life to All That Remains

College of Health Sciences

Fones School of Dental Hygiene / Advisor: Sandra Stramoski, MS ('10)



APPENDIX C: MASTER'S STUDENTS POSTER CATEGORY

1st Place – Andres Alcivar Carmigniani, Santiago Ballaz, Haidar S. Ziyad

Effects of Leukocyte-Platelet Rich Fibrin and Nanoporous Scaffolds on Cell Proliferation and Cell Migration

College of Engineering Business, & Education

School of Engineering- Department of Biomedical Engineering / Advisor: Prabir Patra, PhD



2nd Place - Vamsi Sai Sripada, A.V. Pratap Reddy

Autonomous Drone For Crop Monitoring

College of Engineering Business, & Education

School of Engineering - Department of Electrical Engineering / Advisor: Sarosh Patel, PhD ('12)



3rd Place – Anass Saoudi

Applications of Heterogenous Smart Robots in Modern Industry

College of Engineering Business, & Education

School of Engineering - Department of Electrical Engineering / Advisor: Ahmed El-Sayed, PhD ('11, '16)



Alumni Choice - Rajiv Bishwokarma, Mina Gaber Wahba Ibrahim

Design and Simulation of Full-Custom 8-bit ALU

College of Engineering Business, & Education

School of Engineering - Department of Computer Engineering / Advisor: Xingguo Xiong, PhD



Honorable Mention - Karne Pranav Kumar

Impact of Healthcare Industry on US Economy (Diabetes)

College of Engineering Business, & Education

The Ernest C. Trefz School of Business / Advisor: Arthur McAdams, PhD



APPENDIX D: DOCTORAL STUDENTS POSTER CATEGORY

1st Place – Hepseeba Kode

Breast Cancer Diagnosis in Histopathology Images Using Convolutional Neural Networks and Knowledge-Based Approaches (Pending Journal Publication)

College of Engineering Business, & Education

School of Engineering / Advisor: Buket Barkana, PhD



2nd Place – Katherine Brittain

Novice Teacher Self-Efficacy and Reflections on the Student Teaching Experience

College of Engineering Business, & Education

School of Education / Advisor: Kathleen “Kat” Wallace, EdD ('20)



3rd Place – David Bray

Anatomical Variation of the Abductor Pollicis Longus

College of Health Sciences

School of Chiropractic / Advisor: Kevin Kelliher



Alumni Choice Award - Abdulrahman Ali Kariri, Ismaiel Albukhari, Mohammed Aljamal, Jinan Al Aridhee, Nadine Matondo-Mvula

Enhancement of CNNHQ with an Activation Function

College of Engineering Business, & Education

School of Engineering / Advisor: Khaled Elleithy, PhD



Honorable Mention – Ismaiel Albukhari, Abdulrahman Ali Kariri, Mohammed Aljamal, Abdulaziz Alwehaibi

Implementation of the DMAIC Technique on Road Safety

College of Engineering Business, & Education

School of Engineering / Advisors: Khaled Elleithy, PhD & Dan Tenney, PhD ('20)



APPENDIX E: RISING EDUCATION SCHOLAR & RISING ENGINEERING DOCTORAL STUDENT

RISING EDUCATION SCHOLAR PRIZE

(Sponsored by Dr. Joanna Badara, School of Education)

Katherine Brittain

Novice Teacher Self-Efficacy and Reflections on the Student Teaching Experience

College of Engineering Business, & Education

School of Education

Advisor: Kat Wallace, EdD ('20)



RISING ENGINEERING DOCTORAL STUDENT PRIZE

(Sponsored by Dr. Khaled Elleithy, School of Engineering)

Hepseeba Kode

Breast Cancer Diagnosis in Histopathology Images Using Convolutional Neural Networks and Knowledge-Based Approaches (Pending Journal Publication)

College of Engineering Business, & Education

School of Engineering

Advisor: Buket Barkana, PhD



APPENDIX F: COMMERCIAL POSTER PRIZE
(Sponsored by Mike Roer, '08, Entrepreneurship Foundation, President)

\$5,000 Awardee – Aser Docteur Camille Edwin Syed Ghalib

Smart Cane

College of Engineering Business, & Education

School of Engineering | Advisors: Abhilasha Tibrewal ('00, '01) & Ahmed El-Sayed, PhD ('11, '16)



\$2,500 Awardee - Scott Goodman

Robotic Acoustic Musical Instruments that Implement AI to Accompany Live Musicians

College of Engineering Business, & Education

School of Engineering | Advisors: Ausif Mahmood, PhD and Sarosh Patel, PhD ('12)



\$2,500 Awardee – John Paul Badara

HVAC Personal Garment

College of Engineering Business, & Education

School of Engineering – Department of Mechanical Engineering | Advisor: Jani Macari Pallis, PhD



Finalists – Ismaiel Albukhari, Abdulrahman Ali Kariri, Mohammed Aljamal, Abdulaziz Alwehaibi

Implementation of the DMAIC Technique on Road Safety

College of Engineering Business, & Education

School of Engineering / Advisors: Khaled Elleithy, PhD & Dan Tenney, PhD ('20)



Mohamed Mohamed

Commercializing Self Sanitized Carts for Shopping and Airport Luggage

College of Engineering Business, & Education

School of Engineering / Advisors: Khaled Elleithy, PhD



Anusha Upadhyay, Akshay Sai Chalise, Babin Khanal, Bishmita Tamang, Prashant Bishesh Khanal, Swastika Shrestha, Tribhuwan Tiwari, Rameshwar Adhikari, Mishal Pokharel

Hydrogel Films of Chitosan and Keratin for Enhanced Wound Healing

College of Engineering Business, & Education

School of Engineering / Advisor: Prabir Patra, PhD



Anass Saoudi

Applications of Heterogeneous Smart Robots in Modern Industry

College of Engineering Business, & Education

School of Engineering - Department of Electrical Engineering / Advisor: Ahmed El-Sayed, PhD ('11, '16)



Vamsi Sai Sripada, A.V. Pratap Reddy

Autonomous Drone For Crop Monitoring

College of Engineering Business, & Education

School of Engineering - Department of Electrical Engineering / Advisor: Sarosh Patel, PhD ('12)



APPENDIX G: FACULTY COMPETITIVE POSTER CATEGORY (SOCIAL SCIENCES)

Distinguished Faculty Competitive Award – Kathleen “Kat” Wallace, EdD ('20)

Rooting Teacher Preparation and Assessment in Equity

College of Engineering Business, & Education - School of Education



Finalists

Mya Scarlato, EdD

Remixing the National Anthem: Toward 'Plastic' Concepts of American Identity

College of Science and Society – Department of Music

College of Engineering Business, & Education - School of Education



Claude E. P. Mayo

Edge of Extinction: The COVID-19 Lived Experience of National Pan Hellenic Council Fraternity Presidents

College of Engineering Business, & Education

School of Education / Co-Authors: Alade S. McKen, PhD and Ebonee Mayo-Mitchel, PhD



Honorable Mentions

Randy Laist, PhD

Time/After-Time: Modes of '80s Nostalgia

College of Science and Society | Arts and Humanities - English

Goodwin University's School of Applied Liberal Arts and Social Sciences



Eric Lehman, MA

Letters as Literature: Reclaiming a Lost Art Form

College of Science and Society | Arts and Humanities – English



APPENDIX H: FACULTY COMPETITIVE POSTER CATEGORY (STEM)

Distinguished Faculty Competitive Award – Md Khabir Uddin, PhD

Cancer Chemopreventive Action by the Monomethylated Metabolite of Oltipraz

College of Science and Society

Department of Chemistry | Co-author: James C. Fishbein, PhD



Finalists

Michael Lohle, PhD

Is Technology Scary? Student Perceptions of Analytics Content in Graduate Core Courses

College of Engineering Business, & Education

The Ernest C. Trevez School of Business



Linda Wagner, EdD, MSN, RN

Disaster Relief Nurses: Exploring the Impetus to Respond to Multiple Efforts

College of Health Sciences

School of Nursing

Co-Author: Stacy Christensen, APRN, DNP, Central Connecticut State University



Honorable Mention

Xingguo Xiong, PhD

Rotaxane for Molecular Electronics Applications

College of Engineering Business, & Education

School of Engineering

Co-Authors: Prabir Patra, PhD, Peiqiao Wu, PhD ('22). Bhushan V. Dharmadhikari, MS, PhD ('09, '15)

Minnesota State University, Mankato



APPENDIX I: UB RISE POSTER LIST

Key: **FC:** Faculty Competitive **FNC:** Faculty Non-Competitive, **DOC:** Doctoral, **MA:** Master's, **UG:** Undergraduate, **HS:** High School, **CP:** Competitive Poster, **SP:** Showcase Poster, **CPP:** Commercial Potential Poster

All virtual posters will appear on [UB ScholarWorks](#) - this is a digital service that collects, preserves, and distributes digital scholarship materials produced by the University of Bridgeport and its faculty and students.

COLLEGE OF ENGINEERING, BUSINESS AND EDUCATION SCHOOL OF ENGINEERING

ARTIFICIAL INTELLIGENCE					
Poster #	Name	Poster Title	Status	Co-Authors	Advisor
*40	Hepseeba Kode	Breast Cancer Diagnosis in Histopathology Images Using Convolutional Neural Networks and Knowledge-Based Approaches	DOC_CP	N/A	Buket Barkana
47	Scott Goodman	Robotic Acoustic Musical Instruments that Implement AI to Accompany Live Musicians	MA_CP		Ausif Mahmood, Sarosh Patel
BIOMEDICAL ENGINEERING					
Poster #	Name	Poster Title	Status	Co-Authors	Advisor
48	Anusha Upadhyay	Hydrogel Films of Chitosan and Keratin for Enhanced Wound Healing	MA_CP	Chalise Sai Akshay; Khanal Babin; Khanal Prashant Bishesh; Shrestha Swastika; Tamang Bishmita; Pokharel Mishal; Adhikari Rameshwar; Patra Prabir; Tiwari Tribhuwan	Prabir Patra
53	Sravya Namburu	Separation of Proteins by SDS PAGE	MA_CP	Javid Syed	
55	Tribhuwan Tiwari	Structural Dynamics and Function of Hepcidin in the Context of Hemochromatosis Using ALPHAFOLD2 and VMD	MA_CP	Dharmadhikari, Bhusan	
*56	Andres Alcivar Carmigniani	Effects of Leukocyte-Platelet Rich Fibrin and Nanoporous Scaffolds on Cell Proliferation and Cell Migration	MA_CP	Ballaz, Santiago, Ziyad S, Haidar	
57	Eva Chavez Chico	Electrospinning of Scaffolds from Polycaprolactone with Carbon Nanotubes for Electrode Applications	MA_CP	N/A	

59	Naveen Moparthi	Biomedical Engineering Podcast	MA_CP	Roshan Bhatt Tribhuwan Tiwari; Nikaash Pansoori; Pavan Mudu; Keerthan Muttineni	
60	Roshan Kumar Bhatt	Determining the Location and Size of Tumor	MA_SP	Tribhuwan Tiwari	

COMPUTER ENGINEERING

Poster #	Name	Poster Title	Status	Co-Authors	Advisor
36	Mohamed Mohamed	Self Sanitized Cart for Shopping and Airport Luggage	DOC_CP	N/A	Khaled Elleithy
*54	Rajiv Bishwokarma	Design and Simulation of Full-Custom 8-bit ALU	MA_CP	Ibrahim, Mina Gaber Wahba	Xingguo Xiong
70	Thania Flores Garcia	Optic Disc Localization Using Omnidirectional Search Algorithm	MA_SP	Berry, Jordan; Cabrera, Jose; Manzueta, Cristian	Buket Barkana

COMPUTER SCIENCE

Poster #	Name	Poster Title	Status	Co-Authors	Advisor
33	Mohammed Aljamal	The Robotics Operating System Road Map (ROS 1 ROS 2)	DOC_CP	N/A	Sarosh Patel
34	Shatha Alhazmi	Quantum Key Distribution (Man-In-The-Middle Attack)	DOC_CP	Kandel, Prashanna; Sabovik, Jayne; Matondo-Mvula, Nadine	Khaled Elleithy
*71	Joshua Dykstra	Utilizing IntellaNest Technology for the Study of Collective Behavior in Ants	UG_CP	John Keating, Rich Tran	Ausif Mahmood
*74	Aser Docteur	SmartCane	UG_CP	Camille Edwin, Syed Ghalib	Abhilasha Tibrewal Ahmed El-Sayed
77	Dejon Duffus	Go Pump	UG_SP	N/A	Sarosh Patel
136	Mohamed Mohamed	Self Sanitized Cart for Shopping and Airport Luggage	DOC_CPP	N/A	Khaled Elleithy

COMPUTER SCIENCE ENGINEERING

Poster #	Name	Poster Title	Status	Co-Authors	Advisor
*42	Abdulrahman Ali Kariri	Enhancement of CNNHQ with an Activation Function	DOC_CP	Albukhari, Ismaiel, Aljamal, Mohammed, Al Aridhee, Jinan, Matondo-Mvula, Nadine	Khaled Elleithy
143	Gabrielle Davidson	Triplet and Transformer Based Approaches to Face Recognition	UG_SP	Daniel Rodriguez, Adam C. Tilley	Ausif Mahmood

ELECTRICAL ENGINEERING

Poster #	Name	Poster Title	Status	Co-Authors	Advisor
9	Xingguo Xiong	Rotaxane for Molecular Electronics Applications	F_C	Prabir Patra, Peiqiao Wu, Bhushan V. Dharmadhikari	N/A
*50	Anass Saoudi	Applications of Heterogeneous Smart Robots in Modern Industry	MA_CP	N/A	Ahmed El-Sayed
52	Mina Gaber Wahba Ibrahim	Molecular Dynamics Simulation of Catenane for Moletronics Applications	MA_CP	N/A	Xingguo Xiong
*58	Vamsi Sai Sripada	Autonomous Drone For Crop Monitoring	MA_CP	A.V. Pratap Reddy	Sarosh Patel
61	Manoj K. Mysigari	Modeling and Signal Processing of Acoustic Gunshot Recordings	MA_SP	Ahmad Alasiri	Navarun Gupta
78	Brandon Galvan	Undergraduate Research in EEG Analysis	UG_SP	Bimpeh, Lawrence; Tahiru, Rashad, Manoj K. Mysigari	Navarun Gupta
80	Ivan Jara	Project Sun Flower Solar Panel	UG_SP	Christopher Ochoa, Cristian Manzueta	Buket Barkana
81	Syed Jahanzaib Hussain	Ultrasonic Security System incorporating the Arduino Board	UG_SP	Cisse, Youssoupha	Xingguo Xiong

MECHANICAL ENGINEERING

Poster #	Name	Poster Title	Status	Co-Authors	Advisor
146	Zheng Li	Microgravity Random Access Systems in NASA and Aerospace Station	F_NC	N/A	N/A
*73	Karen Garza	Drone Design Project in an Undergraduate Research Class using the Affinity Research Group Model	UG_CP	Silva, Eric, Menendez, Angel, Poulmas, James, Chowdary, Tameem, LaJeuness, Pamela	Junling Hu
76	James Zakhour	Electromechanical Design - Electronically Height-Adjustable Office Chair	UG_SP	Silva, Eric; Cobbs, Morgan	Junling Hu
82	Jalon Scudder	The Can Crusher	UG_SP	Uranik Klobucishta; Teddy Rodriguez	Zheng Li
137	John Badara	HVAC Personal Garment	CPP_UG	N/A	Jani Pallis

TECHNOLOGY MANAGEMENT

Poster #	Name	Poster Title	Status	Co-Authors	Advisor
16	Arthur McAdams	Measuring Employee Awareness of Vision/Mission, Budget/Profitability, and Values/Culture	F_NC	Peter Cavanaugh; Dan Tenney	n/a

		for improved Organizational Performance			
21	Peter Cavanaugh	Proposed Research in Efficacy and Acceptance of AI in Coaching	F_NC	McAdams, Arthur; Tenney, Dan	n/a
23	Peter Cavanaugh	Exploratory Research on Change Readiness to Drive Organizational Excellence	F_NC	McAdams, Arthur; Tenney, Dan	n/a
37	Shahistha Habeen Hashim	Effectiveness of Using Artificial Intelligence and Social Media to Support Non-Profit Organization for Fundraising	DOC_CP	Himanshu Sharma, Alharbi Noha	Dan Tenney
*39	Ismaiel Albukhari	Implementation of the DMAIC Technique on Road Safety	DOC_CP	Kariri, Abdulrahman, Aljamal, Mohammed, Alwehaibi, Abdulaziz	Khaled Elleithy/Dan Tenney
41	Feyisetan Dania	Adopting Blockchain Technology in International Wire Transfer through FinTech	DOC_CP	N/A	Dan Tenney
45	Abdullah Aldwean	Fairness and Inequality in The Age of AI: A Framework for Healthcare Decision Makers	DOC_SP	N/A	Dan Tenney
46	Jun Zhang	Attack on SMB on SMBs	DOC_SP	N/A	Arthur McAdams, Dan Tenney
64	Aravind Reddy Kandi	Choosing the Right Pat to Wellness: Allopathic vs. Ayurvedic Medicine	MA_SP	Sai Laxmanreddy Seelam	Arthur McAdams
65	Mizanur Rahman	World Diabetes Healthcare: Education to Protect Tomorrow	MA_SP	N/A	Arthur McAdams
138	Ismaiel Albukhari	Implementation of the DMAIC Technique on Road Safety	CPP_DOC	Kariri, Abdulrahman, Aljamal, Mohammed, Alwehaibi, Abdulaziz	Khaled Elleithy Dan Tenney

NOTE: About 32 students and 8 faculty from UB went on to attend the Zone 1 American Society for Engineering Education (ASEE) conference at Penn State University on Friday, March 31 through Saturday, April 1, 2023. The Zone 1 ASEE is a larger conference with states from Northeast, Mid-Atlantic and St. Lawrence section participating. It is held every four years.

UB students won 4 out of the 9 poster prizes. The prizes were not awarded in any order. The winning posters were:

- *Utilizing IntellaNest technology for the study of collective behavior of ants* by Joshua Dykstra, John Keating, Rich Tran. Advisor: Ausif Mahmood, PhD, Director School of Engineering
- *Effectiveness of using artificial intelligence and social media to support non-profit organizations for fundraising* by Shahistha Jabeen Hashim, Noha Al Harbi, Himanshu Sharma. Advisor: Dan Tenney, PhD ('21) Technology Management
- *Applications of heterogeneous smart robots in modern industry* by Anass Saoudi. Advisor: Ahmed El-Sayed, PhD ('11, '16), Computer Science Engineering

- *Autonomous drone for crop monitoring* by Vamsi Sripada and Pratap Reddy A.V. Advisor: Sarosh Patel, PhD ('12), Electrical Engineering

According to Dr. Navarun Gupta, Chair of the Electrical Engineering Department, “Students found this experience overwhelmingly positive and a learning opportunity to present their work in a large conference.” With funding support from the Dean of the College of Engineering, Business, and Education, Khaled Elleithy and the National Science Foundation HSI grant, UB organized a bus and hotel rooms for students and faculty to stay overnight.

SCHOOL OF BUSINESS

Poster #	Name	Poster Title	Status	Co-Authors	Advisor
4	Michael Lohle	Is Technology Scary? Student Perceptions of Analytics Content in Graduate Core Courses	F_C	N/A	N/A
13	Gew-Rae Kim	U.S, Social Security System Safe? Population, Budget, Immigration	F_NC	N/A	N/A
14	Shannon Hashemi	Quality of the Reported Earnings (RE) by U.S. Firms During The Pandemic of 2020	F_NC	N/A	N/A
17	Congsheng Wu	ChatGPT Easily Passed My Finance Exam: What Should We Do About It?	F_NC	N/A	N/A
18	Congsheng Wu	Impacts of the Covid-19 Pandemic on Household Wealth	F_NC	N/A	N/A
25	Kimberly Rose	Nannies & Mannies, Professional Caregivers	F_NC	N/A	Judy Saffron
*49	Karne Pranav Kumar	Impact of Healthcare Industry on US Economy (Diabetes)	MA_CP	N/A	Arthur McAdams
51	Shreya Shrestha	C for ChatGPT! C for Cheating?	MA_CP	N/A	Michael Lohle
67	Vishnu Priya Siddamsetty	Forecasting Inflation with Augmented Intelligence	MA_SP	Sadamsetty Adwaitha	Ali Baker
147	Mojisola Oladokun	Reducing the Medical Cost of Diabetes Care	MA_SP	N/A	Arthur McAdams
75	Florence Ehi John	Defining the UB Analytics Space	MA_CP	N/A	Michael Lohle
139	Shivakantha Naganaik	PURPLE KNIGHTS COFFEE COMPANY	CPP_MA	N/A	Timothy Raynor

SCHOOL OF EDUCATION

Poster #	Name	Poster Title	Status	Co-Authors	Advisor
5	Claude Mayo	Edge of Extinction: The COVID-19 Lived Experience of National Pan Hellenic Council Fraternity Presidents	F_C	Alade S. McKen; Ebonee Mayo-Mitchell	N/A
8	Mya Scarlato	Remixing the National Anthem: Toward 'Plastic' Concepts of American Identity	F_C	N/A	N/A
20	Nelson Ngoh	STEM on Wheels Bus and Its Invisible Values	F_NC	N/A	N/A
31	Patricia Mulcahy-Ernt	The CAS Learning Assistance Program Standards Contextual Statement Revised	F_NC	N/A	N/A

*32	Katherine Brittain	Novice Teacher Self-Efficacy and Reflections on the Student Teaching Experience	DOC_CP	N/A	Kathleen Wallace
38	Alesia Ettson	Raising the Voice of School Leaders: How In-Service Training Supports Culturally Relevant School Leadership	DOC_CP	N/A	Kathleen Wallace
43	Owen Quantick	SEL+ Should be the Lead Driver in Schools, Not GPA	DOC_SP	N/A	Jeffrey Vance
44	Tehmina Khan	Transforming Teacher Leadership Capacity In Secondary Schools	DOC_SP	N/A	Jeffrey Vance

HIGH SCHOOL – ENGINEERING / BUSINESS					
Poster #	Name	Poster Title	Status	Co-Authors	Advisor School
84	Erika Pinto	A Novel Centrifugal Baffle Design and Arrangement for Spiral Redirection of Heat Exchanger Flow	HS_CP	N/A	Kirk Shadle BRASSTEC
88	Austin Lewis	Sustainable Lithium Ion Battery Recycling using Fungal driven Metal Dissolution	HS_CP	N/A	Kirk Shadle BRASSTEC
*89	Raymond Stewart	Which Method of Sharing Information is Most Effective?	HS_CP	N/A	Shantharaj, Suchith FW-ITSE
91	Amna Al-Azdee	The Evolution of Pressurized Water Reactors (PWRs): Design, Impact, and Possibilities	HS_SP	Junling Hu., PhD	Masuk HS
97	Jaiden Jacob	Smelly Energy	HS_CP	N/A	Shantharaj, Suchith FW-ITSE
101	Jovonn Mitchell Sokolovic	Tesla Coil	HS_SP	N/A	Shantharaj, Suchith FW-ITSE
102	Kayla Spodnik	Password Analyzer	HS_SP	N/A	Shantharaj, Suchith FW-ITSE
103	Anton Rathjens	Utilizing simulation to determine the most energy-efficient structure and phase of doped 2DT-form TiO2 for splitting Hydrogen Peroxide into Hydroxide	HS_CP	N/A	Catherine Piscitelli Amity HS
105	Alejandro Huber	Developing and Testing a Laminar Airfoil Utilizing CFD to Implement Into General Aviation	HS_CP	N/A	Catherine Piscitelli Amity HS
107	Evelyn Chen	Designing a backpack strap shape to minimize discomfort and contact pressure for high school students carrying loads	HS_CP	N/A	Catherine Piscitelli Amity HS
111	Faryal Akbar	Determining the Efficiency of Using a Ceramic-based Membrane on Water Filtration Versus Using a Polymeric-based Membrane	HS_CP	N/A	Catherine Piscitelli Amity HS
114	Luke Chang	Incorporating Organic Compounds to Electroless Nickel Gold Immersion Surface Finish to Prevent the Corrosion and Oxidation of Electroless Nickel in Printed Circuit Boards	HS_CP	N/A	Catherine Piscitelli Amity HS
132	Anne-Marie Kudaisi	How Crude: Is Oil Really Worth It?	HS_SP	N/A	Amanda Ives FW-AS

135	Amy Galo	Taxes May Be Up but, The Tea Going Down	HS_CP	N/A	Amanda Ives FW-AS
141	Snow Settembre	Green Port College	HS_SP	N/A	ACE MENTOR Bridgeport Chapter

COLLEGE OF SCIENCE AND SOCIETY

Poster #	Name	Poster Title	Status	Co-Authors	Advisor
1	Eric Lehman	Letters as Literature: Reclaiming a Lost Art Form	F_C	N/A	N/A
2	Randy Laist	Time/After-Time: Modes of '80s Nostalgia	F_C	N/A	N/A
7	Md Khabir Uddin	Cancer Chemopreventive Action by the Monomethylated Metabolite of Oltipraz	F_C	N/A	James C. Fishbein
10	Randy Laist	UDL Goes to College: Transforming the University Classroom with Universal Design for Learning	F_NC	N/A	N/A
11	Randy Laist	Making Feedback Meaningful: UDL-Based Solutions for Responding to Student Writing	F_NC	N/A	Nicole Brewer
12	Anthony Ross	Susceptibility of Leishmania promastigotes to Amphotericin B	F_NC	N/A	Maha Almutiary
15	David Kraft	The Energy Spectrum of Primary Cosmic Rays	F_NC	N/A	N/A
19	Jessica Andre	Lack of Central Serotonin Neurons Produces Lowered Anxiety and Excessive Grooming in Mice	F_NC	N/A	N/A
22	Seokyoung Kang	Homologs of Human Dengue-Resistance Genes, Confer Antiviral Resistance in Mosquitoes	F_NC	N/A	N/A
26	Turgay Karagoz	An Examination of the Police-Amazon Ring Partnerships and Their Impact on Burglary	F_NC	N/A	N/A
28	Natalia Belfiore	Belfiore Lab: Molecular Ecology and Conservation Genetics	F_NC	N/A	N/A
144	Elizabeth Fles	Demonstration Bias: Does Freedom of Speech Apply to Black Protestors	F_NC	N/A	N/A
145	Amy Nawrocki	Grief, the Creative Process, and the Making of a Poem	F_NC	N/A	N/A
68	Felipe Ospina	The Application of Theories in Criminology to Understand the Causes of Juvenile Delinquency and Effectiveness of Prevention Methods	MA_SP	David Oberleitner	David Oberleitner, Turgay Karagoz
66	Nikaash Pasnoori	A Methodology Study of the Detection of Carbon Quantum Dots in Chlorophytum comosum	MA_SP	N/A	Prabir Patra Kathleen Engelmann

HIGH SCHOOL – COLLEGE OF SCIENCE & SOCIETY

Poster #	Name	Poster Title	Status	Co-Authors	Advisor School
*83	Grace Kistner	Utilizing the Nematocysts of Cassiopea xamachana as a Bioactive Antiproliferative Compound	HS_CP	N/A	Kirk Shadle BRASSTEC

*85	Jack Murray	Disrupting Bacterial Quorum Sensing Systems Through Autoinducer Blocking	HS_CP	N/A	Kirk Shadl BRASTECe
87	Tyler Lilya	A Novel Multi Trophic Bio Filter Apparatus To Remove Point Source, Anthropogenic Eutrophication From Waste Treatment Outflows	HS_CP	N/A	Kirk Shadle BRASTEC
92	Anjumanara Chowdhury	The Pomodoro Technique	HS_SP	N/A	Shantharaj, Suchith FW-ITSE
93	Amy Nivelio	Malala Yousafzai's & Civil Disobedience	HS_SP	N/A	Amanda Ives FW-AS
96	Thais Gonzalez	Chemistry of Ice-Cream Making: Lowering the Freezing Point of Water	HS_CP	N/A	Shantharaj, Suchith FW-ITSE
98	Joshua Morgan	Egg- Float or Sink?	HS_SP	Susmita Ponnaganti	Shantharaj, Suchith FW-ITSE
99	Wilman A. Cardenas	What Can Make Ice Melt the Fastest?	HS_CP	Dylan Atherton	Shantharaj, Suchith FW-ITSE
104	Emily Gu	Determining the Effects of Drinking 0.5M NaCl Solution Versus Water on the Amount of Subfornical Organ Neurons Activated in Hibernating Thirteen-lined Ground Squirrels	HS_CP	N/A	Catherine Piscitelli Amity HS
112	Mia Bierowski	Analyzing the Decomposition Rates of Animal Material by Gromphadorhina portentosa (Madagascar Hissing Cockroach) In Order to Determine the Species Relevance in Postmortem Interval Estimations	HS_CP	N/A	Catherine Piscitelli Amity HS
116	Greg Hofstatter	Examining the Effects of Urbanization on the Choruses of Spring Peepers	HS_CP	N/A	Catherine Piscitelli Amity HS
117	Tomas Restrepo	Fuerzas Armadas Revolucionarias de Colombia	HS_SP	N/A	Amanda Ives FW-AS
118	Syeda Zahara	Elizabeth Cady's Impact on Women	HS_SP	N/A	Amanda Ives FW-AS
119	Samuel Avendano	Cesar Chavez The Union Leader and Labor Worker	HS_SP	N/A	Amanda Ives FW-AS
120	Rickelle White	The Uprising of 20,000	HS_SP	N/A	Amanda Ives FW-AS
121	Nick Varela	Women's Activist Malala Yousafzal	HS_SP	N/A	Amanda Ives FW-AS
122	Massimo Cacciatore	Buddhist Crisis Investigation and Inquiries	HS_SP	N/A	Amanda Ives FW-AS
123	Katelynn Robinson	Barbra Rose Johns Powell	HS_SP	N/A	Amanda Ives FW-AS

124	Jorge Aguilar	The Boston Tea Party	HS_SP	N/A	Amanda Ives FW-AS
125	Joshua Sanchez	Edward Snowden: Civil Disobedience	HS_SP	N/A	Amanda Ives FW-AS
126	Jason Epps	What Were The Greensboro Sit-Ins	HS_SP	N/A	Amanda Ives FW-AS
127	Isaiah Spearman	Henry David Thoreau: Civil Disobedience	HS_SP	N/A	Amanda Ives FW-AS
128	Deziree Reyes	Was Martin Luther King Jr. Reasonable?	HS_SP	N/A	Amanda Ives FW-AS
129	Aryan Gautam	Mahatma Ghandi	HS_SP	N/A	Amanda Ives FW-AS
130	Arthur DeOliveira-Teixeria	Mahatma Ghandi's Legacy	HS_SP	N/A	Amanda Ives FW-AS es
131	Arlene Marlene-Nava	The Hijab	HS_SP	N/A	Amanda Ives FW-AS
133	Andres Garcia	Do You Know About Malala?	HS_SP	N/A	Amanda Ives FW-AS
134	Anais Mota	Malala Yousafzal	HS_SP	N/A	Amanda Ives FW-AS
140	Enton Hart	Civil Disobedience: Nelson Mandela	HS_SP	N/A	Amanda Ives FW-AS

COLLEGE OF HEALTH SCIENCES

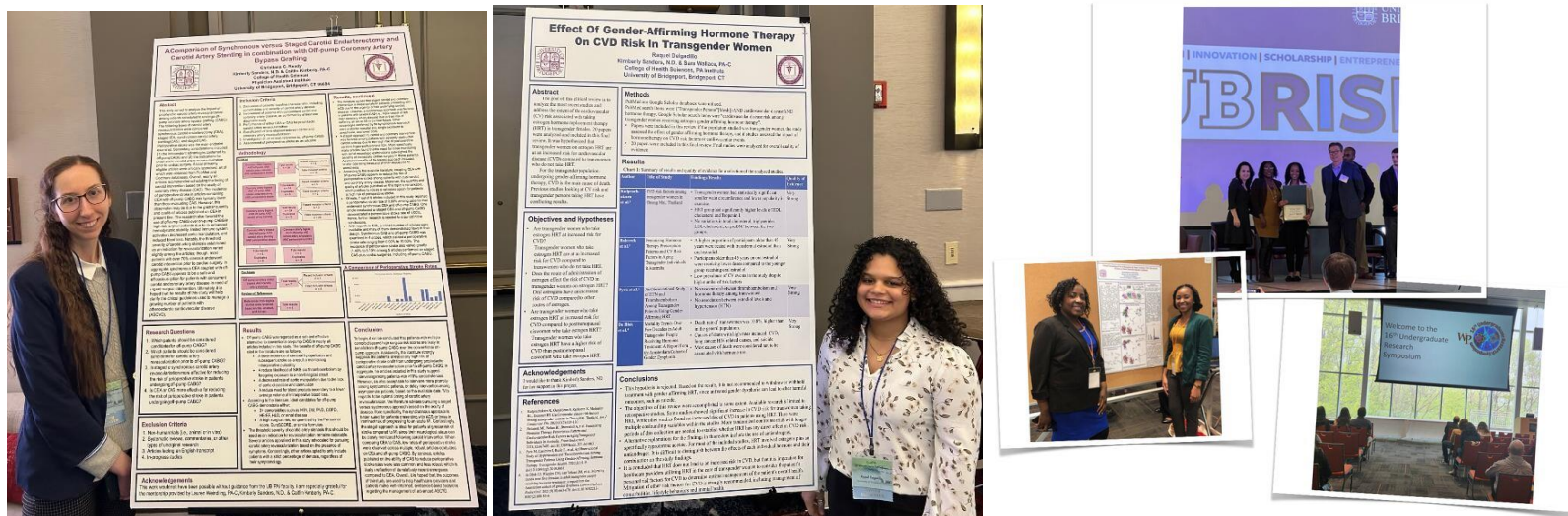
Poster #	Name	Poster Title	Status	Co-Authors	Advisor
6	Linda Wagner	Disaster Relief Nurses: Exploring the Impetus to Respond to Multiple Efforts	F_C	Christensen, Stacy	n/a
24	Salvatore Diaz	Barriers and Motivating Factors for Licensed Practical Nurses (LPNs) to Continue their Nursing Education	F_NC	Joy Elwell, Rebecca Rigolosi, Marcia Proto	n/a
*35	David Bray	Anatomical Variation of the Abductor Pollicis Longus	DOC_CP	N/A	Kevin Kelliher
62	Christiana Ready	A Comparison of Synchronous versus Staged Carotid Endarterectomy and Carotid Artery Stenting in combination with Off-pump Coronary Artery Bypass Grafting	MA_SP	Kimberly Sanders, ND Caitlin Kimberly, PA-C	Sara Wallace

63	Raquel Delgadillo	Effect Of Gender-Affirming Hormone Therapy On CVD Risk In Transgender Women	MA_SP	Kimberly Sanders, N.D. & Sara Wallace, PA-C	Sara Wallace
*72	Leslie Zeller	Forensic Odontology and the Dental Hygienist: Giving Life to All That Remains	UG_CP	Rosario Osoria, Arismelba; Small, Trevor; Ramirez, Evelyn	Sandra Stramoski
*79	Ronelle Robinson	Virtual Screening of Novel Benzimidazole Sugar Analogue With Microtubule Protein as Potent Chemotherapeutic Candidate	UG_CP	Rochaiu Daye	Abu Gafar Hossion

NOTE: Two Master's students went on to present their posters at the [Connecticut Academy of PAs](#) Annual Charter Oak Conference on March 26 – March 29 at the Mystic Marriott in Groton CT.

- *Effect Of Gender-Affirming Hormone Therapy On CVD Risk In Transgender Women* by Raquel Delgadillo, Kimberly Sanders, N.D. & Sara Wallace, PA-C. Advisor: Sara Wallace.
- *A Comparison of Synchronous versus Staged Carotid Endarterectomy and Carotid Artery Stenting in combination with Off-pump Coronary Artery Bypass Grafting* by Christiana Ready, Kimberly Sanders, N.D. & Caitlin Kimberly, PA-C. Advisor: Sara Wallace.

Further, the undergraduate authors, Ronelle Robinson and Roachaiu Daye of “*Virtual Screening of Novel Benzimidazole Sugar Analogue With Microtubule Protein as Potent Chemotherapeutic Candidate*,” presented their posters at the 16th Undergraduate Research Symposium which was hosted by William Paterson University Biological and Chemical Sciences on April 22, 2023.



Pictured (left to right): Christiana Ready, Raquel Delgadillo and photos of Ronelle Robinson and Roachaiu Daye that Dr. Abu Gafar Hossion, Assistant Professor of Chemistry posted on LinkedIn.

HIGH SCHOOL - COLLEGE OF HEALTH SCIENCES

Poster #	Name	Poster Title	Status	Co-Authors	Advisor
86	Jonah Rosenbaum	Using Magnetic Fields to Direct Crystallization of Calcium Carbonate to Emulate the Growth of Trabeculae Post Bone Fracture	HS_CP	N/A	Kirk Shadle BRASTEC
90	Martin S. Irigoyen	Toxicity	HS_CP	N/A	Shantharaj, Suchith FW-ITSE
*94	Lucia Kempton	The Efficacy of Graphene in Preventing Gamma Radiation on Cancer Cells in Microgravity	HS_CP	Molly Forker, Paige Hochadel, Ryan Shoztic	Susan Dougherty Stamford HS
100	Ryan Nguyen	The Fatness of Food	HS_CP	Brady Flechtner	Shantharaj, Suchith FW-ITSE
106	Bridget Lowder	Determining the Effects of Initial Age of Onset for Heroin Usage and Other Demographics on Neurocognitive Capabilities	HS_CP_	N/A	Catherine Piscitelli Amity HS
108	Shreya Nair	Determining whether Age and the Ki-67 Proliferation Level of ER-positive, HER2-negative Breast Cancer Patients are Predictors of Future Adjuvant Chemotherapeutic Intervention	HS_CP_	N/A	Catherine Piscitelli Amity HS
*109	Luhai Tang	Determining if the Neural Response to Infant Faces (N170, Event-Related Potential Component) Differs Between Expectant Moms and Expectant Dads	HS_CP_	N/A	Catherine Piscitelli Amity HS
110	Randy Liu	Conducting a Bioinformatic Analysis to Elucidate the Metabolic Interactions Between Dietary Methyl Donors and Liver Receptor Homolog-1 in Mice	HS_CP_	N/A	Catherine Piscitelli Amity HS
113	Iris Yan	Using Natural Language Processing to Accurately Analyze Electronic Health Records to Improve Health Outcomes of Formerly Incarcerated Patients	HS_CP_	N/A	Catherine Piscitelli Amity HS
*115	Adam Liu	Developing a Deep-Learning Algorithm for the Post-Reconstruction of Dynamic Cardiac PET	HS_CP	N/A	Catherine Piscitelli Amity HS

GOODWIN UNIVERSITY

Poster #	Name	Poster Title	Status	School	Advisor
29	Karrie Morin	Goodwin University Community Conversations 2022-2023	F_NC	School of Applied Liberal Arts and Social Sciences	N/A
30	Lisa L. Fanelli	Age Friendly University Initiative: A Collaborative Journey for 2 Universities	F_NC	Health Science & Public Health	N/A

APPENDIX J: UB OFFICE OF ADVANCEMENT AUCTION

Online Items

- 1. Dr. Fred Dombrowski Lunch and Book**
Fred Dombrowski, PhD, autographed book, *Co-occurring Mental Illness and Substance Use Disorders: Evidence-based Integrative Treatment and Multicultural Application* 1st Edition and lunch at UB's Marina Dining Hall. **Valued at \$50**
- 2. Legacy Theatre and HOME Restaurant**
Win a \$250 gift certificate for the 2023 season of Branford, Connecticut's Legacy Theatre and \$100 for Branford's HOME restaurant. The Legacy Theatre is a professional theatre company that enhances the Connecticut Shoreline's economy, educational opportunities and quality of life through live theatre and related programs. Nearby HOME restaurant is the perfect place to go before your show, with comforting food, local drinks, and an atmosphere that makes you feel at home. **Valued at \$350**
- 3. Dr. Doe Hentschel Lunch and Book**
Lunch and conversation with Dr. Doe Hentschel at a restaurant of the winner's choice and an autographed copy of her first book, published on her 80th birthday. *Look, Ma! No Hands!: Life's Lessons Learned the Hard Way* Paperback – October 27, 2022 **Valued at \$95**
- 4. Dr. Khaled Elleithy Lunch and Books**
Lunch and conversation with Dr. Khaled Elleithy at UB's Marina Dining Hall and an autographed copy of *Innovations and Advances in Computer, Information, Systems Sciences, and Engineering* 2013 ed. (Two Volumes). Hard Cover – Published August 2012 – Two Volumes. **Valued at \$350**
- 5. VP Elena Cahill ('91) Lunch and Book**
Lunch and conversation with author Elena Cahill at UB's Marina Dining Hall and an autographed copy of *Power Economics An Executive Guide to Energy Efficiency, Conservation, and Generation Strategies*. **Valued at \$75**
- 6. Eric Lehman Lunch and Book**
Lunch and conversation with writer Eric D. Lehman at UB's Marina Dining Hall and an autographed copy of *Yankee's New England Adventures: Over 400 Essential Things to See and Do*. Paperback – May 1, 2018. **Valued at \$65**

In-Person Items

- 1. Author Dr. Randy Laist Lunch and Book**
Enjoy an afternoon lunch at UB's Marina Dining Hall on campus and the autographed book, *UDL University*, by author, Dr. Randy Laist. **Valued at \$65**
- 2. Author Dr. Sean Heffron ('22) Book and \$50 UB Bookstore Gift Card**
Enjoy an autographed book, *After the End*, by author, Dr. Sean Heffron and a UB Bookstore gift card to purchase additional reading materials, supplies or UB Purple Knight gear. **Valued at \$65**
- 3. A Night of Bowling at "The Alley"**
Bring a friend and enjoy at night at "The Alley", UB's newly renovated bowling alley. Offer is available up to 15 guests, a 3-hour night of fun and shoe rental. **Valued at \$540**
- 4. Home Harvested Herbs Gift Basket**
Enjoy a selection of homemade/organic skin care products and Alpaca socks by Judy Apicella ('22), a practicing Herbalist, Nutritionist and Researcher who was awarded by the State of Connecticut to work on an herbal remedy she made for Lyme Disease. **Valued at \$439**

5. Arthur's Famous Pizza Gift Card

Bring a friend and enjoy this gift certificate from Bridgeport's Arthur's Famous Pizza. A campus landmark of Park City residents favorite pizza to both, students and alums. **Valued at \$75**

6. Gondolas Canvas Portrait – Venice, Italy

Enjoy a stunning ready-to-hang canvas of the gondolas of Venice by Joseph Bologna. A world traveled photographer and author whose work appeared in several publications and venues and has been peer awarded numerous times. **Valued at \$125**

7. Lemonade Cross Stitch

Enjoy this beautiful framed counted cross stitch from this anonymous UB employee. A picture that will bring back memories of summer and cool drinks for years to come. **Valued at \$100**

8. UB Bookstore Gift Card and Swag Basket

Enjoy this UB Bookstore gift certificate courtesy of Richard Herbert. Visit the campus bookstore for all of your UB apparel, textbooks, course packs and more. **Valued at \$100**

9. Securitas Gift Basket

Enjoy an automotive kit and gasoline gift certificate, courtesy of the UB's Securitas for all of your safety essentials. **Valued at \$50**

10. Author Richard Shapiro ('67) and \$50 UB Bookstore Gift Card

Enjoy the autographed book, *The Endangered Customer: 8 Steps to Guarantee Repeat Business*, signed by author, Richard Shapiro ('67) and a UB Bookstore gift card to purchase additional reading materials, supplies or UB Purple Knight gear. **Valued at \$70**

11. Signed Books by Author Eric Lehman

Enjoy a quiet afternoon with this selection of autographed books by author, Prof. Eric Lehman. A local to the Bridgeport area, Prof. Lehman gives us the history and attractions of Bridgeport, Connecticut and various parts of New England. **Valued at \$200**

12. Alpaca Gift Basket

Enjoy a wonderful basket of all natural products from Judy Apicella ('22) of Home Harvested Herbals. She is an herbalist, nutritionist, and researcher who has helped people suffering from Chronic Lyme, Eczema, Depression and more. **Valued at \$243**

13. Author Donna Martire-Miller Lunch and Books

Enjoy an afternoon lunch at UB's Marina Dining Hall with author, Donna Martire-Miller, who has a psychology background. This selection of autographed books has helped many with inspiring and spiritual pathways to happiness. **Valued at \$50**

14. Author Marjorie McAllister Lunch and Books

Enjoy a heart-warming autographed book by author, Marjorie McAllister, who explains the journey of finding love, self-fulfilled love and spiritual love. In addition, enjoy lunch with the author at UB's Marina Dining Hall. **Valued at \$45**

APPENDIX K:SUMMARY OF DONATIONS/CONTRIBUTIONS

EXTERNAL DONATIONS	
	CONTRIBUTIONS
STUDENT POSTER CASH PRIZES (UB AA raised \$450)	\$11,100.00
RAFFLE PRIZE GIVE AWAYS	\$512.70
AUCTION ITEMS	\$1,223.33
FINANCIAL CONTRIBUTIONS	\$2,717.35
TOTAL	\$15,553.38

APPENDIX L: SPECIAL THANKS PAGE

Special Thanks

UB RISE Committee

Ioana Badara, PhD, Chair
Julie Demers, MA, CRA, Co-Chair

Subcommittee Chairs:

Elizabeth Fles, PhD
Kathleen Wallace, EdD ('20)
Liz Belleau, MA, MBA
Rebecca Bruckenstein, MA ('16)
Rob Gerowe

Members:

Elena Cahill, JD, Michael Cioffi, DC, Khaled Elleithy, PhD,
Kathleen Engelmann, PhD, Mohammed Aljamal, MA ('21),
Fred Ferraro, MS, Maria Gherasimova, PhD, Trina Henderson,
Kevin Kelliher, PhD, Matt Kuhar, Eric Lehman, MA, David
Oberleitner, PhD, Myia Powell-Baldwin, MA ('16), Tim
Raynor, DBA, Gary Reeves ('22), Yvrose Romulus, MA ('16),
Stephanie Staffey, MA, Trinadh Venna, MS ('16), William
"Bill" Moran ('74), Lorraine Taylor ('76)

Faculty Competitive Poster Judges

Vinod Dhar, PhD & Cynthia Murphy
Goodwin University

Alexandra Guzman, PhD
University of New Haven

Samir Hamada, PhD ('16)
Central Connecticut State University

Sean Heffron, EdD ('22) & Sara Connolly, PhD
Sacred Heart University

UB/GU* Faculty Student Poster Judges

Jessica Andre, Begum Aliya, Sandybell Anorga, Natalia
Belfiore, Valeria Biscaglia Garrido, Tonya Chacon, Donna
Eastabrooks, Linda Fleming, Ahmed El-Sayed, Meredith
Gaffney, Abu Gafar Hossion, Junling Hu, Ludivina C. I'llmeta,
Seokyoung Kang, Michelle Lea, Bruce Lorentzen, Marcia
Lorentzen, Patricia Mulcahy-Ernt, Claude E. P. Mayo, Anthony
Ross Jr., Mita Saksena, Sandra Stramoski, Brianna Stefano,
Abhilasha Tibrewal, Md Khabir Uddin, Jeffrey Vance, Xingguo
Xiong, Vita A. Vernace*

UB Judges/Staff Volunteers

Jaria Aljoe, Officer Danny Berrios, Siobhan Blaze, Cecil James
Buguis, John Carserino, Amanda Chan, Sherri Dente, Janice
Faye, William Foglio, Stephen Giambra, William Guerrero,
Christine Harkins, Richard Hebert, Trina Henderson, Scott
Hughes, Kristy Huntley, Lillian Nash, Brenda Pioli, Kimberly
Rose, Officer Randy Sadler, Gisele Salgado, Cindy Sanders,
Malhar Sharma, Patricia Varvella, April Vournelis, Yumin
Wang, Eileen Zoppi

UB Student Judges/Volunteers

Zain Alrahmani, Hareesh Asupally, Deepalakshmi "Dolly"
Balaji, Roger Beadle, Sai Yashwanth Bondalapati, James
Demers, Chaithanya Ranga Prasad Dokala, Adejoke Ifafesobi,
Hepseeba Kode, Sravya Kommu, Preethi Himavarsha Kukkala,
Alekhya Lakshmi, Rishika Rao, Amadu Tawfic, Najeeb Uddin,
Abdullah Aldwean, Alberto Labrada, Alexandria Bailey, April
Petty, Arismelba Rosario Osoria, Arsha Kardani Arzu Susoglu,
Ayra Rono, Bianca Barreiro, Brandon Galvan, Brookelynn
Verrette, Candace Devito, Chantel Valencia, Chastity Gooden-
Clyne, Chyna Belle Ranger, Devendar Reddy Tamma, Dhanush
Kumar, Doddapaneni Nandhitha, Eabez Thankachan, Emily
Oquendo, Geneva Bernoudy, Heidi Bennett, Joanne Milord,
Joshua R. Inty, Kali Smolinski, Kazi Sifat Hasan, Kheliz Avent-
Jeter, Kiana-Edith Robinson, Lesha Daley, Mahanthi Gade,
Mahasimha Teja Reddy Savva, Marilyn Flores, Martha Trofort,
Mayra Tamayo, Mina Gaber Wahba Ibrahim, Mubera Bella
Selimovic, Myrtle Pettit, Nadia Albishi, Neha Egbal, Nikaash
Pasnoori, Northern Star, Owen Quantick, Phandeep
Kantamraju, Raghuram Bale, Sathishkumar Anamalamudi,
Shannique Leung-Hall, Srilekha Katuri, Tai Mangual, Shreya
Shrestha, Tania Nicole Sutherland, Thania Flores Garcia, Travis
Perricone, Udayasri Puvvada, Sai Charan Bellamkonda, Sai
Uttej Kamatham, Jaswanth Krishna

UB Alumni Judges/Volunteers

Laiali H. Almazaydeh, PhD, Judy Apicella, MS, Janneth
Achury, Mohamed Ben Haj Frej, PhD, ('19), Arlene Gottesman
('71, '85), Lex Greene, Samir Hamada, PhD ('16), Jason Li
('93), Isaac Macwan, PhD ('14), William Moran ('74), Kelly
Mulligan, EdD, Beth Muturi, Catherine Rodriguez ('18), Lynn
Eaton Schneider ('84), Michael Schneider, Charles Ward,
Lavanda Wright

UB Industry Advisory Board Members

Barbara James, Bill Moran, Natalie Pryce, Mike Roer, Joe
Ziskin

UB Offices & Student Organizations Sponsors

Center for Student Involvement: Craig Lemmon, Kelli Meyer,
Marisa Carrasco, Fiorella Castagnetto

Office of Admissions: Allison Garriss, Jessica Clarke, Amy
Burroso

Advancement Office: Alexa Bottoni, Rob Gerowe, Yvrose
Romulus, Marlon Montanella

Facilities: John Carserino

UB Clinics: Janice Faye

UB Wheeler Recreation Center: Dave Graham, Alex Granda

Library Services: Heather Siemon, Anthony Battaglia, Dale
Outhouse

Fones School of Dental Hygiene: Sandra Stramoski, RDH,
MSDH, Amanda Sargent MS, RDH, Jessica Damian, Daneshka
Cantres-Vega, Chyna Belle Ranger, Tavysla Walker, Emily
Johnson, Steven Williams Alexa Rose, Amelia Riebe, Ysabel
Kery Santana

Special Thanks

African Student Association: Chinonso Nwosu, Jessica Sowah

Biology Club: Alyna Nguyen, Hachton Laforest, Aaron Caldwell, Ryan Doan, Julia Gavrilidis

Psychology Club: Sarah Mohamad, Usman Manawar, Lina Orozco Adwaitha Sadamsetty, Bianca Trotman, Ashaunte' Jones, Desiree Swendsen

Student Entrepreneurship Club

UB Fusion Ensemble & Steel Band: Russell Fisher, Isabella Andrade, Jaydn Sandy, Jerry Feliciano, Mya Hall, Anthony Johnson, Tiffany Serrano, Vladimir Naval, Jade Williams, Lila Pytel, Samantha Wilson, Jason Pimpenelli, Jeremy Milanga

High School Poster Advisors

Cathy Piscitelli, Amity High School

Kirk Shadle ('06, MS), Bridgeport Regional Vocational Aquaculture School

Amanda Ives, Victoria Mauer, Suchith Shantharaj,

Fairchild Wheeler Inter-District Magnet School

Susan Dougherty, Stamford High School

Junling Hu, PhD, (Advising) Masuk High School

Daniel Condon, Derek Zero, Emily Ruggeri, Kevin Gatzke,

ACE Bridgeport Chapter Advisors

UB Faculty Poster Advisors

College of Engineering, Business & Education

Abhilasha Tibrewal, MS ('00, '01, CS), Ahmed El-Sayed, PhD

('11 & '16, CSE), Arthur McAdams, PhD, Ausif Mahmood,

PhD, Buket Barkana, PhD, Dan Tenney, PhD, Jani Macari

Pallis, PhD, Junling Hu, PhD, Khaled Elleithy, PhD, Navarun

Gupta, PhD, Prabir Patra, PhD, Peter Cavanaugh, EdD, Sarosh

Patel, PhD ('12, CSE), Xingguo Xiong, PhD, Zheng Li, PhD,

Ali Baker, PhD, Gew-Rae Kim, PhD, Michael Lohle, PhD,

Timothy Raynor, DBA, Andrew Deacon, EdD ('21), Claude

Mayo, JD, Kathleen Wallace, EdD ('20), Ioana Badara, PhD,

Jeffrey Vance, EdD, Judith Moeller, MA, Nelson Ngoh, PhD,

Patricia Buxton, EdD, Tonya Chacon, EdD

College of Health Sciences

Kevin Kelliher, PhD, Salvatore Diaz, DNP(c) MSN, RN, Sandra

Stramoski, MS, Sara Wallace, MSH, PA-C

College of Science & Society

Abu Hossion, PhD, Anthony Ross, Jr., PhD, David

Oberleitner, PhD, Elizabeth Haas, PhD, Kathleen Engelmann,

PhD, Liane Leedom, PhD, Lioubov Pogorelova, Md Khabir

Uddin, PhD, Natalia Belfiore, PhD

Goodwin University

Marketing: Phil Moore, Caleb Prue, Charissa Bass, Sibley

Muschinsky, Liz Belleau, Kevin Peloquin, Susanna Seery,

Geonna Synder

Advanced Manufacturing Mobile Training Lab: Cliff

Thermer, EdD, Melanie Hoben, MS, Les Simnock, Guy LaBella,

Scott Kennedy

Gold Sponsors

Entrepreneurship Foundation, Mike Roer ('08)

UB Offices of the President, Provost, Innovation, Strategy, and Advancement, and Finance

Breakfast Sponsor

UB's Student Government Association

Fatima Khan, Crystal Rankin, Kiana Robinson,

Roshan Bhatt, Jaryee Cooper, Junghee Sohn

White Sponsors

Joanna A. Badara, PhD

Khaled Elleithy, PhD

Home Harvested Herbs & Bella Alpacas, Judy Apicella, MS

Alumni & Friends Sponsors

Barbara James, Gordon Stier, Lorraine Taylor ('76),

Prof. Hal Tepfer ('78), William "Bill" Moran ('74),

Julie Demers, CRA

SILENT AUCTION PRIZES

UB Faculty Authors

Co-occurring Mental Illness and Substance Use Disorders:

Evidence-based Integrative Treatment and Multicultural

Application 1st Edition edited by Fredrick Dombrowski, PhD*

Innovations and Advances in Computer, Information, Systems

Sciences, and Engineering 2013 ed. (Two Volumes) edited by

Khaled Elleithy, PhD*

UDL University: Designing for Variability Across the

Postsecondary Curriculum by Randy, Laist, PhD

Yankee's New England Adventures: Over 400 Essential Things

to See and Do by Eric Lehman, MA*

UB Alumni Authors

After the End by Sean Heffron, EdD ('22)

Power Economics: An Executive Guide to Energy Efficiency,

Conservation, and Generation Strategies by Elena Cahill, JD*

On a Quest to Find Him Whom My Soul Loves: The Journey

Begins & On a Quest to Find Him Whom My Soul Loves by

Marjorie McAllister

Unstoppable Happiness, The View from Within, & Let's Be

Friends by Donna Martire Miller

The Endangered Customer: 8 Steps to Guarantee Repeat

Business by Richard Shapiro ('67)

Friends of UB Authors

Uncolonized Latinas: Transforming Our Mindsets And Rising

Together by Valeria Aloe, MBA

Aftermath of Jennifer Kesse's Abduction by Bill Gilmour

Look, Ma! No Hands!: Life's Lessons Learned the Hard Way by

Doe Hentschel, PhD*

Special Thanks

*These items are posted on-line and can be bid upon using *Text2Bid Maestro Software Auction Bidding* - Text "UBRISE" to 71760. For those attending UB RISE in person, the other items are available as silent auction bids, visit the Social Room in the John J. Cox Center for more information and other exciting items.

PRIZE GIVE AWAY DONORS

Angie's Aqua Seafood Market – Dave Henry
Amity High School Research Program – Cathy Piscitelli
Asprola Coffee – Timothy Raynor, DBA
Pepsico - Dale Collins
The Emporium – Mike Roer ('08)
UB Alumni Association
UB Fones School of Dental Hygiene