



**STUDENT  
SCHOLARSHIP  
WEEK**  
APRIL 15-21, 2024



**MONMOUTH  
UNIVERSITY**

[monmouth.edu/scholarshipweek](https://monmouth.edu/scholarshipweek)

## Dear Participants and Guests:

On behalf of the entire Monmouth University community, it is my pleasure to welcome you to our 2024 Student Scholarship Week, a dynamic showcase of the academic and creative endeavors of our student body. This week-long event, set against the backdrop of our vibrant campus, promises to engage, enlighten, and inspire through a series of presentations, performances, and exhibitions that highlight the depth and breadth of our students' scholarship and research.

From the Hawk Talks that kick off our week to the diverse range of activities spanning disciplines from the sciences to the arts, every session is a testament to the curiosity, dedication, and excellence that define the Monmouth University student experience. Our program includes not only traditional academic presentations but also innovative exhibitions and performances, reflecting the diverse talents and interests of our student community.

We are proud to host a variety of sessions that invite collaboration, discussion, and discovery, facilitated by our dedicated faculty and the enthusiastic participation of students. This year, the inclusion of virtual exhibitions and online discussions ensures that our community's scholarly dialogue reaches beyond campus boundaries, inviting participation from afar.

As you peruse the research abstracts in the Scholarship Week program and participate in the events of the week, I encourage you to engage fully with the ideas and creativity on display. The work of these students represents their individual academic journeys and also the larger tapestry of knowledge and culture at Monmouth. The student research presentations and projects are not just assignments completed, but stepping stones toward their future contributions to our society and world.

I am grateful to our faculty and staff who have helped guide and support our students' scholarly ambitions. I am likewise grateful to our cross-disciplinary steering committee whose collaborative efforts have helped to develop an outstanding roster of programs and activities for Thank

you for joining us in celebrating the achievements of our students. I hope the events of the week offer you insight, inspiration, and a renewed appreciation for the power of education to transform lives and communities.

Dr. Patrick F. Leahy  
President

# 2024 Scholarship Week at a Glance

## Saturday, April 13

7 p.m.	<b>SHSS</b> -”The 25th Annual Putnam County Spelling Bee”	Woods Theatre
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## Sunday, April 14

7 p.m.	<b>SHSS</b> -”The 25th Annual Putnam County Spelling Bee”	Woods Theatre
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## Monday, April 15

7 p.m.	Hawk Talks	SSC-Anacon A/B
11 a.m. - 2 p.m.	Reception & Poster Expo	SSC Anacon A/B

## Tuesday, April 16

All Day	<b>SoE</b> - Virtual Scholarship Exhibition	Online
12 p.m. - 1 p.m.	Pizza & Posters	SSC-Anacon A/B
2:50 p.m. - 4:10 p.m.	<b>SHSS</b> -Intercultural Communication	TBA
2:50 p.m. - 4:10 p.m.	<b>SHSS</b> -Communication-Stories	TBA

## Wednesday, April 17

All Day	<b>SoE</b> - Virtual Scholarship Exhibition	Online
All Day	<b>SHSS</b> -Art & Design-Future Collaborative	600 Courtyard
11 a.m. - 12 p.m.	<b>SHSS</b> -Criminal Justice Senior Posters	SCC-Anacon
11:40 a.m. - 1 p.m.	<b>SHSS</b> -Communication-Gender & Race	TBA
11:40 a.m. - 1 p.m.	<b>PROVOST</b> -Writing Services - Practices/	Edison 240A
12 p.m. - 1 p.m.	Policies	SCC-Anacon A/B
2:45 p.m. - 4:15 p.m.	Pizza & Posters	Pozycki 115
4 p.m.	<b>PROVOST</b> -First To Fly: Collab with	Bey Hall
4 p.m.	CommWorks	Pollak Lobby
5 p.m.	<b>LHBS</b> -Halk Tank 2024	Pollak Theatre
6 p.m. - 8 p.m.	<b>SNHS</b> -Meet a Research Mentor	Bey Hall 231
	<b>SNHS</b> -Speaker-Dr. Tim Marshall	
	<b>LHBS</b> -7th Annual Hess Excellence in Scholarship Series	

## Thursday, April 18

All Day	University Poster Expo (last day)	SSC-Anacon A/B
All Day	<b>SoE</b> - Virtual Scholarship Exhibition	Online

## 2024 Scholarship Week at a Glance

3 p.m. - 4:30 p.m.      **PROVOST**-Monmouth University Authors Reception & Library Research Awards Presentation      GH-Abele Room

### Friday, April 19

All Day      **SoE**- Virtual Scholarship Exhibition      Online  
8 a.m. - 5 p.m.      **Honors School**-Research Conference      Library  
1 p.m.      **SNHS**-3 Minute Thesis Competition      Pozycki 115  
6 p.m.      **SHSS**- Blue Hawk Spring '24 Album Release      Doherty House

### Saturday, April 20

3 p.m.      **SHSS**-MU Players "Direct from Hamburg"      Woods Theatre  
7 p.m.      **SHSS**-MU PLayers "We All Want to Change the World"      Woods Theatre

### Sunday, April 21

9 a.m. - 4 p.m.      **SHSS**-Psychology-Semi Annual Undergraduate Research Conference      Great Hall

# 2024 Scholarship Week Passport Program

The **Passport Program** provides students with an opportunity to obtain recognition for their participation and attendance in events hosted during **Scholarship Week**, with an opportunity to win prizes at the end of the week. Just obtain an official Scholarship Week program, and obtain a stamp at each event attended (passport card in back pages of this program), and win either a \$5 or \$10 gift card, or a chance to enter the Grand Prize giveaway at the end of the week's activities!

- Obtain official stamps from 3-4 events attended and win a \$5 gift card to Dunkin Donuts (limited to the first 50 students)
- Obtain official stamps from 5 or more events attended and win a \$10 gift card to Dunkin Donuts (limited to the first 50 students)
- Students can only receive **either** the \$5 or the \$10 gift card.
- Stamped Passport cards must be submitted to Great Hall 211 (Provost's office) by **Tuesday, April 23** at 5PM.
- Participants must have a Passport Card with **6** or more stamped events to enter for the Grand Prize giveaway. The winner will be announced on Wednesday, April 24.



Participation in the "Passport Program" is open to any student of Monmouth University who is currently enrolled in classes during the Spring 2024 semester.

# MUHAWKTALKS MUHAWKTALKS MUHAWKTALKS MUHAWKTALKS

**Monday, April 15, 2024** • 10 a.m. - 2 p.m.

Rebecca Stafford Student Center, Anacon A/B

**Moderators:** Dr. Shannon “Nikki” Clifford, Acting Dean, Marjorie K. Unterberg School of Nursing & Health Studies Kurt W. Wagner, University Librarian, Murry & Leonie Guggenheim Memorial Library

Opening Remarks by Dr. Patrick Leahy, President

Closing Remarks by Dr. Richard Veit, Interim Provost & Senior Vice President for Academic Affairs

## **Schedule**

10AM - 11AM	HawkTalks
11AM - 12PM	Lunch
12PM - 2PM	Poster Viewing

Visit [monmouth.edu/scholarshipweek](https://monmouth.edu/scholarshipweek)  
for a complete listing of Scholarship Week activities

# 2024 Hawk Talk Speakers

\* Indicates an Honors  
School student

## **Kathryn Marshall**

Junior, Biology

Evaluating Diamond-backed terrapin (*Malaclemys terrapin*) nesting and reproductive vulnerabilities at Sandy Hook National Recreation Area

## **Meghan Reilly\***

Junior, English-Journalism

Innocence Lost, and Found: Forced and Unforced Maturation in Judith Ortiz Cofer's "Silent Dancing"

## **Christopher Meehan**

Senior, Biology-Geographic Information Systems

Eastern Box Turtle Habitat Preferences Amidst Urban Encroachment

## **Maria Aguiluz\***

Senior, Health Promotion

Brain Train - A Mobile App for Assessing Performance Anxiety within Collegiate Athletes

## **Sean Fritz**

Senior, Computer Science

Mentoring Creating Software to Secure and Protect Data and Online Information

## **Jessica Gershenow & Elizabeth Hsu**

Doctorate, Occupational Therapy

Wellness Wednesdays: A Collaboration Between Occupational Therapy and Counseling and Prevention Services

## **Emily Verzicco,**

Graduate Student, Physician Assistant

Let's have a kiki: Discussing Creating a Safe Space in Medicine for LGBTQ+ Patients

**Taiphane Orange\***  
Senior, Political Science  
Too Young to Say Yes

# 2024 Hawk Talks

## EVALUATING DIAMOND-BACKED TERRAPIN (*MALACLEMYS TERRAPIN*) NESTING AND REPRODUCTIVE VULNERABILITIES AT SANDY HOOK NATIONAL RECREATION AREA

Kathryn Marshall, Junior, Biology

The Diamond-backed Terrapin (*Malaclemys terrapin*, DT) is the only turtle species found in brackish waters in the United States, across its range from Cape Cod, Massachusetts to Corpus Christi, Texas. With reliance on both aquatic and terrestrial habitats, DT faces challenges due to climate change including sea level rise, flooding from increasingly strong storms, and fluctuations in air and soil temperature.

To thoroughly assess the effects of environmental changes, we studied the spatial nesting ecology of DT on Sandy Hook using beach nesting surveys and camera traps and compared these findings to a study from 2002. The main goal is to acquire an understanding of nesting behaviors, quantify the nesting population, and map the spatial distribution of nests in known nesting areas. Intensive nesting surveys involved walking along nesting beaches daily, while camera traps were strategically placed in the most opportunistic areas for documenting nesting terrapins along with nest predators.

In 2023, we found 13 live adult terrapins and 277 depredated nests. Noteworthy predators of these nests consisted of red foxes, raccoons, American crows, and ghost crabs. However, human activity continues to present the most significant threat to DT primarily through the recreational utilization of nesting habitats. An observation revealed a total of 195 instances of dogs engaging in behaviors such as digging, barking, or running through water within designated search areas. To further continue this study, DT will be monitored on Fire Island National Seashore U.S. National Park Service in the summer of 2024.

## 2024 Hawk Talks

### **INNOCENCE LOST, AND FOUND: FORCED AND UNFORCED MATURATION IN JUDITH ORTIZ COFER'S "SILENT DANCING: A PARTIAL REMEMBRANCE OF A PUERTO RICAN CHILDHOOD"**

**MEGHAN REILLY\*, JUNIOR, ENGLISH-JOURNALISM**

My research project's aim is to provide an intersectional approach to a content-based literary analysis, demonstrating how literature can serve as a mediating response to adolescent hardship and can describe the adversity of forced maturation and early onset emulation of maturity. Through reading the narrative prose and poetry in "Silent Dancing: A Partial Remembrance of a Puerto Rican Childhood," Judith Ortiz Cofer draws on her experiences to craft meaningful conversations of metropole and subaltern, of literary genres, of storytelling media, of languages, and of the intersection of gender, class, and ethnicity. This lesser-known bilingual and multi-genre coming-of-age book by a New Jersey author creates ambiguities in which adolescent readers may find themselves, an important notion to oppose cultural resistance and conformity while crafting a hybrid identity and the perception of unforced maturation.

### **EASTERN BOX TURTLE HABITAT PREFERENCES AMIDST URBAN ENCROACHMENT CHRISTOPHER MEEHAN, SENIOR, BIOLOGY-GEOGRAPHIC INFORMATION SYSTEMS**

Urbanization has resulted in the spread of suburban landscapes across the northeastern United States, which has dramatically transformed natural landscapes and has had countless impacts on the environment, and the organisms that are found in these areas. Among the groups affected by urbanization, terrestrial turtles have arguably had the most challenges, with habitat loss and fragmentation, road mortality, and barriers to movement, which test their ability to survive in novel suburbanized landscapes.

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To better understand how turtles persist and make use of habitats that have been heavily modified by humans, we undertook a study of the habitat selection of Eastern box turtles (*Terrapene carolina carolina*), a terrestrial turtle species native to the eastern United States, at a Monmouth County conservation area. Habitat selection is the ecological process in which organisms preferentially choose specific habitats from the available options in their environment. To conduct our study, we located turtles using radiotelemetry and then used a one-meter quadrat to determine habitat features, including the dominant cover type, substrate type and canopy density in the area that the turtle occupied. Other data was also recorded about the area the turtle was found in such as the distance of the turtle to paths, downed logs, and shrubs. A similar set of data was collected at a random location, associated with each turtle location, to determine if the turtles were preferential in their habitat selection. We will use the habitat data from used and random turtle locations to better understand if and how turtles are using habitat features disproportionate to their availability. Turtles are among the most threatened taxa of the vertebrates, and by learning more about their habitat needs in new environments, we can ensure that common species, like the box turtle, remain common.

### **BRAIN TRAIN - A MOBILE APP FOR ASSESSING PERFORMANCE ANXIETY WITHIN COLLEGIATE ATHLETES**

**MARIA AGUILUZ\*, SENIOR, HEALTH PROMOTION**

Performance anxiety, also classified as competitive anxiety, negatively impacts athletes by provoking adverse psychological responses toward a competition within their sport. Performance anxiety is triggered by external and internal factors that can induce physiological responses, ultimately impacting the athlete's ability to reach optimal performance. Athletes can experience performance anxiety before or during competition, resulting in a discrepancy between the athlete's capacity and

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skills during a game and practice. Exploring performance anxiety within collegiate athletics is fundamental as it can be a pivotal factor in whether an athlete will reach their full potential at the collegiate level, which can result in frustration, development of mental illness, and retirement from their sport.

Assessing performance anxiety within team and individual collegiate sports can lead to a comprehensive understanding of the coping strategies that could be implemented to facilitate psychological help to specific athletes based on their sport. Although mechanisms exist to assess components of performance anxiety, the purpose of this proposal is to merge findings from both existing coping strategies and existing literature on the impact of performance anxiety within individual and team sports to develop a mobile application to assist sports psychologists in tackling performance anxiety within collegiate athletics.

This project aims to facilitate monitoring and dialogue between student-athletes and sports psychologists through a mobile app to easily document and assess what triggers performance anxiety within specific athletes and their teams, ultimately leading to mental health support and well-being. The team sports assessed were ice hockey and basketball, and the individual sport assessed was bowling. Findings within these sports can be generalizable and applied to similar disciplines.

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## **WELLNESS WEDNESDAYS: A COLLABORATION BETWEEN OCCUPATIONAL THERAPY AND COUNSELING AND PREVENTION SERVICES**

**JESSICA GERSHENOW, DOCTORATE, OCCUPATIONAL THERAPY**

**ELIZABETH HSU, DOCTORATE, OCCUPATIONAL THERAPY**

Rising mental health issues among college students inspired the creation of the Wellness Wednesday programming here at Monmouth University, which aims to enhance the mental health and well-being of the student population. The collaborative nature of this initiative involves coordination between two distinct university departments, paving the way for broader collaboration in developing future programs and events. Both project initiators share a personal commitment to mental health and well-being, aligning their capstone experiences with the goal of creating a stronger Monmouth University community.

The project seeks to raise awareness about accessibility to resources at the Monmouth University graduate center, offering additional support and tools for undergraduate students to improve their mental well-being. Ultimately, the significance of this project lies in its potential to contribute positively to the Monmouth community by providing valuable resources for mental health improvement among students.

## **MENTORING CREATING SOFTWARE TO SECURE AND PROTECT DATA AND ONLINE INFORMATION**

**SEAN FRITZ, SENIOR, COMPUTER SCIENCE**

In my presentation, I seek to explore the ubiquitous but often overlooked issue of online data security. I will highlight the common practice of multiple accounts with identical passwords, and the potential risks that come from such a thing. Drawing from personal research and projects, I seek to discuss a system for an Account Manager of my own that is designed to prioritize user privacy and security. Through this, I intend to

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delve into the process of designing Software, programming languages like Java, and essential security practices such as encryption and basic data protection. With a overarching theme on empowering users to protect their data and privacy online, I look to offer a timely and practical discourse on a topic relevant to all Internet users.

### **LET'S HAVE A KIKI: DISCUSSING CREATING A SAFE SPACE IN MEDICINE FOR LGBTQ+ PATIENTS**

**EMILY VERZICCO, GRADUATE STUDENT, PHYSICIAN ASSISTANT**

Cultural competency is vital to well-rounded, patient-centered health care. Sexual identity and orientation are frequently overlooked as aspects of culture in medicine, but it is vital to be inclusive to sexual and gender minorities to achieve intersectionality. We have made great strides in medicine towards inclusivity, but there are still massive gaps in the treatment of sexual and gender minorities. As a bisexual physician assistant student, I understand what it's like to go through the medical system not only as a queer patient, but a queer provider. Historical barriers to care including LGBTQ+ stigmatization, offensive medical terminology, high costs for gender affirming care, and unhampered discrimination, have created a precedent of medical disenfranchisement for the LGBTQ+ community.

As physician assistants we are in the unique position to enter the medical field immediately out of graduate school and challenge this underutilization of care. This is achieved by creating a safe space in our medical facilities. But what exactly is a safe space, and what changes need to be made to make a historically hostile system into an open, nonjudgmental one? This Hawk Talk discusses changes that can be made in every day medical practice that make medicine an inclusive and respectful space for all members of the LGTBQ+ community. Eliminating gendered terminology on intake forms, asking open ended questions, and

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normalizing existence outside of the binary are some of the many ways we as physician assistants can take accountability in medicine.

Making medicine a safe space is the best way we can address disparities facing sexual and gender minorities including increased risk of youth suicide and vulnerability to human trafficking. Although this is just a small insight into what can be done to overcome the gaps in care the queer community faces, listening with an open mind and advocacy for respect of patients is the best place to start. data protection. With a overarching theme on empowering users to protect their data and privacy online, I look to offer a timely and practical discourse on a topic relevant to all Internet users.

### TOO YOUNG TO SAY YES

TAÏPHANE ORANGE\*, SENIOR, POLITICAL SCIENCE

Child marriage is defined as marriage before age 18, the legal age of marriage in many countries. According to the United Nations, child marriage violates human rights, denies children the full opportunity and their right to education, impacts their long-term health, makes them vulnerable to intimate partner and domestic violence, and robs them of their childhood experiences that lead to becoming healthy adults. The UN Convention for the Elimination of Discrimination Against Women (CEDAW), ratified by under 200 member states, seeks to set the standards and norms about child marriage and combat violence against women.

This research focuses on the laws regarding child marriage and offers a comparative assessment of child marriage in the United States, Niger, and Brazil. These three countries vary in cultural and historical experiences, yet they all have high incidences of child marriage. The study will also examine the impact of child marriage at the individual and community levels from an economic, psychological, health, and socio-cultural

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perspective. Finally, it will reflect on how the COVID-19 pandemic has affected child marriage in these countries.



## 2024 Student Scholarship Week Committee

### Co-Chairs

Shannon (Nikki) Clifford, Acting Dean, School of Nursing and Health Studies  
LoriAnne Perrine, Executive Assistant to Provost Rich Veit  
Kurt Wagner, University Librarian

### Members

Jim Pillar, Vice President for Student Life  
Jenny Ross, Acting Dean, Honors School  
MyKellan Maloney, Director of Global Education,  
Janeth Merkle, Assistant Dean, LHBS  
Jonathan Daigle, Assistant Professor, LHBS  
Alex Romagnoli, Interim Associate Dean, School of Education  
Carol McArthur-Amedeo, Lecturer, School of Education  
Danielle Frith, Specialist Professor, School of Education  
Michele Van Volkolm, Senior Lecturer, School of Humanities and Social Sciences  
Beth Sara Swanson, Lecturer, School of Humanities and Social Sciences  
Jamie Myers, Associate Professor, School of Nursing and Health Studies  
John Tiedemann, Assistant Dean, School of Science  
Jason Adolf, Endowed Professor, School of Science  
Leah Lazzaro, Acting Dean, School of Social Work  
Paul Urbanski, Associate Professor, School of Social Work

## 2024 Scholarship Week Posters

### **THE EFFECT OF HELPING ORGANIZATIONS' BENEFITS ON MOTIVATION TO VOLUNTEER**

**Julia Macey, Senior, Business Admin - Concentration in Economics & Finance**

**Makayla Monachino, Junior, Psychology**

The current study evaluated the effect of the kind of benefit a volunteer organization offers on volunteer motivation. Previous scholars have found that social benefits are more important than career benefits to volunteers and their motives. The study used a multi-group between subjects design with a sample of 41 college students at a private, predominantly White university in the northeast United States. Researchers randomly assigned participants to one of three conditions, showing a flyer for a volunteer organization that had a career, social, or no stated benefit to participants. A one-way Analysis of Variance (ANOVA) was used to assess differences between groups. Results showed that those in the career condition had a higher willingness to volunteer and had higher career motivation than those in the social condition, but not the neutral condition. Additionally, those in the social condition had a lower willingness to volunteer than those in the neutral condition. These findings replicate and expand on those of previous scholars, as the present study found that different volunteer benefits cause significant differences in some areas of volunteer motivation. A possible explanation for the results may be the population's career-oriented mindsets due to being college students, or their busy student lifestyles. Future research on this topic may choose to address the business of students in relation to volunteer motivation.

### **INFLUENCES OF SOCIAL MEDIA USE ON ADOLESCENT AND YOUTH MENTAL HEALTH**

**ALYSSA GORDON\*, SENIOR, NURSING**

With the progression of society, technology has immensely influenced individuals' daily practices. Social media use has exploded. Although social media facilitates connectivity between individuals, it can negatively alter individuals' mental status. Individuals become vulnerable to mental

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health conditions, especially due to their stage of life. Increased use of social media and the appearance of mental illnesses have become public concerns. One's mental status can significantly influence their quality of life. Thus, it is necessary to investigate this phenomenon, in order to minimize the risk factors that can result in the development of mental illness. This research utilized studies from scholarly database sources to collect information on factors that determine social media use impacts on youth mental health, as well as interventions to approach this matter. Some of the results suggested social media as merely being a threat to youth mental health, whereas other studies depicted potential positive outcomes of social media use. Although there is uncertainty regarding this matter, the literature proposed several interventions that can possibly optimize social media use.

### **CLINICAL PRACTICES TO MAXIMIZE EARLY DETECTION OF NON-SMALL CELL LUNG CANCER IN NON-SMOKERS**

**UROOSA ANWAAR, GRADUATE STUDENT, PHYSICIAN ASSISTANT**

There are two types of lung cancer; small cell and non-small cell lung cancer with latter being the most prevalent. Smoking is an eminent predisposing factor for lung cancer however, it is extremely crucial to recognize the risk of lung cancer among individuals who are never smokers but may have other predisposing factors including environment, gene mutations, secondhand smoking, and poor ventilation while indoor cooking. There exist screening guidelines for high-risk individuals requiring them to undergo low dose CT scan however, there are no guidelines for nonsmokers. Many nonsmoking patients diagnosed with lung cancer present with symptoms when the tumor has metastasized, and the risk of mortality has largely increased. Several studies resulted in detection of lung cancer in never smokers, and it was diagnosed at an early stage which favors development of screening guidelines for never smokers. The goal is to reduce mortality rates as well as early detection of lung cancer among never smokers through appropriate screening

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DOES THE COLOR OF SCRUBS WORN CHANGE THE WAY PATIENTS VIEW YOUR SKILL LEVEL?

McKayla Dottery, Junior, Nursing • Julia Jodelka, Junior, Nursing  
Grace Jordan, Senior, Nursing • Reema Kwara, Junior, Nursing  
Katie Lane, Junior, Nursing • Rebecca Raike, Junior, Nursing

The current study evaluated the effect of the kind of benefit a volunteer organization offers on volunteer motivation. Previous scholars have found that social benefits are more important than career benefits to volunteers and their motives. The study used a multi-group between subjects design with a sample of 41 college students at a private, predominantly White university in the northeast United States. Researchers randomly assigned participants to one of three conditions, showing a flyer for a volunteer organization that had a career, social, or no stated benefit to participants. A one-way Analysis of Variance (ANOVA) was used to assess differences between groups. Results showed that those in the career condition had a higher willingness to volunteer and had higher career motivation than those in the social condition, but not the neutral condition. Additionally, those in the social condition had a lower willingness to volunteer than those in the neutral condition. These findings replicate and expand on those of previous scholars, as the present study found that different volunteer benefits cause significant differences in some areas of volunteer motivation. A possible explanation for the results may be the population's career-oriented mindsets due to being college students, or their busy student lifestyles. Future research on this topic may choose to address the business of students in relation to volunteer motivation.

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### IMPACT OF WORKING NIGHT SHIFT ON NURSES' MENTAL HEALTH

Jaime Mulligan, Junior, Nursing • Natalie DeRose, Senior, Nursing  
Gianna Calandruccio, Junior, Nursing • Kelly Ramirez, Junior, Nursing  
Kylie Contreras, Senior, Nursing

The purpose of this study is to research the relationship between working the night shift and the potential impact it has on the mental health of nurses. Many clinical settings of health care aim to provide quality care to patients around the clock, increasing the demand for nurses to work during the night and disturbing their circadian rhythms. The circadian rhythm is obtained by a good night's sleep and has a major impact on mental, physical, and behavioral changes. It's our "biological clock" and when affected, can change who we are as a person. Drowsiness, poor concentration, and inability to learn are signs of circadian rhythm not being effective. Now looking into the perspective of a night nurse, how is this going to affect their job performance? Is sleeping during the day affecting their ability to get a good night's sleep? Most importantly, are they getting enough sleep after their shifts to obtain the full impact of circadian rhythm? Various systematic studies and surveys have been conducted that demonstrate increased symptoms of chronic fatigue, and psychological, and cardiovascular issues in people who have a constant disturbance in their circadian rhythm, for instance, night shift nurses. As BSN students who are rising seniors, beginning our professional career as RNs is right around the corner. Since many of us will choose to work night shifts, research on this topic can be crucial to maintaining positive mental health by learning coping strategies and ways to prevent poor mental health due to the overnight shift hours. When newer nurses enter the field, it's overwhelming, which is why education on maintaining a good mental health is very important.

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## GROSS GLOBAL HAPPINESS SUMMIT IN THE HOME OF PURA VIDA Rebecca Seubert, Graduate Student, Social Work

The Gross Global Happiness Summit brings leaders in happiness from all different fields, backgrounds, and countries to discuss current happiness research, practices, and future strategies for individual and global progress. People come together to learn, unlearn, and share experiences on the topic of happiness, bringing together a multitude of perspectives and expertise.

## ELIMINATING WHITE COAT SYNDROME

Bartholomew Buonocore, Junior, Nursing • Kalista Kerr, Junior, Nursing  
Anna Rose, Junior, Nursing • Grace Lancia, Junior, Nursing  
Morgan Kato, Junior, Nursing • Bridgette Blumetti, Junior, Nursing

“White Coat Syndrome” is a well-known phenomenon in the general public due to the effect it has on individuals pursuing medical attention or annual assessments. This syndrome causes sudden increases in blood pressure and heart rate due to the stress and overwhelming feelings of convincing oneself that there is something medically wrong. The heightened anxiety is related to the presence of doctors and healthcare professionals, who traditionally wear a white coat in the clinical environment. There is a possibility that altering the appearance of sed healthcare professionals may produce a positive outcome in the patient care setting. As nursing students in the clinical setting, we witness these sudden alterations in vitals, specifically on our arrival and departure from the room. Our research centers around replacing the traditional white coat worn by providers with common clothes. By harboring a more common and similar appearance to the patient, anxiety levels could be reduced. Consequently, the elevated blood pressures and heart rates of the patients affected by “White Coat Syndrome” would decrease, allowing a more accurate assessment of the patient. Researching the

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therapeutic and emotional effect of colors on individuals could also aid us. Furthermore, a provider donning a soothing-colored coat could produce similar effects. The expected outcome of our research is the reduction of patient anxiety during a doctor's visit. Our goal of this research is to make the environment within health care settings more patient friendly and less intimidating. As patients experiencing "White Coat Syndrome" is very common, it is time patients no longer have to experience this.

### **SPATIAL AND TEMPORAL PATTERNS OF THE PROHIBITED ATLANTIC ANGEL SHARK WITHIN THE MID-ATLANTIC BIGHT** Jessica Maguire, Senior, Biology

Angel sharks (*Squatina* spp.), are one of the most threatened genus of sharks. Atlantic angel sharks (*Squatina dumeril*) are federally protected from being harvested. Classified as "data deficient", which prohibits proper evaluation of the species due to lack of information.

### **PREPARATION, CHARACTERIZATION, AND CYTOTOXICITY OF CARBOXYLATE- STABILIZED RHENIUM COMPLEXES** Lyndsey Buren\*, Senior, Chemistry-Medical Laboratory Science

Rhenium complexes have been found to be selectively cytotoxic, or cause cell death, for cancer cells compared with normal human cells. Research in our group has explored a variety of carboxylate groups with the intent of identifying key characteristics that lead to selective cytotoxicity towards cancer cells. To date, that research has found simple straight chain carboxylate groups impart the most selectivity and cytotoxicity to such complexes. The specific research completed in this project includes the preparation and characterization of several new carboxylate-stabilized complexes along with a study of the effect of such complexes on the viability of cancer and normal human cells lines. The

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selective cytotoxicity of the rhenium complexes are examined based on the variations in the composition and structure of the carboxylate groups. Two separate methods were used to prepare  $\text{Re}(\text{CO})_3(\text{bipyridine})\text{X}$  complexes. The rhenium carboxylate complexes were prepared by refluxing  $\text{Re}_2(\text{CO})_{10}$  and bipyridine (or 1,10-phenanthroline) in an ester containing the desired carboxylate group. Some of the complexes were synthesized by acidolysis reaction of  $\text{Re}(\text{CO})_3(\text{bipyridine})$ - (pentylcarbonate) with the appropriate carboxylic acid. Recrystallization experiments were carried out to purify some complexes. Nuclear magnetic resonance (NMR) spectroscopy and infrared (IR) spectroscopy were used to characterize the complexes. Combustion analysis for the percent carbon, hydrogen, and nitrogen in the new complexes determined the purity of the new rhenium complexes. Pure samples of new complexes are being tested for their effect on the viability of both cancer cell lines and normal cell lines.

### **PREGNANT WITH SUBSTANCE ABUSE DISORDER**

**Kristina Horvathova, Graduate Student, Social Work**

Addiction and the war on drugs is a continuous social problem today. The issue at hand are the effects of substance use disorders (SUD) while being a pregnant woman and its implications. SUD is a recurrent use of alcohol and/or drugs that causes significant impairment, such as health problems, disability, and failure to meet responsibilities at work, school, or home (SAMHSA, 2023). It is an ethical principle to help people in need to address social problems, challenge social injustice, respect the dignity and worth of the person, and its importance of human relationships (NASW, 2021).

## 2024 Scholarship Week Posters

### MEASUREMENT AND DETERMINATION OF THE PROTEIN COMPOSITION OF BEYOND RAW HYDROLYZED WHEY PROTEIN POWDER

Lyndsey Buren\*, Senior, Chemistry-Medical Laboratory Science

This study tests the veracity of Beyond Raw's claim that their protein powder is a vegetarian protein alternative that provides athletes the freedom to remain vegetarian while able to consume protein. We tested the authenticity of Beyond Raw's claim that their protein powder indeed contains the seven major proteins that compose whey protein (WP). The cheesemaking process separates WP into a liquid that is an excellent source of high-quality protein. WPs are composed of beta-lactoglobulin (BLG), alpha-lactalbumin (ALA), bovine serum albumin (BSA), lactoperoxidase (LP), immunoglobulins, glycomacropeptide, and lactoferrin (LF), which can boost the immune system and minimize inflammation. We performed several biochemical analyses to identify different WPs present in Beyond Raw. Ion Exchange Chromatography (IEC) separated different proteins based on their charges, whereas the individual components were identified by SDS-PAGE and Western blot. The most abundant WPs present in Beyond Raw are ALA, BLG, and BSA. The study did not show any conclusive evidence for LP and LF, which is due to inconclusive results from the IEC. The study's overall findings do not confirm Beyond Raw's nutritional claim.

### SPORTS PSYCHOLOGY UTILIZATION AND EFFECTIVENESS FOR INJURY RECOVERY IN SCHOOLS SPONSORING NCAA DIVISION 1 ATHLETICS

Ava Allen\*, Senior, Chemistry

Being an athlete my whole life, and a current college athlete, I have seen how injuries can really take a toll on an athlete, not just physically, but mentally as well. The first time I was ever exposed to the idea of sports psychology was just last year when Monmouth added a full-time sports psychologist to the athletic staff. I began to think of how sports

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psychology could be a helpful resource to aid recovery as well as how it could be incorporated into return to play. Most current return to play protocols includes a variety of physical tests and a brief survey about the athlete's mental health to access if additional resources are needed or if the athlete is mentally ready to return. I believe that sports psychology is an effective method for promoting a positive injury rehabilitation process and can be utilized by Division 1 programs to help athletes work through and cope with any mental issues they may be having and feel more confident returning to play.

### **JUMPING INTO SUCCESS WITH "JUMP ROGI" - EXPLORING RESILIENCY**

**Katherine Smith, Freshman, Health Studies**

**Kali Haney, Graduate Student, Speech-Language Pathology**

Growing is not just a one-and-done concept, it is a learning process that requires many external interventional means to excel. One of these external interventions that may be utilized as a resource is video games. Jump Rogi encourages learners to question what they are doing, and allows them to feel emotions and experience things that are demonstrative of those we feel as adults. When a character fails and "dies" in the game from missing a landing platform, they are able to analyze the situation, and pick up where they left off. The knowledge that failure is not final, and that life is merely a series of trials and errors, encourages the player to understand that success is not always a straight shot, but it is attainable if one remains persistent and maintains their resolve to grow, face challenges, and emerge even stronger than before. Playing Jump Rogi inside and outside of the classroom promotes the idea that having a growth mindset means affirming one's own eventual success throughout the learning process. With every jump, one comes closer and closer to overcoming what once seemed impossible. So let's play, because as Pie says: "The world needs to see your amazing jumps!"

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## **COST ISSUE WITH STANDARDIZATION IN WARD'S CAR DETAILING**

**Olivia Denney, Junior, Business Administration • Marc Rongetti, Senior,  
Business Administration • Gerard Varaneli, Senior, Business Administration  
Brian Pawelek, Junior, Business Administration**

As students in the BA 320 Managerial Cost Analysis Course, we have dedicated coursework to doing a cost analysis of a car detailing company where the owner is one of our group members. Ward Car Detailing was established by senior at Monmouth, Marc, in 2019 in Rumson NJ. We are inspired by his entrepreneurship and decided to assist in creating an in-depth analysis of the different costs that his company incurs. In this presentation, we will be discussing the costs that go into creating this service, and ways in which pricing his jobs can be complicated due to the variety of variables that come with each project. We will show a breakdown of the types of costs along with the flat line rate that may cause discrepancies between customer desires. Also, we will present a proposed solution to this issue.

## **SPATIAL ECOLOGY OF AN EASTERN BOX TURTLE POPULATION PERSISTING IN AN INSULARIZED COUNTY PARK**

**Richard Robinson, Senior, Biology-Geographic Information Systems**

The Eastern Box Turtle (*Terrapene carolina*: hereafter EBT) is a terrestrial species heavily impacted by the human modification of their habitat, and are declining due to habitat fragmentation, habitat loss, transmissible diseases, and increased road mortality. Urban and suburban development in New Jersey is reducing the land available for EBT populations; compressing them into undeveloped patches of land, which may or may not be ecologically ideal. The objective of this study is to characterize the spatial ecology of EBT populations and contrast them to EBT that live in non-fragmented habitat. Smaller home ranges are expected for the suburban EBT populations, due to human modification

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to the environment that can restrict their movement, but also due to road mortality. An EBT population within a multi-use suburban county park in Monmouth County, New Jersey were studied from June 2022 to October 2023 for their spatiotemporal movements. 24 EBT were affixed with 15-g radio transmitters. Bi-weekly surveys for the location of each individual were obtained with an average of  $33.13 \pm 11.68$  locations for each individual. In this study, we report on preliminary home range estimates, using minimum convex polygons and kernel density estimation, of EBT in this suburban park. The study area has a dense population of EBT with 235 incidental individuals found, and contains several different habitat types: hardwood forests, wetlands, old fields, and pinelands. We expect that the home ranges of this population of EBT are more reduced than that of EBT within contiguous preserved land, and that females will have larger home range sizes compared to males as the females may travel more in search of nesting sites.

### EXPLORING THE ILLUSTRATIONS ON THE @JUSTSTUTTER INSTAGRAM ACCOUNT Ashley Zingillioglu, Senior, English

People who stutter (PWS) have experienced benefits when utilizing social media-specific websites and online-based applications to digitally connect and share with other PWS.

### UNDERSTANDING THE CAUSE OF FOOD INSECURITY IN HAITI Alexander Mykulyyn, Senior, Political Science-Geographic Information Systems

This research examines the state of food production and security in the island country of Haiti. Presently, almost half of the Haitian population is food insecure, among the highest rates in the world. The country's food imports have risen from around twenty percent to around fifty percent in just forty years. At the same time, the country is gripped by

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political instability and continues to be vulnerable to natural disasters and extreme weather events. Climate change will only continue to threaten the island, shifting growing seasons, threatening the mostly coastal population with sea level rise, and increasing the severity of extreme weather. Along with these conditions creating dire living conditions in the country it has also forced many to flee with more than fifty-thousand fleeing the country in 2022. Understanding the complexities of Haiti's food system and its shortfalls is key to both beginning to produce stability in the country as well as preparing to adapt to the complications of climate change.

To conduct this research, a case study methodology will be implemented. This will allow an examination of the historical, political, and environmental factors contributing to the current hunger crisis. It will also allow for a glimpse into the near future of food insecurity in the country.

### SOCIAL ISOLATION OF DOMESTIC VIOLENCE IN MARGINALIZED COMMUNITIES Sonja Pabon, Sophomore, Social Work

Covid 19 Impacted higher social isolation. Covid 19 forced woman and families to become stuck in a home with their abuser. The effect of this pandemic has increased the incidents of domestic violence (DV) per the report of national commission by 8.1 % incidents, and approximal about 1,330 more domestic phone calls on the hotline.. Adding the impact marginalized communities face with dv, Covid 19 effected this communities way of living, finically, environmentally, and emotionally. The violence against woman policy became compromised, because of the isolation of socialization that took place during Covid 19, and the number of shelters became unavailable because of the DV cases rising. Underdeveloped communities were then impacted due to not having enough funds to help women and families flee which had a bigger negative effect on the marginalized communities.

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## ISOLATION OF AN APTAMER SELECTIVE TO GLUCOSE

Deirdre Campbell\*, Junior, Chemistry

Diabetes is a disease that hundreds of million people live with daily throughout the world. Although this disease is typically not fatal, it can be if not treated properly. The day to day life of a person with diabetes consists of blood sugar monitoring by finger pricks, insulin injections and strict diet. The research for a glucose aptamer would be the first step to eliminate the need for all of this. This project uses Systematic Evolution of Ligands by Exponential Enrichment, or SELEX, to select RNA that binds specifically glucose. The process is a cycle beginning with a PCR from a pool of millions and billions different DNA sequences, then transcription to RNA, negative selection, positive selection, and reverse transcription back to DNA. The conclusion of the reverse transcription is the beginning of the next generation where each generation becomes more selective to glucose. Eventually the RNA would be sequenced and converted to a riboswitch. A riboswitch is a sequence of untranslated mRNA that can bind a specific ligand, in this case glucose, and transmit a signal to the expression platform to start the reaction to make a protein. For this project the riboswitch would begin the production of insulin only in the presence of glucose. By making insulin outside of the pancreas, diabetes patients would no longer need insulin injections or constantly monitor their blood sugar levels. The project is currently on its 27th generation and is continuing to move forward. Once we obtain a high ratio of positive over negative cleavage percentages we will begin the process to clone DNA and individually test sequences to find an aptamer that cleaves only in the presence of glucose.

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## WOMEN IN GROUP WORK: STRONGER TOGETHER

Jenna Basto, Senior, Social Work • Darian Constantine, Senior, Social Work  
Gracie Krall, Senior, Social Work • Brooke Murphy, Senior, Social Work

After attending the presentation, participants will be better prepared to understand the true roots of what makes group work what it truly is. It is important to take into account what is going on in the world and how it is affecting members of certain communities. Forming groups based on these challenges the community members are facing is so important. Forming groups based on similar obstacles and hardships can help us stay connected and feel less alone, even when we may feel at times the world is against us. We want people to take away that forming groups of support will generate strength and empowerment for every group member; with group work, we can find people going through similar obstacles, empower one another to overcome these things, and become stronger together from it.

## AGING WITH DIGNITY IN 2030

Sarah Schuld, Freshman, Social Work

By the year 2030, older adults are predicted to outnumber the youth of the world, meaning that specific practices must be implemented to prevent the human rights issues that are anticipated to arise. With the already frightening statistics on elder abuse, ageism, financial instability, and poverty rates in older adults, global governments and societies are wildly unprepared for the actions necessary to prevent the exacerbation of these issues. These next few years can be an opportunity to not only improve, but enhance the well-being of older adults. Social workers can play a pivotal role in helping us move towards the transformations needed by working at the micro, mezzo, and macro levels with older adults, globally and locally. With hope for the future, this rising generation can take advantage of a true opportunity to adapt to the modern world.

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## A POPULATION AND DISTRIBUTION ANALYSIS OF THE INVASIVE ASIAN SHORE CRAB IN UPPER BARNEGAT BAY

A. Diederik Boonman Morales, Senior, Biology-GIS

The Asian Shore Crab (*Hemigrapsus sanguineus*) is an aquatic invasive crustacean in the United States. This crab is native to rocky intertidal habitats along the Western Pacific, mostly found in China, Korea, and Japan. It is believed to have been introduced to waters in the Mid-Atlantic through ballast water in the 1980s. Since then, Shore Crab populations have increased rapidly in quantity and geographic distribution, having spread as far north as Maine and south to the Carolinas.

Field surveys between 2013 and 2015 at sites in upper Barnegat Bay characteristic of adult Asian Shore Crab habitat, revealed their presence inhabiting rocky intertidal shorelines. These records of the presence of adult *H. sanguineus* provided the first evidence of an extension of the species' range in the region. To update the status of populations of the Asian Shore Crab in upper Barnegat Bay, sites previously studied were revisited, as well as new potential suitable habitats. Field surveys were conducted during low tide by randomly placing a 1 m<sup>2</sup> quadrat every 10 m along a transect and haphazardly overturning rocks within. All organisms were captured and identified, Shore Crabs were also measured, and sexed.

## SIMPLIFYING ACOUSTIC ANALYSIS OF VOICE DURING VOICE EVALUATION

Sarah Incorvaia, Graduate Student, Speech-Language Pathology  
Beau Braun, Graduate Student, Speech-Language Pathology

Typical methods for eliciting voice during the clinical voice evaluation require the use of speech samples which are varied in their phonetic contexts. These same speech samples are often acoustically analyzed as part of voice evaluation methods. One instrument used in clinical voice

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evaluation is the Consensus Auditory-Perceptual Evaluation of Voice (CAPE-V). The CAPE-V includes multiple sentences with varied phonetic contexts. Due to time constraints, speech-language pathologists often choose only one of the CAPE-V sentences to analyze acoustically. It is unclear, however, which of the sentences may be the most useful in better understanding the characteristics of a voice disorder through acoustic analysis. Therefore, we set out to investigate the relationship between the voice acoustic measure associated with clarity, known as Cepstral Peak Prominence (CPP), and the auditory-perceptual (how it sounds) measure of overall dysphonia severity in different phonetic contexts. Methods: The relationship between CPP values for all CAPE-V speech stimuli and the auditory-perceptual rating of overall severity was determined through the use of Pearson Correlations. Further, the CPP values were used as predictor variables in a linear regression analysis to predict overall severity. Results: Pearson Correlations showed a weak negative correlation between auditory-perceptual rating for severity and the CPP value for prolonged vowel /a/. All other utterances, except for prolonged /i/, were moderately negatively correlated. /i/ was not significantly correlated. Regression analysis showed only one utterance's CPP value to be predictive of auditory-perceptual severity rating: the all-voiced sentence, "We were away a year ago." The regression model using the CPP value for the all-voiced sentence was only weakly predictive (adjusted R<sup>2</sup>=.148). Conclusion: Only the all-voiced CAPE-V sentence, "We were away a year ago" was significantly predictive of overall voice severity. Although it was only weakly predictive, if clinicians are to acoustically analyze only one utterance from the CAPE-V, the all-voiced sentence is the most appropriate choice.

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## **WOMEN IN GROUP WORK: STRONGER TOGETHER**

**Jenna Basto, Senior, Social Work • Darian Constantine, Senior, Social Work  
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## **CLIMATE CHANGE DENIAL IN LITERATURE**

**Emily Greenemeier, Senior, Biology-MEBP**

Climate change has become one of the world's most pressing, as well as political, issues. Even though the scientific community has a consensus over the reality of anthropogenic climate change, there continues to be people who reject this. My study discusses the publication of books that reject climate change by examining the links between conservative think tanks and climate change denial books published through 2023. The conservative movement maintains its own strong opinion on the reality and significance of anthropogenic climate change. Promoting "environmental skepticism" and challenging the scientific evidence behind it can decrease the amount of regulations that pass through that aid in the protection of our environment. This study searches for books that deny climate science and looks into the author's as well as the

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publications' backgrounds. In this study, descriptions of the climate denial books are used to discover patterns. One pattern noticed is the increase in self-published books, providing insights into the climate change countermovement through its different iterations from elite-led programs to populist movements. To conduct this study, researching publications written about the denial of climate change will be implemented, along with content analysis. This will allow for the examination of who exactly is writing this literature.

### **OBSERVING THE IMPLEMENTATION OF PHARMACIST-PRESCRIBED HORMONAL CONTRACEPTION IN RURAL AND UNDERSERVED POPULATIONS IN THE UNITED STATES**

**Ana Huertas\*, Senior, Health Studies**  
**Daniela Perez Nunez, Senior, Health Studies**

Hormonal contraceptives are medications that are designed to prevent pregnancy. This birth control option offers women a range of benefits beyond pregnancy prevention, including the ability to manage menstrual symptoms and reduce the risk of certain cancers. They also provide women with greater control over their reproductive health and the ability to make informed choices about their bodies and futures. Underserved populations often face barriers to accessing hormonal contraceptives due to factors such as lack of health insurance, limited access to healthcare providers, and geographic or transportation barriers. This study is a review focusing on primary and secondary literature on findings of the impact of access to pharmacist-prescribed hormonal contraceptives and utilization among underserved populations; this research has revealed several key findings.

Studies have found that this approach can improve access to contraceptives and increase utilization, especially for populations that face barriers to accessing healthcare. Patients who receive pharmacist-prescribed hormonal contraceptives have reported high levels of

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satisfaction with the service and positive health outcomes, including a greater sense of autonomy and control over their reproductive health. Additionally, this approach has been effective in reducing unintended pregnancies among vulnerable populations, which is particularly significant for those who may struggle with access and usage of contraceptive methods. Studies on the subject also show pharmacists in rural areas are just as likely to prescribe hormonal contraception as their counterparts in urban areas.

Overall, these findings suggest that pharmacist-prescribed hormonal contraceptives can be an effective strategy for increasing access to and utilization of contraceptives among at-risk populations, with positive impacts on patient outcomes and reduction of unintentional pregnancies.

### **SOCIAL WORK ACROSS THE WORLD: MY INTERNSHIP EXPERIENCE IN VIETNAM** Ally Vernaglia, Graduate Student, Social Work

### **A NUMERICAL INVESTIGATION OF AN ADAPTIVE POWER SERIES APPROXIMATION TO COMPARTMENTAL MODELS** Brooke Tortorelli\*, Senior, Mathematics

In mathematics, compartmental modeling is a framework often used when the members of a set can be grouped into distinct categories or compartments. When the resulting system is coupled in a nonlinear way, numerical solutions are often the only way to approximate the true solutions. Here, we use power series solutions to represent the solution in each compartment. We show the development of the SIR model, used typically to simulate infectious diseases, in which the function  $S(t)$  represents the number of susceptible individuals, the function  $I(t)$  represents the number of infected individuals, and the function  $R(t)$  represents the number of recovered individuals in a given population. We

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consider these quantities as parts of the whole fixed population such that the derivatives of these fractions are the basis of our model. We follow this by calculating the equilibrium values to support our model, as well as the series solutions. In order to gauge the accuracy of our model, we identify the true solution as the one calculated by utilizing Euler's method. We compare the true solutions and the series solutions using multiple intervals over an extended time frame. The project goal is to model the spread of an infectious disease by utilizing dynamical systems. Dynamical systems are made up of differential equations relating unknowns that depend on time.

### **SHELTER IS A HUMAN RIGHT: FIGHTING HOMELESSNESS**

**Kelly Schaffer, Doctorate, Social Work in Human Rights Leadership**

HUD recently released their 2023 Annual homeless assessment report demonstrating that on a single night in 2023, approximately 653,100 individuals were experiencing homelessness (National Low Income Housing Coalition, 2023). Having access to safe and secure housing is a human Right. However, it is a human Right that many do not have the privilege or access to. "Everyone has the right to own property as well as in association with others. No one shall be arbitrarily deprived of his property"(United Nations, 1948, article 17). Through my studies in the Doctor of Social Work (DSW) in Human Rights Leadership program, I am currently utilizing a social justice and Human Rights-based lens perspective to analyze the homelessness epidemic. Through my studies I am exploring solutions, frameworks, and policies to address the affordable housing crisis and barriers and challenges homeless individuals currently face while trying to access housing and resources.

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## SEASONALITY OF COST BEHAVIOR AT TARGET

Christopher Skwirut, Junior, Business Administration  
Sophie Flores-Linares, Junior, Business Administration  
Mariely Libran, Senior, Business Administration

The following project focuses on the issues pertaining to cost analysis of a publicly traded firm. Monmouth University has two Targets in close proximity to its campus. Additionally Target has its competitors in even closer proximity making it even harder to sell certain seasonal products. Seasonal spending is a significant factor in retail businesses like Target. Different seasons bring different trends and customer behaviors, which impact sales and profitability. Holidays such as Christmas and Black Friday, Target experiences a surge in sales due to increased consumer spending. In contrast, during the summer months, sales may decline as customers shift their focus towards outdoor activities and vacations. Understanding seasonal spending patterns is crucial for Target's strategic planning. By anticipating these fluctuations, the company can adjust its inventory levels, marketing efforts, and staffing to maximize profits during peak seasons and minimize losses during off peak seasons.

## MEDICAL ASSISTANCE IN DYING: IS IT JUST AND VIABLE?

Zoe Shvedov, Senior, Social Work

In life, we are expected to maintain a certain level of dignity. In fact, the NASW code of ethics maintains "Dignity and Worth of the Person" as a core tenet. However, in most of the USA, when someone is given a terminal diagnosis with little hope for remission, the options are either go through with expensive, rigorous treatments that may not help, or to let the disease take its natural course, with all the pain and suffering it entails. In some nations, people with certain diagnoses are able to get their affairs in order, book an appointment, and celebrate their life how they wish and simply go. So why is it, in most of the USA, we do not offer this level

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of choice in something as personal as end of life? What can we do to ensure that people have the choice to give themselves the “easy out” if they so choose, and how can we make sure that when people are faced with a terminal diagnosis, they choose the option that is truly the best for themselves and their morals and needs, rather than to alleviate perceived burden? In order to tackle these issues, one must understand who may be most impacted by the availability of medical euthanasia, the history of use and acceptance of medical assistance in dying (MAiD) here and abroad, why MAiD is controversial, and issues of justice within the scope of access to medical care and MAiD.

### **CYBER ATTACKS AND DATA: NEW AGE GOLD** **Jack Berkowitz, Senior, Computer Science**

In definition a cyber threats is landscape of attacks the attend to cause harm to networks. This study delves into the escalating landscape of cyber threats in recent years. Through the execution of simulated attacks on virtual networks, an exploration of potential ramifications is undertaken. The utilization of cutting-edge tools, such as the Flipper Zero, and Kali Linux, were used to enhance proficiency in the field, with the ultimate goal of applying acquired knowledge to scan live networks. In tandem, an investigation into the commercialization of data on the internet is conducted, unraveling the intricate web of information exchange. The perpetual cycle of data exposure during online interactions is highlighted, particularly through public applications, posing risks to individuals, including those vulnerable to violent crimes. A meticulous examination of user agreements, encompassing hundreds of pages, reveals disconcerting details, underscoring the imperative for heightened awareness and stringent data protection measures in the digital realm.

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## **SPEECH-LANGUAGE PATHOLOGISTS' THOUGHTS AND EXPERIENCES USING VIDEO GAMES IN SPEECH LANGUAGE THERAPY**

**Gina Delia\*, Junior, Health Studies**

As 21st century media has been increasing in abundance in users, video games have been an upcoming and prominent resource for some speech-language pathologists to incorporate in their speech-language therapy. Through examining previously published works of literature and collecting real life data from speech-language pathologists, this paper will analyze the usage and effectiveness of video games in speech-language therapy. It is hypothesized that when speech-language pathologists incorporate a higher usage of video games into their therapy sessions, the child might become more engaged during that play, promoting a greater therapeutic outcome. From the reviewed literature, pushing non-21st century styles of learning on children, such as worksheets, could cause a child to be less engaged, thus resulting in the child to be reluctant to continue the therapeutic experience.

This paper will discuss the various viewpoints from speech-language pathologists who include or do not include video games in their therapeutic work with their clients. The major conclusion expected to find through the literature and real-life data collection is to show how video games can be an important therapeutic tool in speech-language therapy for some clients, examining the impacts it can have on different speech-language disorders given the preexisting interventions.

## **DEVELOPING THE FIRST MONMOUTH COUNTY HERBARIUM**

**Einat Shayer, Senior, Biology-MEBP**

One of the most useful tools for identifying species in ecological communities is a herbarium, a collection of preserved plant specimens and their associated data (origin, family, growth forms). Herbariums are

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great resources for researchers, naturalists, land managers and the public at large to get a better understanding of the plant populations in the lands they care for as identifying species is not always easy. The focus of this project is to develop the first herbarium of all native plants found in Monmouth County. I aim to collect native plant species found locally, press, mount and identify them as part of the overall goal of creating a plant database and archive. Three days of each week were used as sampling days where my mentor and I travelled around Monmouth County from forests more inland to estuaries and maritime forests on the coast. Two days were used to identify the plant species collected, take pictures of the pressings, and add them to a database. Plant identification were done via plant identification guides and collaboration with colleagues and mentors. Currently, over two hundred and forty native plants have been identified and added to the herbarium database. The final product of this project is a website that is an archive of Monmouth County native plant species. In a categorized setup, each species will have an image of the plant pressing, identification information of the plant such as common and scientific name and location found, and a description of the plant such as notable features. This archive can be used as reference for scientific studies that focus on New Jersey conservation and restoration and effects of climate change in New Jersey forests and coastal environments.

### **THE DISCONNECT BETWEEN COLLEGE STUDENTS WITH DISABILITIES AND SOCIAL WORK POLICY**

**Emily Maxim, Senior, Social Work**

In K-12 schooling, students with mental illness and learning disabilities are able to be given Individualized Education Plans (IEPs) due to The Individuals with Disabilities Education Act (IDEA) (2023). Colleges follow the Americans with Disabilities Act (ADA) in which one cannot be discriminated due to a physical or mental disability (Alder, 2023). While colleges do provide accommodations to those with learning disabilities

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because of this policy, there is a disconnect with not only the students and accommodations, but with students transitioning from high school to college. Based on personal experience and other students with their experiences, there is no mention of how colleges do not provide specific services, like special education and Individualized Education Plans. Moreover, fellow college students have expressed not knowing the procedure to receive accommodations, resulting in difficulties in the classroom and setbacks in grades. If students with either a mental illness or learning disability who are transitioning to college knew the process of receiving accommodations, as well as how they will not have an Individualized Education Plan anymore from K-12 schooling, then they would be more prepared for following the policies/rules under the American with Disabilities Act. This preparedness would help in one becoming successful in college.

### **SEASONALITY AND COSTING ISSUES IN “GRANDMA’S CHEESE CAFÈ”**

**Kaya Grden, Junior, Business Administration**

**Viviana Padron, Senior, Business Administration**

**Daniela Hernandez, Junior, Business Administration**

This research project delves into cost analysis and classification for “Grandma’s Cheese Cafè” a local eatery specializing in artisanal cheese as well as various breakfast/lunch-style dishes, freshly baked goods and specialty coffee and beverages. Through an exploration of various departments within the cafè, costs will be identified across fixed, variable, and mixed categories. Costs will be classified as product or period costs depending on the nature of the expense and its relation to the cafe’s operations. We will identify the appropriate cost drivers for variable and mixed costs as they are crucial for accurate cost allocation and decision-making. Determining cost behavior can be challenging, requiring careful examination of data. So, we will use techniques like regression analysis and activity-based costing, which can aid our analysis of “Grandma’s

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## THE EFFECTS OF PREDICTED SEA LEVEL RISE ON DIAMOND-BACKED TERRAPIN NESTING HABITAT IN THREE NATIONAL PARKS Nicole Cappolina\*, Senior, Biology-MEBP

According to NOAA's 2022 Sea Level Rise Technical report, researchers project that sea level will rise up to 10-12 inches by 2050. By 2100, it is expected that at least 2 feet of sea level rise will be observed. Rising sea level will greatly impact coastal communities and ecosystems in many ways. Diamond-backed terrapins (*Malaclemys terrapin*) are native to New Jersey and inhabit most salt marshes and estuaries along the Atlantic coast but recently, managers have noted concerns for population declines due to a range of anthropogenic threats. They are considered a top predator in salt marsh habitats and keep the ecosystem healthy by eating snails which in turn protects marsh grasses. The purpose of this project was to use ArcGIS Pro software to map Diamond-backed Terrapin nesting habitat in Sandy Hook, Sagamore Hill, and Fire Island National Parks with increasing sea level rise (SLR), as well as determine land cover types and critical nesting habitat that will be affected by SLR in the future. To assess impacts on nesting habitat, we used data from nest surveys collected in 2023 from Sandy Hook. We found that "Shrub and Herb Vegetation" was the land cover type most likely to be affected by SLR in both Sagamore Hill and Fire Island. Currently, the Critical Zone of Sandy Hook is affected most by the highest water line. However, in the 1ft and 2ft SLR scenarios, North Plum Island is expected to be affected the most. From past student research, there have been 277 total depredated nests found on Sandy Hook. In this study it was found that 30 nests will be inundated with current mean high-water line, 63 nests will be inundated with 1 ft sea level rise, 93 nests will be inundated with 2ft sea level rise. It is important to map and research this information in order to improve management and conservation strategies for coastal nesting species like the Diamond-backed Terrapin.

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## CURRENT PARADIGMS AFFECTING THE WORLD'S FISHERIES

Ivy Norton, Senior, Biology-MEBP

In the contemporary world, the status of our fisheries emerges as a paramount concern, besieged by overfishing, pollution, and dwindling biodiversity. This poster confronts the critical issue of fisheries mismanagement by investigating its core values. To answer the question, "What are the dominant values that manage world fisheries?" I use a quantitative content analysis of one of the more important international fisheries documents published every two years by the United Nations Food and Agriculture Organization, The State of the World's Fisheries and Aquaculture (SOFIA Reports), using a proven dictionary from publications on this very issue in (Lobo and Jacques 2017 & Jacques and Lobo 2018). The publication's data ended in the 2016 SOFIA report, and this work extends to the 2022 report to measure changing values across time. In particular, I analyze whether the economic paradigm those prior papers found is still dominant, or if other paradigms have displaced the drive for economic growth.

Thus, central to our inquiry is the exploration of alternative frameworks that challenge the economic paradigm, emphasizing principles of sustainability, equity, and ecological resilience. By investigating and analyzing values in these documents, I can theorize the root causes of overfishing and environmental degradation. Early indications are that economicism has not been displaced, indicating a need for a shift in policies and decision-making pertaining to fisheries management. Ideally one day we will have access to fisheries that are healthy and abundant while still being able to rely on them as a source of food around the world.

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## THE CURRENT STATE OF NEW JERSEY'S COASTAL LAKES Ivy Norton, Senior, Biology-MEBP

Coastal lakes stand as vital components of New Jersey's aquatic ecosystems, yet they confront persistent challenges stemming from various forms of pollution. This poster presentation delves into an examination of historical and current data to evaluate the ongoing state of these lakes.

Over successive springs, comprehensive sampling and analysis of these lakes has been conducted, aiming to gauge their health and resilience. Here, winter / spring 2024 data will be compared to past data to investigate potential inter-annual variability in lake water quality.

Key parameters including dissolved oxygen, turbidity, pH, chlorophyll, and salinity have been meticulously measured, providing insights into the ecological dynamics of these fragile ecosystems. Additionally, water samples have been forwarded to the New Jersey Department of Environmental Protection (NJDEP) for in-depth analysis, enriching our understanding of the lakes' condition.

This study seeks to elucidate crucial findings regarding the lakes' overall health, which are imperative for devising effective long-term restoration and monitoring strategies. By comparing past and present data, we aim to discern trends and identify potential stressors.

# 2024 Scholarship Week Posters

## SURFING FOAM PADS

Olivia Denney, Junior, Business Administration • Marc Rongetti, Senior, Business Administration • Gerard Varaneli, Senior, Business Administration  
Brian Pawelek, Junior, Business Administration

This surfing foam pad is made for protection and comfort for surfers. This foam pad will slide into the surfer's wetsuit and protect their hips and ribs from the tough fiberglass on the surfboards. When a surfer has a long surfing session, at the end of the session their hips are usually covered in bruises and sore more than you can imagine. With this product, we can put an end to that pain and let surfers continue to do what they love.

## THE POWER OF REPRODUCTIVE HEALTHCARE WITHIN NEW JERSEY

Erin Catoggio, Junior, Anthropology

This project/poster will serve as an overview for how the distinct roles of reproductive healthcare workers within the state of New Jersey are actively advocating and protecting accessibility for women's healthcare. Some variables that will be considered are the roles fulfilled by each reproductive healthcare worker including OB/GYN's, Fetal and Maternal Medicine, Gynecology, and Gynecologic Oncology, the treatment and services that are provided, along with the impact and further support reproductive healthcare has upon women's lives.

## DEMOGRAPHICS AND SUB-CULTURES OF EDUCATIONAL OPPORTUNITY FUND (EOF) STUDENTS

Leidy Alvarez, Junior, Anthropology

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## 2024 Scholarship Week Posters

reproductive healthcare worker including OB/GYN's, Fetal and Maternal Medicine, Gynecology, and Gynecologic Oncology, the treatment and services that are provided, along with the impact and further support reproductive healthcare has upon women's lives.

### ETHNOGRAPHY OF EMPLOYEES WORKING IN SPECIAL EDUCATION

Rebecca Lopez

In this project I will complete an ethnographic study on the opinions, views, and experiences of instructional aides in an out-of-district school placement for students with special needs. A student may be placed in an out of district school for a variety of reasons, including but not limited to: lack of accessibility in their home schools (i.e. wheelchair accessibility, changing tables, handicapped bathrooms, ramps, or other features to meet the students physical or mobility needs), an inability of school staff to manage the needs of the student (changing, managing maladaptive behaviors, medical needs), or an inability of the school staff to meet the educational or develop.m.ental needs of the student (specialized curriculum, access to materials, lack of paraprofessionals, etc.). Some of the research questions I hope to answer include: What kind of work do instructional aides do? How is their work modified, adapted, and specialized to meet the needs of their students? How do instructional aides feel about the work they do? What concerns do they have about their work? What kind of challenges do they experience? How do attitudes change across age, gender, and experience levels? How are instructional aides trained and prepared for their jobs? What is the hiring and onboarding process like? What are the rates of employee turnover? How do students and staff talk about ability? What type of language do they use? What do staff-student interactions look like? How are these interactions shaped by communication differences, develop.m.ental delays, and staff experience? What changes could be made to improve the work/school experience for staff and students?

## 2024 Scholarship Week Posters

### IMPLEMENTATION OF A CANCELLATION POLICY FOR PROGRESSIVE STEPS

Ava Lozito, Junior, Business Administration

Jacob Krupp, Junior, Business Administration

Progressive Steps is a company that provides services for children with disabilities, including Physical therapy, Speech therapy, and Occupational Therapy. One issue they are facing regarding cost behavior is the cancellation of services by families. Practitioners then lose income they were expecting. To combat this we are looking into how the company can implement a cancellation policy which prevents this issue.

### BUSINESS PLAN FOR COOKIE VENTURE

Kaya Gden, Junior, Business Administration

Viviana Padron, Senior, Business Administration

Daniela Hernandez, Junior, Business Administration

Our business plan focuses on launching a small cookie business. We define our target market, pricing strategy, and sales projections for the upcoming four months. Detailed lists of materials, equipment, and expenses are provided, with expenses categorized as fixed, variable, or mixed. Break-even analysis is conducted for each projected month, with consideration given to potential changes and their impact on our break-even point. Additionally, we calculate the margin of safety and set target profits for each month. We will assess the riskiness of this idea and determine if achieving our target profits is possible. Furthermore, our budget portfolio includes sales projections and graphs to show projected sales growth. We will prepare budgets for sales, production, and raw materials. A written financial analysis is also provided, offering insight for potential financiers to evaluate whether our product should get financing.

## 2024 Scholarship Week Posters

### THE USE OF VIRTUAL REALITY (VR) AS AN EFFECTIVE MODALITY FOR PAIN MANAGEMENT IN THE CARE OF PEDIATRIC BURN VICTIMS

Norhan Gomaa, Graduate Student, Physician Assistant

Victoria White, Graduate Student, Physician Assistant

Taylor Paradoski, Graduate Student, Physician Assistant

Ariana Ochoa, Graduate Student, Physician Assistant

Deepika Budhraja, Graduate Student, Physician Assistant

Virtual Reality (VR) is a novel invention intended for gaming. Recent studies have shown that VR can be used as adjuvant pain management for pediatric burn patients before, during, and post wound procedures. Using VR can lessen the dependence on opioids and therefore aid the fight against the opioid epidemic. Standard of care for pediatric burn patients includes the administration of opioids before procedures, during the procedure if there is breakthrough pain, and after the procedure. Many studies have been conducted and will be highlighted to exemplify how VR can reduce pain as well as reduce subsequent opioid use.

## 2024 Scholarship Week Posters

### LGBTQ+ ACCEPTANCE AND REPRESENTATION IN DUNGEONS AND DRAGONS CLUB Paige Harrington, Senior, Anthropology

I plan to conduct an ethnography on Monmouth University's Dungeons and Dragons club. Dungeons and Dragons (commonly referred to as D&D) is a fantasy role-playing game invented by Dave Arneson in 1974. Players create their own characters, and a Dungeon Master (DM) acts as the storyteller for a game. The DM creates the game however they wish, and players move or interact their characters by rolling dice. There are fifteen active participants in the club, but over twenty members overall. Undergraduates and graduates alike meet up weekly, or sometimes multiple times in one week, in the Student Center to play this interactive fantasy game. I am conducting this ethnography to learn more about D&D and why it has such a dedicated cult-following. The purpose of this ethnography is to examine Monmouth University's Dungeons and Dragons club players to better understand the game itself, but mainly focus on the escapism and enjoyment it gives to a large number of LGBTQ+ gamers.

### WHY POETRY MATTERS

Arely M. Lazaro, Senior, Social Work  
Chelsea Maydich, Junior, Foreign Language-Spanish  
Mia Ossandon\*, Sophomore, Fine Arts

We propose the following questions: in a society where material wealth and desire overshadows morality and compassion, a world where war and corruption is normalized over peace and humanity, where love and spiritual values are replaced by hate and greed, we ask you, does a poet's ability to articulate the complexities and troubles of our world matter? Does the act of shedding light in the darkness with nothing but a paper and pen matter? Ultimately, does poetry, a beacon of empathy, reflection, and resistance matter?

# 2024 Scholarship Week Posters

## THE EQUAL SOUND INITIATIVE Asad Whitehead, Senior, Music

The Equal Sound Initiative is a project that seeks to celebrate social justice in hip hop through a combination of community engagement and musical expression. This initiative merges Monmouth University's Black Student Union and Blue Hawk Records to create a platform that not only highlights the intersection of hip hop, music, and social justice but also fosters a sense of belonging and empowerment among its participants. Through a series of events, workshops, and performances, the Equal Sound Initiative aims to educate, inspire, and mobilize communities around issues of social justice. By showcasing the power of music to address and dismantle systems of oppression, this project seeks to create a more inclusive and equitable society. Key components of the Equal Sound Initiative include collaborations with our student artists, activists, and organizations, as well as a focus on amplifying marginalized voices within the hip hop community. By providing a platform for these voices to be heard and celebrated, the Equal Sound Initiative hopes to spark meaningful conversations and drive positive change. In conclusion, the Equal Sound Initiative is more than just a project; it is a movement. It is a testament to the power of music to inspire change, foster community, and promote social justice. Through this initiative, Asad Whitehead hopes to continue using music as a tool for empowerment and advocacy, creating a more just and equitable world for all.

## COVID-19 AND ITS EFFECTS ON THE MENTAL HEALTH CRISIS IN THE UNITED STATES Alyssa Rakossy, Graduate Student, Educational Counseling

The concept of mental health, its importance in our day-to-day life, warning signs of mental illness, statistics of teens and young adults who have a mental illness, the importance of mental health support advocacy in getting proper treatment that can guide one on a path towards

## 2024 Scholarship Week Posters

recovery, as well as how we can be part of a healthy support system for one who is suffering internally and emotionally. The shocking reality is that, as of 2021, 57.8 million people who are eighteen and older suffer from mental illnesses, and that number is only going to continue to rise. Plus, many may feel like they are not good enough and have to change to gain satisfaction and come up empty. When looking at the broader picture, when we look at individuals who suffer from mental illnesses, there are no significant warning signs that jump out that scream they have an issue. Many people look like you and me, yet internally, they are fighting an emotional battle and are at a crossroads of what to do, and before they know it, small changes that they make will begin to intensify.

### ASSESSING POLICY MEASURES FOR MANAGING CLIMATE INDUCED FISH HABITAT SHIFTS

Marie Mauro, Senior, Biology, Geographic Information Systems

Marine fisheries play a crucial role for both nutrition and economic prosperity in the United States. Anthropogenic climate change has been pressuring critical fish species to shift their habitats due to rising ocean temperatures. As a result, fisheries have to adapt which include relocating to alternative locations. The Magnuson-Stevens Act is the primary federal law that governs fisheries in the United States. The goal of this research was to analyze if the federal policies of the United States are adapted to accommodate the shifting habitat of fish which is necessary for maintaining the integrity of fisheries. A policy analysis method was employed to identify if federal policies have taken the shifting habitats of marine fish due to climate change into account with the most recent editions. Results indicate that climate change has not been addressed in most federal policies regarding fisheries management. The impacts of climate change already have induced changes in fisheries which is why it is necessary for federal policies to be updated.

# 2024 Scholarship Week Posters

## RELATIONSHIP MANAGEMENT IN THE PROFESSIONAL WORLD

Nicolas Barricella, Senior, Business Administration

Without Relationship Management customers wouldn't come back and the economy would be all over the place. My project will teach the audience the do's and don'ts of Relationship Management and how professionals handle it.

## EVICITION PREVENTION INFORMATIONAL BROCHURE

Aisah Louis-Jean, Graduate Student, Social Work

This project was inspired by the Social Work class Applications of Social Justice and Human Rights in Social Work. As a Global and Community Practice student, and an intern at the Department of Community Affair agency, I wanted to bring awareness to the growing issue of evictions throughout New Jersey. After working with the eviction office, I found that their biggest concern was around educating tenants of their rights, and local services that are available. To combat these inequalities, I designed an Eviction Prevention Brochure to provide renters their rights as a tenant, their responsibilities, the eviction process, and their local social services.

## LATINEX BARRIERS TO HEALTH AND HEALTH CARE

Daniela Marin Parrales

The social issue I plan to address is lack of access to adequate and quality healthcare, but specifically in the Latino community. Historically, for non-Black racial groups, there had been no way to group them besides the labels "Black", "near Black", "White", and "near White" (Alcoff, 2003), and without specifically addressing Latinos as their own identity, the ability to recognize their own race and fight for their own specific rights is diminished. Despite not being Black or White, Latinos are still discriminated against in ways including physical characteristics and

## 2024 Scholarship Week Posters

immigration status. Discrimination against Latinos has been a reoccurring issue throughout history and as it continues to progress, Latinos will keep on facing the consequences of being forgotten.

This project aims to educate others about the disparity gaps that exist in health care specifically for the Latinx community, but it also advocates for the closure of these disparity gaps as a whole. It is impossible to create change when addressing injustice without recognizing the disparities that exist for people belonging to one or multiple marginalized groups. Education as a foundational step in advocacy is just the beginning of engaging in social movements and change.

### CULTURAL AND LANGUAGE SENSITIVITY IN A SKILLED NURSING SETTING

Madison Thomas-Bransky

This project was inspired by the Social Work class Applications of Social Justice and Human Rights in Social Work. As a Clinical Practice with Families and Children student and as an intern at Merwick Care and Rehab, I was able to identify a need for an education in the way the staff interacted with the residents. I hosted an inservice session to discuss and highlight the cultural and language sensitivity issues highlighted in my audits as well as the effects this can have on the population. After hosting an inservice session, I collected data regarding the increased awareness and knowledge of the topic.



## 2024 Scholarship Week Passport

<b>Obtain Passport Stamp at Each Event You Attend</b>			
<b>STAMP HERE</b>	Saturday 4/13 7 p.m.	SHSS-MU Players present - "The 25th Annual Putnam County Spelling Bee"	Woods
<b>STAMP HERE</b>	Sunday 4/14 2 p.m.	SHSS-MU Players present - "The 25th Annual Putnam County Spelling Bee"	Woods
<b>STAMP HERE</b>	Sunday 4/14 7 p.m.	SHSS-MU Players present - "The 25th Annual Putnam County Spelling Bee"	Woods
<b>STAMP HERE</b>	Monday 4/15 10 a.m.	Provost-Hawk Talks	Anacon
<b>STAMP HERE</b>	Monday 4/15 12 p.m.	Provost-University Poster Expo	Anacon
<b>STAMP HERE</b>	Monday 4/15 2 p.m.	Provost-Springsteen Archives Student Scholarship Panel	Zoom
<b>STAMP HERE</b>	Monday 4/15 4:30-6 p.m.	SHSS-MFA Graduate Reading	GH
<b>STAMP HERE</b>	Tuesday 4/16 12 p.m.	Provost-Posters & Pizza	Anacon
<b>STAMP HERE</b>	Tuesday 4/16 2:50 p.m.	SHSS-Communication- "Story Sharing and Meaning Making: The College Experience"	Plangere 236
<b>STAMP HERE</b>	Wednesday 4/17 All day	SHSS-Art & Design- "The Future is Collaborative"	600 Courtyard
<b>STAMP HERE</b>	Wednesday 4/17 12 p.m.	Provost-Posters & Pizza	Anacon
<b>STAMP HERE</b>	Wednesday 4/17 11 a.m.	SHSS-Department of Criminal Justice-Senior Seminar Poster Presentations	Anacon
<b>STAMP HERE</b>	Wednesday 4/17 11:40 a.m.	Provost-Writing Services - Writing Center Pedagogy, Practices & Policies	Edison 240A
<b>STAMP HERE</b>	Wednesday 4/17 11:40 a.m.	SHSS-Communication- "Progress, Promise, or Prejudice?"	TBA
<b>STAMP HERE</b>	Wednesday 4/17 2:45 p.m.	Provost-First to Fly: First Gen Students at MU & CommWorks Students	PZ115

## 2024 Scholarship Week Passport

<b>Obtain Passport Stamp at Each Event You Attend</b>			
<b>STAMP HERE</b>	Wednesday 4/17 4 p.m.	LHBS- Center for Entrepreneurship - HawkTank	Bey Hall
<b>STAMP HERE</b>	Wednesday 4/17 4 p.m.	SONHS-Nursing & Health Sciences - Meet a Research Mentor	Pollak Lobby
<b>STAMP HERE</b>	Wednesday 4/17 5 p.m.	SONHS-Nursing & Health Studies - Speaker Dr. Tim Marshall	Pollak Theatre
<b>STAMP HERE</b>	Wednesday 4/17 6 p.m.	LHBS- 7th Annual Hess Excellence in Scholarship Series	Bey231
<b>STAMP HERE</b>	Thursday 4/18 2:50 p.m.	SHSS-Communication- "We see others not as they are, but as we are"	Plangere 235
<b>STAMP HERE</b>	Thursday 4/18 3 p.m.	Provost-Monmouth University Authors Reception - Library Research Awards	GH Abele
<b>STAMP HERE</b>	Thursday 4/18 6 & 8:30 p.m.	SHSS-Spring Choral Concert	Woods
<b>STAMP HERE</b>	Friday 4/19 8 a.m. to 5 p.m.	Honors School- Research Conference	Library 101
<b>STAMP HERE</b>	Friday 4/19 1 p.m.	SONHS-Nursing & Health Studies- 3-Minute Thesis Competition	PZ115
<b>STAMP HERE</b>	Friday 4/19 6 p.m.	SHSS-Blue Hawk '24 Compilation Album Release	GH Back Porch
<b>STAMP HERE</b>	Saturday 4/20 3 p.m.	SHSS-MU Players- "Direct From Hamburg"	Woods
<b>STAMP HERE</b>	Saturday 4/20 7 p.m.	SHSS-MU Players- "We All Want to Change the World"	Woods
<b>STAMP HERE</b>	Sunday 4/21 9 a.m. - 4 p.m.	SHSS-Psychology- Semi-Annual Undergraduate Student Conference	Great Hall
<b>STAMP HERE</b>	T 4/16 to Th 4/18	SOE - Virtual Scholarship Exhibition	Online
<b>TOTAL</b>	<b>Return completed passport to Great Hall 211 [Provost's office] by Tuesday, 4/23 at 5 p.m.</b>		
Name:			
Student ID:		Cell #:	







**MONMOUTH**  
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| SCHOLARSHIP  
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