



2024 Academic Symposium

CELEBRATING THE ACADEMIC ACCOMPLISHMENTS OF THE
STUDENTS AND FACULTY OF ANNA MARIA COLLEGE

Wednesday, April 10

9:00 a.m.—Noon

SCHEDULE OF EVENTS

FACULTY ORAL PRESENTATIONS

Foundress Hall, 9:00 a.m. to Noon

COFFEE WITH FACULTY AUTHORS

Foundress Hall, 9:00 a.m. to Noon

15-MINUTE STUDENT ORAL PRESENTATIONS

Foundress Hall, 9:00 a.m. to Noon

30-MINUTE STUDENT ORAL PRESENTATIONS

Foundress Hall, 9:00 a.m. to Noon

STUDENT POSTER PRESENTATIONS

Information Commons, 9:00 a.m. to Noon

*Poster Set-Up | 8:45 a.m.

CAREER RESOURCE FAIR

Information Commons 11:00 a.m. to 2 p.m.

PROFESSIONAL HEADSHOTS

CTE Conference Room, 9:00 a.m. to Noon



COFFEE WITH FACULTY AUTHORS

Wednesday, April 10 | 9:00 a.m. to Noon

Join us for an engaging session featuring Anna Maria faculty members who have recently published. Panelists will share specifics about their research while also discussing the various phases of the publication process, including engaging undergraduate students in your research. Following the discussion, attendees will have the chance to ask panelists questions to gain more insights into writing and academic publishing.

Participating faculty include: Nicole Brewer, Matt Waldschlagel, Achu Johnson Alexander, Kevin Dowd, Jason Ostrander, and Doe West

FACULTY ORAL PRESENTATIONS

Wednesday, April 10 | 9:00 a.m. to Noon

9:30 a.m. | 30 min | IC 153

Jennifer Carlson, Ph.D.

Navigating the Path to Professionalization: A Comprehensive Review of Efforts and Recommendations for the Emergency Management Field

As Gray (2019) noted, the field of emergency management has "...evolved and grown through the post-9/11 years...there has been a push toward professionalization, and recognition of emergency management...rather than merely an extension of the police and/or fire service" (p. 136). Since Gray made these assertions in 2019, the world has experienced a global pandemic, requiring concerted efforts to regain traction toward professionalizing the field. This presentation will review these efforts, suggestions, and the impact made by members of the International Association of Emergency Managers (IAEM) and emergency management professionals.

A study was conducted in 2022 using interpretive phenomenological analysis (IPA). Interviews with emergency management professionals nationwide resulted in seven group experiential themes (GETs) developed from 48 personal experiential themes (PETs) collected from participant statements. These findings partially replicate similar studies in the field. Recommendations from the study suggested the convening of focus groups to examine further the components identified as necessary for emergency management professionalization for inclusion in a strategic management plan and implementation plan, using the Hoshin Kanri continuous improvement framework. A proposal was written and accepted in 2023 for this study using PAR methodology. These focus groups will convene in 2024 to develop recommendations for a commission to be formed by resolve H.740, legislation which has passed through committee and is moving through the legislative process in Massachusetts.

11:00 a.m. | 30 min | Nolder

Bruce Cohen

Skills for Effective Organizational Communication

This presentation will guide audience members in developing communication skills necessary to be an effective member of

an organization. The skills displayed during this presentation will help people understand how to create effective oral presentations and thus successfully transmit messages to their audiences. This discussion will highlight how to display information, how to initially engage audiences and sustain their interest, which will result in the presenter being able to ensure that members of their work groups, are motivated to adopt ideas of that presenter. This skill set will also provide individuals with the ability to create the correct context, format and design messages, to ensure that organizational goal attainment is achieved.

10:45 a.m. | 30 min | Jacques

Barbara Driscoll de Alvarado, Ph.D.

The U.S.-Mexican Border Region: Toward a Multi-dimensional Definition—Revised and Updated for 2024

The binational region that encompasses the United States -Mexican Border stretches from San Diego, San Ysidro-Tijuana urban area to Brownsville-Matamoros on the Gulf of Mexico and has come to symbolize many of the contemporary challenges facing the country. Indeed, it is difficult today to turn to any major news outlet and not see something about the region. In 2019, I presented a very general multi-disciplinary introduction to the Border Region at the Academic Symposium, looking at the people, geography and select problems, with a particular view to prepare students with a few basic tools to understand the region's complexity and recognize its . Indeed, the Border region is not isolated from the rest of the country. However, since that time, the situation along the Border has changed in ways that none of us would have anticipated. Unprecedented migration from countries heretofore not represented in Border migratory movements, policy agreements and disagreements between the U.S. and Mexican governments (including building a wall), and the pandemic have seriously affected the region and our perception of it. In spite of these developments, last year of 2023, for the first time in twenty years, the United States purchased more from Mexico than from China; most of the goods are shipped through border cities. I propose to make a PowerPoint presentation for the Academic Symposium that summarizes a general introduction to the region, but also to provide background about contemporary issues such undocumented immigration from countries other than Mexico, constructing walls and other obstacles and commerce on and near the Border.



**FULL ABSTRACTS
AVAILABLE HERE**

FACULTY ORAL PRESENTATIONS

Wednesday, April 10 | 9:00 a.m. to Noon

11:00 a.m. | 30 min | IC 159

James Duggan, Ph.D.

Implementing NIMS: Lessons Learned from the Boston Marathon Bombing

Many opportunities to learn from the 2013 Boston Marathon bombing have not been capitalized on. The terrorist attack was launched in the heart of Boston, a densely populated urban area with a population of approximately 670,000. Those numbers are amplified by the hundreds of thousands of spectators that line the streets along the Marathon route, with most at the finish line on Boylston Street. Two pressure cooker bombs were detonated in the finish line area, killing three and injuring 264. Among the injured were 16 who suffered traumatic amputations. Numerous reviews of the response and investigation identified positive aspects to be expanded upon and others needing improvement. This monograph presents lessons learned within the context of the National Incident Management System. Individuals who responded to and investigated the attack provide insights into what went well and, more importantly, what didn't in the days and weeks following the attack. How would the proper implementation of Unified Command have improved outcomes? Find out from those who were there, have separated from service, and are now free to speak. The lessons presented provide critical guidance for the proper preparation for and response to terrorist attacks in urban environments.

11:00 a.m. | 30 min | IC 153

Mark Griffon, DSc

Safety Culture: What is it and Does it Work?

The term Safety Culture was initially coined in an investigation report considering the causes of the nuclear disaster at the Chernobyl nuclear power plant in 1986. More than thirty five years after the Chernobyl disaster, academics and practitioners alike struggle with the definition of safety culture. However, even with lack of clarity of how to exactly define safety culture it has been implemented, in various forms, across many different types of industries around the world. This talk will explore the use of safety culture in various industrial sectors. Cases from the nuclear sector, the oil and gas sector, and the health-care industry will be presented in order to provide an understanding of the concept as well as the strengths and weaknesses of the approach. Critics of the approach are concerned that safety culture can become a catch-all answer to all safety problems which actually prevents companies and workers from addressing underlying factors responsible for poor safety performance or that safety culture is just a ruse for management to further control worker behavior. They point out that slogans such as 'safety first' can become nothing more than empty

rhetoric to the company workforce and that without considering power dynamics within a workplace these programs are ineffective. Finally, the question will be posed: how can safety culture programs and safety culture assessments at a workplace be useful in improving safety? After more than 35 years of experience, have these programs worked?

9:45 a.m. | 15 min | IC 153

Sang Kim, Ph.D.

Identification of the senescent-specific markers in cancer cells treated with chemotherapy

Senescence is a cellular response to a variety of stress signals that is characterized by a stable withdrawal from the cell cycle and major changes in cell morphology and physiology. Also, it has been shown that cancer cells can induce a senescence signature in response to the treatment of various cancer drugs. This induction of senescence includes changes in cells' chromosome morphology and their expression profiles, broadly called the Senescence-Associated Secretory Phenotype (SASP). One of characteristics of senescent cells includes resistance to therapeutic agents. This resistance to the treatment in cancer cells with various cancer drugs could be accounted for by the resistance to apoptosis. These cellular changes in the senescent cancer cells could be used for the selective eradication of these cells through senolysis. Since the next-generation sequencing data at the single cell level are available in the public domain, this study aims to relate senescence associated signatures to the mechanisms of resistance. Also, this study aims to identify regulators or cellular mechanisms for senescence driven resistance. A longer-term goal through this study would be to identify candidates for targeted knockdown or expression screens.

11:00 a.m. | 15 min | Nolder

Paul LaCava

Empowering Educators and Students and Integrating AI into the Classroom

In the rapidly evolving educational landscape, Artificial Intelligence (AI) presents an unparalleled opportunity for enhancing teaching and learning experiences. This 30-minute presentation aims to explore the multifaceted role of AI in the classroom, highlighting its potential to personalize learning, automate administrative tasks, and foster an inclusive learning environment. We will delve into current AI applications, including adaptive learning systems, AI-powered tutoring, and automated grading, illustrating how these tools can cater to diverse learning styles and needs. Additionally, the presentation will address the ethical considerations and challenges of integrating AI in education, such as data privacy and the digital

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divide. Faculty members will gain insights into effectively incorporating AI technologies to enrich curriculum delivery, engage students, and prepare them for a future where AI is ubiquitous. The presentation will also encourage an open dialogue on shaping a forward-thinking educational strategy that leverages AI to enhance teaching efficacy and student outcomes, setting the stage for a transformative learning experience.

10:00 a.m. | 30 min | Nolder

Gene LaCava **Chatbots in Education**

The integration of chatbots into educational environments, particularly at the college level, represents a significant shift in the traditional pedagogical landscape. This presentation will explore the multifaceted role of chatbots in enhancing learning experiences, streamlining administrative tasks, and providing personalized support to students. By harnessing the power of artificial intelligence and natural language processing, chatbots can offer instant feedback, facilitate interactive learning sessions, and address queries around the clock, thereby fostering a more engaging and responsive educational ecosystem. We will delve into various possible use cases that illustrate the implementation of chatbots in college settings, highlighting the improvements in student engagement, satisfaction, and academic performance. Additionally, the presentation will address the challenges and ethical considerations of deploying chatbots, including privacy concerns and the need for human oversight. The aim is to provide faculty and students with a comprehensive understanding of the potential benefits and limitations of chatbots in education, encouraging an informed dialogue about their future role in academia. By examining the use cases, this presentation will offer valuable insights into how chatbots can be effectively integrated into college-level education to support both teaching staff and students, paving the way for innovative teaching methodologies and enhanced learning outcomes.

10:45 a.m. | 15 min | IC 153

Kerriann Marden, Ph.D. **Food of the Gods: Using Human Dental Calculus to Explore the Concept of Ritual Elites in Pre-Columbian Chaco Canyon**

This research project tests the long-held assumption in Southwestern Pre-Columbian archaeology that elite inhabitants of Chaco Canyon consumed cacao, a bean which had to be imported into the region. Trace quantities of theobromine, the chemical marker for cacao, were found in ritual ceramic

vessels from Chaco Canyon, which has been interpreted as a strong archaeological indicator of ritual ties to Mesoamerica and a clear signifier of Chacoan social hierarchy (Crown and Hurst, 2009). However, the presence of this chemical in ceramic vessels does not necessarily indicate who actually consumed cacao, or indeed, whether it was consumed at all. Collection and retention of cacao does not provide direct evidence that the beans were used for the production of the Mesoamerican ritual chocolate beverage. This project analyzed ancient dental calculus, which is the mineralized end product of a biofilm that traps substances consumed orally, for the presence of theobromine in dental calculus. Our results not only confirm that cacao was consumed, but also provides information on precisely which individuals in Chacoan society consumed it.

11:30 a.m. | 30 min | IC 153

Ann Marie Mires, Ph.D. & Jasmine Powers **Predictive Modeling in Missing Person Cases**

At this time there are approximately 111 missing children in Massachusetts that have been missing since the early 1970's and have not been found. With the advent of technology to identify unknown remains (genetic genealogy) and the development of databases to align missing persons with unidentified remains (NamUs) some of these long-time missing cases have been located and returned to their families. In an effort to get justice for these unfound children, who cannot speak for themselves, this research looks at previously collected data on missing and murdered children cases in order to discern patterns in these cases, highlight potential offender behavior, and utilize this data to predict where children may be located. Utilizing ArcGIS, a visual mapping software that analyzes and displays geographically referenced variables and information, variables can be mapped within a 5-mile search area around where the child went missing. ArcGIS will allow us to pinpoint areas and work with law enforcement search and recovery teams to demarcate areas that are potentially connected to these crimes and provide areas that can be searched to see if those children might be deposited in that area. It can also help to reveal the area where the offender may be living and operating which may lead to providing more areas to search for those missing children. Case examples include a recent missing person case and more remote cases of children missing in Massachusetts.

**FULL ABSTRACTS
AVAILABLE HERE**



FACULTY ORAL PRESENTATIONS

Wednesday, April 10 | 9:00 a.m. to Noon

9:15 a.m. | 15 min | Jacques

Jason Ostrander, Ph.D.

The Influence of Political Ideology and Political Engagement on the Political Activities of Licensed Social Workers

Political engagement in social work has “waxed and waned in concert with broader societal shifts in economic, political, and social conditions” (Meyer, 2008). Jane Addams and Mary Richmond’s comparable but separate trajectories may explain the profession’s inconsistency in political intervention. Both women used government control of programs and services to change social conditions and define social work practice differently. Addams advocated communal and legislative transformation. Richmond wanted social workers to provide direct assistance, not structural changes. Richmond also thought social workers should be politically neutral. Finally, the social work profession codified its commitment to political activity in its professional ethical codes and standards. This presentation will outline the impact of political ideology and political engagement on licensed social workers’ engagement in political activities. A survey was created and distributed in 2017 to better understand licensed social workers’ civic and political engagement. Three thousand thirty-three randomly selected licensed social workers from 24 states started the survey, and 2,350 finished it. The data analysis revealed that political ideology and party affiliation (not the same construct) were significant predictors of political engagement; political ideology emerged as the more significant factor influencing political engagement and political activity. The study’s examination of licensed social workers’ specific ideological affiliations affirmed the conclusions of existing literature that social workers identifying as left-leaning or more liberal are more likely to engage in social action and political activity.

10:30 a.m. | 15 min | IC 153

Robert Pijewski, Ph.D.

Investigation of the Effects of Lead on Cell Proliferation and Neurite Outgrowth in Embryonic Dorsal Root Ganglion Isolated from Gallus gallus domesticus embryos

In recent years, the levels of lead found in drinking water in many parts of the United States have been found to be significantly higher than the limit of 5ug/dL blood lead level (BLL). Studies have linked prenatal and postnatal lead exposure to an increase in neurodevelopmental issues including behavioral abnormalities, ADHD, and more. The proposed study is a continuation of research started in collaboration with the University of Hartford and provides students a unique opportunity to learn developmental neuroscience, sterile technique, and microdis-

section skills. Gallus gallus domesticus or the domesticated chicken is used as the model organism for this study as they have high homology or similarity to human genes and proteins. Additionally, the developmental mechanisms of neurogenesis are conserved between chickens and humans which make chickens an excellent model to study such processes. Previous studies have shown that lead prevents neurite outgrowth by an unknown mechanism. In this study, lead’s potential effects on dorsal root ganglion development are explored by using an in vitro whole-mount organ culture system. Results show that lead significantly decreased neurite quantity and length. Additionally, we show that cell proliferation can be detected after the addition of lead suggesting a developmental switch from differentiation to proliferation, which can be detrimental to a developing organism. Our results suggest that the CDC guided safe level of lead may still have effects on the development of the nervous system.

10:30 a.m. | 30 min | IC 159

Seth Racusen, Ph.D.

Insisting on her Rights and Other Afro Brazilian Repertoires of Resisting Everyday Gray Zone Racism

This paper examines how the Brazilian racial order shapes Afro-Brazilian resistance to racism. Most incidents reported to the police contain a racist insult, the most evident expression of racist aggression. This paper especially examines ongoing public displays of racist aggression, which involve the interplay of multiple parties to the aggressions. As Achilles Mbembe and Primo Levi have insisted, domination is not simply manifest between “perpetrators” and “victims” but a “spectacle” in which many perform varying, intermediary roles. The victim who recognized and challenged racism against her is dependent upon the racial consciousness and positionality of the bystanders to her aggression and operates in a “gray zone” of tremendous uncertainty. The Brazilian racial hierarchy has successfully inserted many Afro Brazilians as instruments of the oppression of others and the national narrative of racial democracy legitimates their actions. As a consequence of these societal dynamics and the considerable problems in the application of law, victims pursue alternative strategies to legal challenges. What repertoires do victims enact to contest racism at the site of aggression, and how do social dynamics inform those repertoires? In instances of ongoing aggression, what social and legal repertoires do victims enact to manage the ongoing harassment while a legal claim is being processed? This paper draws from 70 interviews conducted with Afro Brazilians who contested racist experiences with a public entity in Sao Paulo, Salvador, and other cities, and shows their strategic choices and creativity in their repertoires of resistance

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Wednesday, April 10 | 9:00 a.m. to Noon

9:15 a.m. | 15 min | Nolder

Dr. Lawrence Sasso, MSM **Financial Literacy**

Today's financial products are more complex than ever before, it is essential that we educate our students the essentials of Personal Finance. This presentation will introduce many of the financial products and decisions young adults will be faced with now and for the rest of their lives. Recent news has reported that financial literacy is a subject matter that young adults want to learn about, unfortunately many times it is not offered to them until they get to college. Even at the college level Personal Finance may not be a required course, and without good mentors or advisors, students graduate from college without ever taking a financial class.

We will investigate the following in this presentation: budgeting, good and bad debt, credit versus debit cards, owning versus leasing a vehicle, renting versus purchasing a home, good interest and bad interest & compounding interest

We will close out the presentation with ways students can invest in themselves. As the legendary author, Stephen Covey (The Seven Habits of Highly Effective People) named it, Habit #7 "Sharpen the Saw."

10:00 a.m. | 15 min | Jacques

Danielle Shaver & Dr. Jennifer Viveiros, PhD, RN **Voluntary Attrition in Undergraduate Nursing Programs**

The purpose of this review was to synthesize what is known about voluntary attrition from nursing programs. Findings of this review are intended to guide admission criteria and retention efforts in traditional undergraduate baccalaureate nursing programs. The search strategy outlined by Whittemore and Knafel (2005) was employed for this review. CINAHL, PsychINFO, ERIC, and MEDLINE were searched generating 68 articles. Ten studies met review criteria. Studies showed underpreparedness academically and emotionally, economic challenges, feelings of isolation, differences between the perception of nursing and realities of professional practice, and incongruence with learning objectives in clinical settings leading to dissatisfaction. Continued work is needed in the area of public awareness of nursing as a rigorous college major. The realities of nursing school, feelings of acceptance, and academic preparedness must be addressed by educators. Interventional research in this area has the potential to enhance retention efforts.

11:30 a.m. | 30 min | Jacques

Marc Tumeinski, Ph.D. **What's in a Name? A Spiritual Architectural Tour**

Our spaces can to some degree influence us, including our sense of self, our understanding of what is important and what we are capable of, knowledge of our history, our emotions and behaviors, and even our relationships. As students, staff, and faculty, we may spend years among the buildings, pathways, and natural spaces here at Anna Maria. Take a walk across our beautiful College campus and we are invited by what we see to contemplate the joy and charism of the Sisters of Saint Anne. Take note of the multiple signs of Catholic faith and reminders of the Catholic intellectual tradition which has informed the educational mission of the Sisters since their founding in 1850, and of Anna Maria College since 1946. The charism of Mother Marie-Anne was to follow Jesus and to share Christ's mission as Educator, motivated by the desire "for the greater glory of God and the salvation of souls." This desire is echoed in the College theme of pursuing 'something greater,' and reminds us that the spirituality of the Sisters is rooted in the tradition of discernment and renewal established by St. Ignatius of Loyola. The College was planned by the Sisters to offer a liberal education that "enlightened the intellect in truth, strengthened the will in good, and elevated the heart through love." We see these same elements written into our current mission and values and inscribed across our campus.

11:30 a.m. | 30 min | IC 159

Dianne White, J.D., Ph.D. **Juveniles and Life Sentences: Legal evolution in American justice systems**

This research project addresses the phenomenon of juveniles who commit murder and their subsequent processing in both the juvenile justice system and the adult criminal justice system in the Commonwealth of Massachusetts. Specifically, this research project examines the issue of juveniles who were convicted of first degree murder and sentenced to life without the possibility of parole prior to the United States Supreme Court ruling in Miller v. Alabama (2012) that rendered such criminal sentences unconstitutional. In light of this ruling, all states were compelled to re-evaluate the sentences of over 2500 inmates in the U.S. The study extrapolated from the total universe of the Massachusetts cases on point to answer the questions: What happened to this class of criminal convicts following Miller? And is society put in jeopardy or otherwise threatened by the re-sentencing of the once juvenile lifers?

**FULL ABSTRACTS
AVAILABLE HERE**



FACULTY POSTER PRESENTATION

Wednesday, April 10 | Information Commons
9:00 a.m. to Noon

Ingyu Moon, Ph.D.

Determinants of COVID-19 Vaccine Hesitancy: 2020 California Health Interview Survey

Determinants of COVID-19 Vaccine Hesitancy: 2020 California Health Interview Survey. Although the COVID-19 vaccine is a key intervention against the ongoing COVID-19 pandemic, vaccine hesitancy is a major barrier to decreasing mortality and achieving population immunity. To reduce vaccine hesitancy, the factors affecting it must be addressed. Based on the determinants of health approach, this study aimed to investigate whether the distribution of determinants of health differed between the vaccine hesitancy group and the vaccine acceptance group and to identify determinants of participants' hesitancy to receive the COVID-19 vaccine if it was available. This study utilized the 2020 California Health Interview Survey. Data were collected using a population-based web and telephone health survey. Data from 21,949 participants in California were included, and 4,183 (23.4 %) showed vaccine hesitancy. The following determinants were positively associated with vaccine hesitancy: female sex, Black and American Indian/Alaskan Native ethnicity, smoking, poverty, U.S.-born citizen, having a safe neighborhood, frequent use of social media, food insecurity, and limited healthcare access. Older age, not having severe psychological distress, and not having diabetes were negatively associated with COVID-19 vaccine hesitancy. This study also found that increased use of social media potentially threatened vaccine uptake, whereas frequent internet use was negatively associated with vaccine hesitancy. Public health and other relevant service providers should address the determinants of vaccine hesitancy and develop effective strategies and interventions for vaccine-hesitant groups.

Kerriann Marden, Ph.D.

A Study of Taphonomic Changes Associated with Variation in the Freeze/Thaw Cycle

Although taphonomic changes caused by freezing temperature have been examined in a forensic context, the effects of cold temperatures are not yet well understood. Most research has been conducted in outdoor contexts, in which variables beyond the researchers' control, such as scavenger activity, often impact the results. While some studies have taken place in controlled, laboratory settings, these have focused primarily on uniform research conditions such as temperature, thaw time, and freezing time, and have allowed specimens to thaw fully at room temperature between freeze events, which does not adequately represent observed weather conditions. This project employs a controlled lab environment but introduces variability in temperature during thawing, length of thaw cycle, and moisture, to determine how different conditions might impact postmortem changes to fleshed and skeletonized remains.

15-MINUTE STUDENT ORAL PRESENTATIONS

Wednesday, April 10 | 9:00 a.m. to Noon

9:00 a.m. | Nolder

Josua Alexander

**Chess And its relation to being an Effective
Manager**

9:00 a.m. | Jacques

Ezekial Diaz

**Mental Health First Aid Trainings for First
Responders**

9:00 a.m. | IC 153

Samuel Knox, Liam Bedenkop & Madison McCutcheon

**The Critical Minutes: Enhancing AED Acces-
sibility to Improve Early Shock Delivery in
Campus Emergencies**

10:15 a.m. | Jacques

Sydney Stebbins

Life is Good Sometimes

10:30 a.m. | Nolder

Victoria Leger

Disability Representation in Film

10:30 a.m. | Jacques

Ann Mann

See Judge Act

11:15 a.m. | Jacques

Penelope Chappel & Robert Pijewski, Ph.D.

**A Systematic Review on the Neurological Ba-
sis of Love**

30-MINUTE STUDENT ORAL PRESENTATIONS

Wednesday, April 10 | 9:00 a.m. to Noon

9:00 a.m. | IC 159

Kaitlin Morin

Ethics and Professionalism in the Public Service

9:30 a.m. | Jacques

Shawn Davis

The Law of Social Cycles; A New Way to Interpret Human Psychology and World Events

9:30 a.m. | Nolder

Chloe Giordano

Social Media Marketing Plan for the New Hampshire Fisher Cats

10:00 a.m. | IC 159

Marissa Brown, Serena Dennis, Gabi Gibson & Daniel Leinweber

Exploring the Topic of Stress and Youth Through a Social Worker Lens

10:00 a.m. | IC 153

Jasmin Powers & Ann Marie Mires, Ph.D.

Brittany Tee-Mapping for the Missing

11:00 a.m. | IC 153

Mensur Bacaliu & Prof. Michael Harris

Methodology of Forensic Photography and A New Reflective Method

POSTER PRESENTATIONS

Wednesday, April 10 | Information Commons
9:00 a.m. to Noon

Cassandra Almendarez

Best Practices for Pregnant Women with Pregestational Diabetes

Damien Alston Jr.

The Impact of Mental Health in Underserved Communities

Melissa Auger

Benefits of Rooming-In Postpartum

Abbey Bazinet

Evidence-Based Practices to Prevent Central-Line Associated Bloodstream Infections

Grace Bond

Catheter Associated Urinary Tract Infection

Stacie Brimmage, Madison Belanger

Kyle George, Hussein Mohamed, Misha Johnson

The Relationship of Psychological Distress and the COVID-19 Pandemic Affected the Amount of Alcohol Consumed

Marissa Brown, Serena Dennis, Gabi Gibson, Daniel Leinweber

Exploring the Topic of Stress and Youth Through a Social Worker Lens

Elie Charles

Using social media marketing to promote fan attendance at Pittsburgh Steelers game

Leika Cherubin

Best Practices to Reduce Healthcare Disparities among Minorities

Alana Conti, Eden Forget, Shayla MacDonald

The Civic Engagement of Freshman Compared to Senior Anna Maria College Students



**FULL ABSTRACTS
AVAILABLE HERE**

POSTER PRESENTATIONS

Wednesday, April 10 | Information Commons | 9:00 a.m. to Noon

Danae DelPrado, Lauren Miller, Nicholas Morley, Bernard Ofosuhene, Elena Shyta, Brian Trefry

Global Health Challenges

Hailey DePaul

The effect of Magnet Hospitals on Occupational Burnout

Carly Drew

Congenital Heart Defects

Talia Eckbold

Caring For Newborns Addicted to Opioids

Angelina Fernandes

Adverse Childhood Experiences (ACEs) and Peer Support

Carloline Gerry

“It’s OKay” social emotional learning an assessment game

Deependra Ghimire

Poverty and mental health issues in Nepal

Allison Gionet

Family Presence During Resuscitation in Healthcare

Aleice Harmon, Alisha Ditaranto, Velvelina Monteiro, Dianis Sanchez

What Role Does Religiosity Play in Understanding Civic Engagement and Civic Literacy?

Elizabeth Hubbard

Best Evidence-Based Practices to Reduce Ventilator-Associated Pneumonia

Clare Jankowski

The Best Practices for Self-Administration of Insulin

Colin Johnson, Molly McKee, Michael Roberge, Faith Whitney

The Impact of Social Media Use on Anxiety in Anna Maria College Students

Mylee Juskavitch

End-of-Life Care for Advanced Heart Failure Patients

Soultana Kalampouka

Career Development of Anna Maria College Students

Nicole LaCoste

Eat Your Treatment

Nathaniel MacIntosh

Improving patient outcomes in times of disaster

Ayden Mapplebeck

Capillary Glucose Monitoring



POSTER PRESENTATIONS

Wednesday, April 10 | Information Commons | 9:00 a.m. to Noon

Kwabena Amofah, Kiera Edmonds, Naomi Moura, Betty Santos, Alejandra Torres, Brian Trefry

A Study of Taphonomic Changes Associated with Variation in the Freeze/Thaw Cycle

Kelly Masembe

Identification and Intervention of Elder Abuse

Rose Melendez

Supporting our Working Students

Ahna Mento

Effects of Poverty on Childhood Development

Kiyiana Minton

Surgical Site Infection Prevention

Eliany Monteiro, Kenya Mosquea, Carissa G Pierre, Ernina Pierre-Louis

Exploring Phobias: Unveiling the Senses

NJogu Mungai

Effective Interdisciplinary Practice for Global Health Issues

John Nadeau

The Impact of Nomophobia

Nora Nolan

Child Abuse

Catherine Ojatabu

Best Practices for Women with Diabetes Who are Pregnant

Elizabeth Putnam

Best Practices in the Treatment of Opioid Use During Pregnancy

Alicia Ross

Medication Errors

Betty Santos

Empowering Journeys: Supporting Children with Autism

Elizabeth Tokarowski

Exploration into the Benefits of Skin-to-Skin Contact in Full Term Infants

Hannah Tomaino

Expressive Art therapy In Pediatric Oncology Patients

Brianna Tooley

Kangaroo Care

Litzy Torrez and Caroline Gerry

Pressure Injury Prevention

Kaissa Wagnac

How unresolved childhood trauma affects adulthood

Devon Weidman

Leadership in Nursing

Jillian Zeena

Instagram and the Mental Health of Young Adults



**FULL ABSTRACTS
AVAILABLE HERE**



CAREER RESOURCE FAIR

Wednesday, April 10 | Information Commons | 11:00 a.m. to 2:00 p.m.

- Abby's House
- Aids Project Worcester
- Alliance of Massachusetts
- YMCAs
- American Addiction Centers
- Assumption Mission Associates
- Athena Health Care Systems
- Autism Allies
- Autism Behavioral Center
- Barnstable County Sheriff's Office
- Berkshire Health Systems
- Boston Mutual Life Insurance Company
- Camp Italia Retreat
- Camp Woodhaven
- Cataldo Ambulance Service
- Catholic Charities Worcester County
- Christopher House of Worcester
- City of Worcester
- Coastal Medical
- Transportation Systems
- Community Healthlink
- Country Bank
- Crossroads Continuum
- Devereux Advanced Behavioral Health
- East Providence Police Department
- Eliot Community Services
- Environmental Health & Engineering
- Executive Office of Veterans' Services
- Goldfish Swim School - Marlborough
- H&R Block
- Jubilee Career Center for the Performing Art, Inc.
- Kaleidoscope Family Solutions
- L.U.K. Crisis Center, Inc.
- Leicester Public Schools
- Life-Skills, Inc.
- Massachusetts Personal Care
- Attendant Workforce Council
- Massachusetts State Police
- Nativity School of Worcester
- Northeast Family Services
- Office of Jim McGovern, Congressman for the 2nd District of Massachusetts
- Old Sturbridge, Inc.
- Oriol Health Care
- RCS Learning Center
- Riverside Community Care
- Saint Vincent's Hospital
- Shrewsbury Public Schools
- Spectrum Health Systems, Inc.
- The Key Program
- The New England Center for Children
- The Overlook Masonic Health Center
- The Roux Institute at Northeastern University
- The TJX Companies, Inc.
- Thom Child and Family Services
- Town of Eastham
- Town of Hudson, MA
- Town of Wellfleet
- UMass Memorial Health
- UMass Memorial Health-Harrington Hospital
- Unibank
- Veterans Inc.
- VPNE Parking Solutions
- Worcester Center for Crafts
- Worcester County Sheriff's Office
- Worcester Cultural Academy
- Worcester Division of Public Health
- Worcester Polytechnic Institute
- Worcester Railers HC
- Worcester Warriors FC
- YWCA Central Massachusetts

LAVIGNE LECTURE SERIES

All are welcome to attend the 2024 Edith Moody LaVigne Lecture Series event on April 10th at 4:00 pm in Info Commons. This year's featured author is esteemed Anna Maria College Professor Virginia Heslinga.

Virginia will present her memoir "Grace Interlaced." A faculty panel from the Humanities and Fire Science programs, Dr. Lisa LeBlanc, Dr. Craig Blais, Fr. Stephen Lundrigan, and Gary Daugherty, will accompany Virginia as she takes the audience on her journey through tragedy, healing, faith, and forgiveness.

The lecture series is made possible by the generous support of the late Edith Mooney LaVigne '63, Anna Maria College former Trustee and Alum.

Please join us in welcoming Virginia, a professor at Anna Maria College for 20 years, most recently teaching in our online programs, home to campus! A book signing and hors d'oeuvres reception will follow the presentation. We look forward to seeing you there!

The poster features the Anna Maria College logo at the top, which includes a stylized torch and the motto "LUX ET VERITAS". Below the logo, the text reads "ANNA MARIA COLLEGE". The main title of the event is "2024 Featured Author Virginia Heslinga", with the date and time "Wednesday, April 10th at 4 p.m." and location "Information Commons". A portrait of Virginia Heslinga is shown on the right. On the left, the cover of her memoir "Grace Interlaced: A Memoir" is displayed, featuring a woman in a green jacket. Below the portrait, a paragraph describes her as a writing professor who encourages students to discover their own writing styles and "voices". It also mentions that a panel of faculty will discuss the book and its real-world implications. At the bottom, it states "A book-signing and reception will follow the lecture." and "All are welcome to attend." The footer includes a small circular portrait of Edith Mooney LaVigne '63, a note about the lecture series' legacy, contact information for questions (kchampagne@annamaria.edu), and the college's address (50 Sunset Lane, Paxton, MA 01612).

2024 Featured Author
Virginia Heslinga

Wednesday, April 10th at 4 p.m.
Information Commons

Grace Interlaced
A Memoir
Virginia Heslinga

Virginia Heslinga is known by generations of Anna Maria students as the writing professor who encourages her classes to discover their own writing styles and "voices" and to look at their own life experiences through the eyes of a storyteller. The author and a panel of Anna Maria Fire Science and Humanities faculty will discuss the book and its real-world implications.

A book-signing and reception will follow the lecture.
All are welcome to attend.

The lecture series is the legacy of Edith Mooney LaVigne '63, beloved Anna Maria alumna and Trustee.

Questions? Email kchampagne@annamaria.edu

Anna Maria College | 50 Sunset Lane, Paxton, MA 01612

NOTES





ANNA MARIA COLLEGE

2024 Academic Symposium

THANK YOU TO THE ACADEMIC SYMPOSIUM COMMITTEE

**James Bidwell, Mensur Bacaliu, Jennifer Carlson,
Kelly Champagne, Bruce Cohen, Meaghan Hardy-Lavoie,
Sang Kim, Amrita Karki, Jane Rogers, & Lisa Williams**
