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Women's Studies

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General Members

Derek Marshall

Office of Undergraduate Research (OUR) Grant Winners

Dylan Baker | Department of ECE | Professor Hong Liu

“Security for the Emerging Internet of Things: A Case Study Using Remote Sensing to Track Orbital Debris”

Daniela Brouwer | Department of Biology | Professor Robert Drew

“Proteomics Analysis of Mucus from the Clark's Clownfish, *Amphiprion clarkia*”

Catrina Combis | Department of Psychology | Professor Christina Crowe

“The Relationship Between Having a Sibling With a Developmental Disability and Indicators of the Typically Developing Sibling's Psychosocial Well-Being”

Nicholas Cyrek | Department of Biology | Professor Kathryn Kavanagh

“The Environmental Mechanisms Behind Allen's Rule”

Daniel Durning | Department of Biology | Professor Robert Drew

“SIAT7 Expression in Clownfish Mucosal Coat Producing Cells”

Brian Glazier | Department of Chemistry & Biochemistry | Professor David Manke

“Actinide MOF's for Carbon Capture”

Timothy Lorgeree | Department of Biology | Professor Mark Silby

“Isolation and Identification of Secretion Produced by *Pedobacter* sp. V48”

Jocelyn Jefferson | Department of Nursing | Professor Susan Hunter Revell

“Effects of HPV Vaccination Education on Attitudes and Knowledge in College Students”

Elsa McGilvray | Department of Nursing | Professor Jennifer Viveiros

“Predictors for Cognitive Impairment in Heart Failure Patients”

Haim Moore | Department of Biology | Professor Robert Drew

“Degree of Soil Heterogeneity Effects on Plant Species Diversity Above and Below Ground”

Kayla Tibbetts | Department of Biology | Professor Pia Moisander

“Antibiotic Resistance and UMass Dartmouth”

Kayla Torres | Department of Nursing | Professor Kathleen Elliot

“The College Lifestyle and its Effects on Heart Health: Who is at Risk?”

Sarah Wilson | Department of Biology | Professor Erin Bromage

“Importance of Aquarium Trade Sustainability: What Can New Bedford and North Dartmouth do to Help?”

Honors Program News

Unforgettable Semester Abroad

CAROLINA MENDEZ '16

During the fall semester, I had the opportunity to go study in England. I attended the University of Central Lancashire (UCLAN) in which I completed my international business minor. It was an unforgettable experience that introduced me to new ideas, concepts, cultures, languages, places, and people that opened a whole new world of exciting memories and adventures. It also helped me become an independent individual and enrich my knowledge of British and European economy structure and currency systems that could potentially help me in my professional career in the international business field.

Here at UMass Dartmouth, I have a pretty busy student life being a Resident Assistant, having an off-campus part-time job, volunteering in the community, and taking Honors and upper-level classes. Fortunately, it was totally different student



life in England. I was not as busy as I am used to and that allowed me to immerse in the British culture and to explore multiple British historic places such as Stonehenge, Great Bell (Big Ben), Windsor Castle,

Buckingham Palace, and the Collegiate Church of St Peter and Edinburgh Castle.

UCLAN's international exchange program is really big and they welcome students from all over the world. This gave me the opportunity to create long-lasting friendships with students from Germany, Canada, Japan, Egypt and South Korea. Being in the UK also opened the doors to explore other European countries. I visited Scotland, Belgium, Netherlands, Germany, Austria, Italy, Vatican City, Switzerland, and France. It was an exciting experience which is why I encourage all of you to study abroad. It is a life changing opportunity that is affordable as long as you plan ahead and reach out to all of the resources offered through the university and other organizations.



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Instagram: @umdhonors

Letter from the Directors

ALIESHA PATTERSON '17 AND
JULIANNA BARDON '18

Hello from your student directors of the Honors Program: Student Director Aliesha Patterson, and Associate Student Director Julie Bardon. This was our first semester working together as student director and associate director and we both agree that this has been one of our most rewarding experiences.

Each week, students meet for our weekly council. Honors council is a wonderful chance to voice your opinions about the program and most importantly gives you an opportunity to better the program. The Honors Council also plans all of our yearly events.

We had the amazing opportunity to bond with fellow Honors students on many occasions. We had community service events this semester which enabled us to give back to our local communities. Our academic events such as study nights allowed students to get help from fellow students and professors. Last but not least, our social events including movie nights, and our trips to Lazergate, WonderBowl and SixFlags, allowed students to meet each other and create lifelong memories.

We are here to help and answer any questions you may have. Please feel free to drop in on one of our weekly Honors Council meetings and also feel free to contact us by email.

Have a great summer!

Aliesha & Julie

Honors Program News

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University Honors Program

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Honors Abstract:

Nurses' and Students' Knowledge and Attitudes Towards Pain Management

ANNE BRUM '16
RN-BSN Program

PROBLEM: Deficits in knowledge and attitudes regarding pain treatment exists among nursing students. Few studies have explored whether nursing practice and/or further training on pain management impacts student knowledge and attitude about pain treatments.

PURPOSE: This study identified the knowledge and attitudes towards pain management in senior level nursing students in one baccalaureate program and compared knowledge and attitude levels with practicing nurses in one RN-BS program.

METHOD: Data was collected from a convenience sample of 40 senior level nursing students and 10 RN-BSN students by online survey using the Nurses Knowledge and Attitudes Survey Regarding Pain (NKASRP). Scoring of the tool was based on participant responses to 21 true/false and 13 multiple choice questions and two case studies. Scores of the senior level nursing students were compared to those of the practicing nurses.

RESULTS: Analysis of the data using the Statistical Package for Social Sciences, (SPSS), showed that practicing nurses scored higher on the NKASRP. Questions about the indication for use, peak time and duration of opioids were among those with low scores. Also three questions related to the topic of addiction scored low. Results of the case studies showed that participants would under treat pain.

CONCLUSION: This study suggests there are gaps in basic nursing knowledge about pain assessment, opioid analgesia, and the risk of addiction. Since student nurses ($\mu=67.3\%$) scored lower than the practicing nurses ($\mu=76.2\%$), it could be concluded that education in pain management may need to be fortified. Implications are that the nursing education curriculum may need to include more instruction on pain management.

Featured Artwork from an Honors Student

JULIANNA BARDON '18



"Checkmate"

18" x 24"
Acrylic on canvas

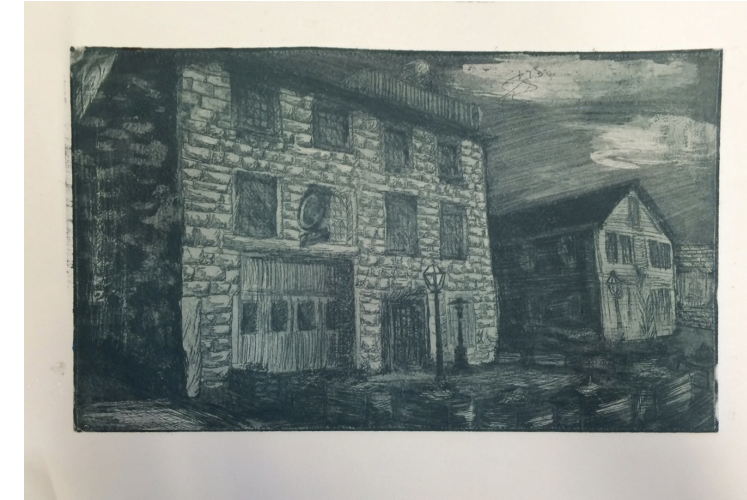
This piece is a still life of my brother's glass chess set. Before setting up the still life, he and I played a match against each other. My brother won by putting my king in check, hence the title, "Checkmate."

To portray our chess match in one single image, I tried to make the frosted pieces look as though they were towering over my fallen king, representing my loss in the match.



Germany Study Abroad Scholarship Winners

This Spring 2016 semester, the Honors Program, in conjunction with Magali Carrera from the Office of the Vice Provost, provided the opportunity for two Honors students to attend an all-expenses paid summer study abroad session in Germany. The two Honors students who were chosen are: Samantha Reid and Daniel Tocci. Congratulations to these two students who were chosen for this opportunity!



Architectural Etching

11" x 7"
Etched zinc plate printed on acid free paper

For this assignment we were tasked with helping to preserve the architecture of New Bedford's Historic District. I chose to create an image based off one of the buildings facing the harbor. This building is now home to Cork - a

local restaurant, but the building itself dates back to 1836, when it was known as the Joseph Taber Building on 90 Front St. in New Bedford. As part of my assignment, we were trying different printing methods which