Cross Insurance Center, Apr 10, 2019

08:00AM - 09:00AM

Arena

Registration Opens
All Students presenting posters and exhibits must setup during this time.

08:30AM - 12:30PM

Meeting Room 2

4-H STEM Ambassador Experience
4-H STEM Ambassadors are trained University of Maine students who facilitate hands-on science, technology, engineering, and math (STEM) activities with youth 8–14 years old throughout the state of Maine. Through 4-H STEM Ambassadors, youth become connected to the research, resources, and scientists at Maine's public universities. Before 4-H STEM Ambassadors work with children, they complete hands-on training to understand how to work with and keep youth safe, as well as how to facilitate inquiry-based STEM activities. Join us to learn about what we do, the types of activities we facilitate, and how to join!

08:30AM - 03:30PM

Meeting Room 4

Maine Journal Project: Student Interviews
Attention all Student Presenters! Stop by Meeting Room 4 to give a short interview with the Maine Journal regarding your researc experience at the University of Maine. This is a great opportunity to spread the word about the impact your research makes! About Maine Journal The Maine Journal is a digital publication for showcasing the excellent work of undergraduate students at the University of Maine. Student work is published using a variety of digital media, to best represent the quality of the work. The Maine Journal highlights individual stories of academic excellence, identified through faculty recommendations, announcements of campus awards or fellowships, performing arts events, etc. The Maine Journal staff members connect with these students, collect and digitize their work, and conduct and record interviews that are published with the work, to provide context.

09:00AM - 09:15AM

Arena

Opening Ceremony
Opening Flag Ceremony by UMaine ROTC. President's Welcoming Remarks.

09:30AM - 10:30AM **Arena**	## Student AM1 Presentations Format : Oral | Poster | Exhibit Track : Allied Health | Arts | Biomedical Sciences | Business | Education | Engineering & Info Systems | Natural Sciences | Physical Sciences | Social Sciences | Interdisciplinary
09:30AM - 12:00 Noon **Meeting Room 3**	## *IURC Project Presentations* Interdisciplinary work is more relevant today than ever, and has become critical to addressing grand challenges statewide and beyond. Projects scheduled to present include: · Making Maine's Local Food System Sustainable: Opportunities to Address Hunger and Reduce Waste · Fall Detection and Prevention Research Collaborative · Machine learning for big-data to assess biological responses to environmental stressors · Coastal Ecosystem Science for Maine's Marine Economy and Coastal Communities · Planning for uncertainty: The role of schools and community institutions in preparing the next generation for a new economy · Assessing riparian management as a tool for balancing Maine's forest economies and freshwater resources · Risk of zoonotic disease from an iconic wildlife reservoir · Muscular Dystrophy Genomics Research Collaborative · Maine Agriculture Apps Project
10:30AM - 11:00AM **Arena**	## *Morning Break & entertainment by "Mainely Voices"* Mainely Voices is the University of Maine's premiere mixed acappella group made up of students from all majors and backgrounds. We perform an array of music for the University and public at school events, local events, fundraisers, schools, and concerts.
11:00AM - 12:00 Noon **Arena**	## Student AM2 Presentations Format : Oral | Poster | Exhibit Track : Allied Health | Arts | Biomedical Sciences | Business | Education | Engineering & Info Systems | Natural Sciences | Physical Sciences | Social Sciences | Interdisciplinary
12:00 Noon - 01:00PM **Meeting Room**	## *Lunch*

12:30PM - 01:00PM **Arena**	## *Luncheon Award Ceremony* Awards CUGR 2019 Summer Fellowships Maine Space Grant Consortium Graduate and Undergraduate Summer Fellowships Graduate Alumni Award Provost's Innovative and Creative Teaching Award Dean of Graduate School Undergraduate Mentoring Award
12:30PM - 01:30PM **Meeting Room 1**	## *Thesis/Dissertation Formatting Review Workshop* The Admissions Office will be tabling from 9:30AM - 4:00PM at the Student Symposium for students, parents and school administrators interested in finding out more information on how to apply to The University of Maine. We are also inviting College Transfer Advisors, High School School Counselors, Administrators and Teachers to join us for Lunch at Season's Restaurant from 12:00PM - 1:00 PM for a luncheon.
01:00PM - 02:00PM **Arena**	## Student PM1 Presentations Format : Oral | Poster | Exhibit Track : Arts | Biomedical Sciences | Business | Education | Engineering & Info Systems | Natural Sciences | Physical Sciences | Social Sciences | Interdisciplinary
02:00PM - 02:30PM **Arena**	## *Afternoon Break & 3-Minute Thesis Presentations* The three finalists will perform their presentations at the upcoming UMaine Student Symposium on April 10 at the Cross Insurance Center in Bangor. They are: • First Place – Cameron Hodgdon, doctoral candidate in Marine Biology, "Incorporating environmental drivers to improve assessment & projections for American lobster in a changing Gulf of Maine & Southern New England"• Second Place – Atefeh Rajaei, doctoral candidate in Biochemistry and Molecular Biology, "Alternative ways of combatting bacterial infections"• Third Place – Charitha Perera, doctoral candidate in Chemistry, "Artificial photosynthesis: Turning water into Hydrogen (H2) fuel using sunlight"

02:00PM - 03:30PM **Meeting Room 5 & 6**	## *Idea Validation Workshop* New innovations based on cutting-edge research have a high failure rate because they focus on the wrong needs or even the wrong end user. Attend the idea validation workshop to learn how you can use Innovation Engineering tools to test your assumptions and validate that they align with end user needs, wants and expectations. This workshop is open to faculty, students and staff. This workshop is part of the University of Maine System Innovates Training Series. Presenter: Renee Kelly, Assistant Vice President for Innovation and Economic Development Link for registration : Register here About the University of Maine System Innovates Training Series: The Office of Innovation and Economic Development would like to invite you to participate in workshops that provide training for faculty, staff and students interested in doing research work with companies or turning their research into innovations for the public. These commercialization workshops are part of the University of Maine System Innovates series. Each interactive workshop will have subject matter experts presenting on the topics listed below. Participants can earn a completion certificate by attending the four core workshops and two electives.
02:30PM - 03:30PM **Arena**	## Student PM2 Presentations Format : Oral | Poster | Exhibit Track : Allied Health | Arts | Biomedical Sciences | Business | Education | Engineering & Info Systems | Natural Sciences | Physical Sciences | Social Sciences | Interdisciplinary
03:30PM - 04:30PM **Arena**	## *Keynote Speech* The UMaine Student Symposium (UMSS) celebrates student research and creative work each year. The 2019 UMSS keynote speaker is Stuart Kestenbaum, Maine's Poet Laureate. His speech will be about creativity and how people are at their best when they have a framework and limitations. Kestenbaum says he will be reading some of his own poems to illustrate this point, talking about craft and creativity, and about ingenuity and the creative process in all fields of endeavor. The theme of the speech will be "Nothing Like a Deadline: Some Thoughts on the Creative Process" and will take place April 10 at the Cross Insurance Center in Bangor.
04:30PM - 05:00PM **Arena**	## *Symposium Awards* Students must be present to receive the monetary awards. The top scoring Graduate and Undergraduate presentation in each of the 10 categories. Dr. Susan J. Hunter Research Impact Awards: Graduate and Undergraduate