# The University of Maine DigitalCommons@UMaine

General University of Maine Publications

University of Maine Publications

4-2021

# UMaine celebrates research, creativity and public service with virtual Maine Impact Week

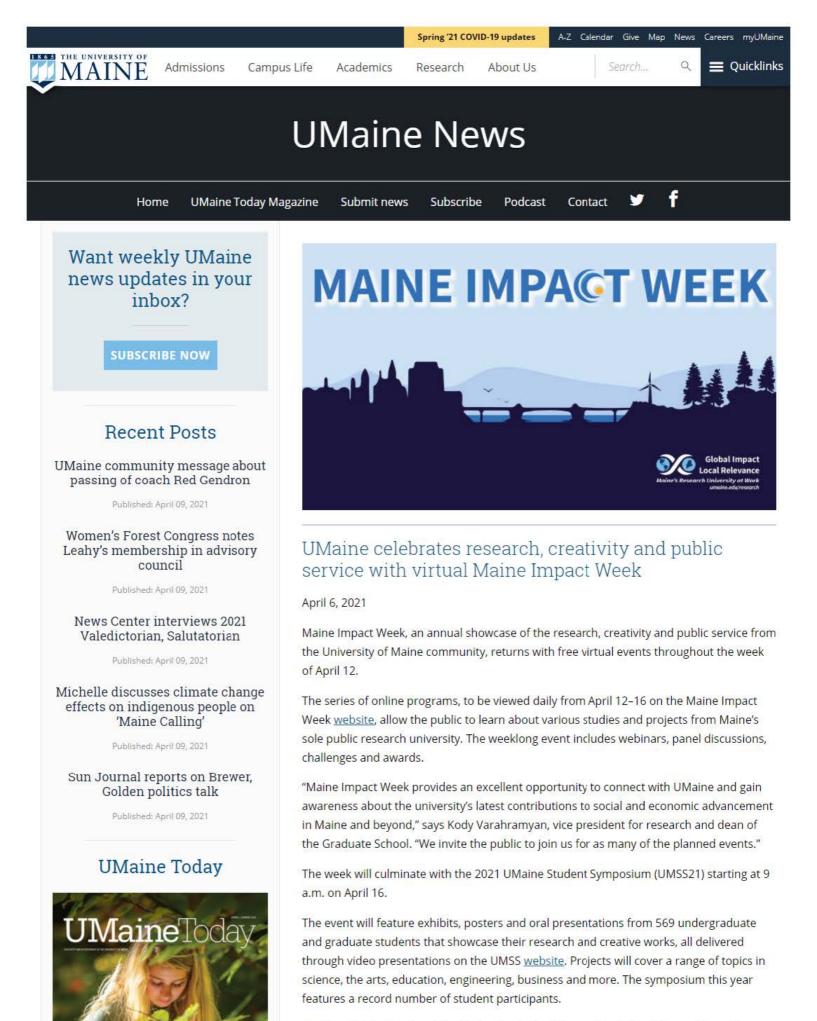
Vice President for Research and Dean of the Graduate School

Marcus Wolf

Follow this and additional works at: https://digitalcommons.library.umaine.edu/univ\_publications

Part of the Higher Education Commons, and the History Commons

This Webpage is brought to you for free and open access by DigitalCommons@UMaine. It has been accepted for inclusion in General University of Maine Publications by an authorized administrator of DigitalCommons@UMaine. For more information, please contact um.library.technical.services@maine.edu.



Dr. Niray Shah, director of the Maine Conter for Disease Control and Provention, will serve



as the keynote speaker, delivering his address at 11:30 a.m. via Zoom. Registration for the symposium is required, and can be done <u>online</u>.

"This annual event is the largest research event in the state with a very diverse and broad range of research connected to every aspect of our lives," says Ali Abedi, associate vice president of research and director of the Center for Undergraduate Research (CUGR). "The opportunity for the general public to engage in a dialogue with UMaine students and learn about UMaine's impact in the state is priceless."

Other highlights for Maine Impact Week include:

#### **EPIC Discovery Race**

April 12-15

Student teams will compete by completing virtual challenges posted each day to win points, with the top three teams that earn the most winning a monetary award of up to \$500. Winners will be announced at the UMaine Student Symposium awards ceremony.

#### **Faculty Mentor Awards**

#### April 12

The awards recognize faculty from each college for their ability to guide and inspire students. Recipients will be selected from student nominations. Video messages from the winners and nominators will be posted on the Maine Impact Week website on April 12. The winners also will be recognized during the UMSS Awards Ceremony.

#### **Big Gig Pitch Competition: Season Finale**

5 p.m. April 13

Three entrepreneurs will propose their early-stage businesses or business ideas to win the \$500 cash prize and the chance to pitch for \$5,000.

#### **VEMI Lab Autonomous Vehicle Roundtable**

#### 7 p.m. April 14

The Virtual Environments and Multimodal Interaction Laboratory (VEMI Lab) at UMaine will host an autonomous vehicle roundtable discussion with a <u>YouTube Live</u> Q&A session. The event will feature lab co-founders Richard Corey and Nicholas Giudice and other transportation experts.

More event details and registration information can be found on the Maine Impact Week <u>website</u>.

Contact: Marcus Wolf, 207.581.3721; marcus.wolf@maine.edu



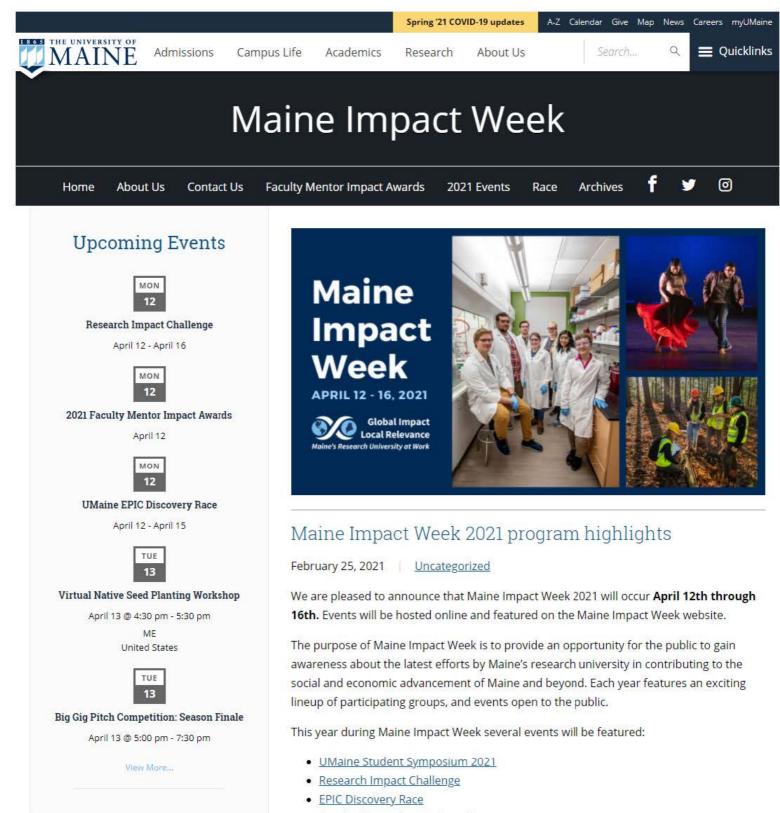
**Division of Marketing and Communications** 5703 Alumni Hall Orono, ME 04469-5703

Tel: 207.581.3743 Fax: 207.581.3776 Home Submit news Podcast

0

UMaine Today Magazine Subscribe Contact

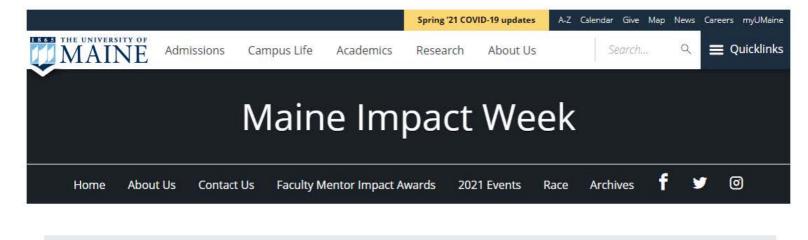
Apply Student Resources Nondiscrimination notice Clery Safety and Security Report COVID-19 Risk Statement Emergency



- Faculty Mentor Impact Awards
- Microbes and Social Equity spring speaker series
- Big Gig Pitch Competition: Season Finale
- · Virtual tours, live webinars, panel discussions and more

Stay tuned for more details on each event and new ones to the Maine Impact Week calendar!

To see a listing of events go to the website.



### Maine Impact Week Events 2021

WEEK AT-A-GLANCE

CALENDAR VIEW



Research Impact Challenge



2021 Faculty Mentor Impact Awards



UMaine EPIC Discovery Race



Virtual Native Seed Planting Workshop



Big Gig Pitch Competition: Season Finale



Health and Social Equity Among a Homeless Population







Alumni Panel on Career Impact of UMaine Education and Experiences: Session 1

E.S.C.

VEMI Lab Autonomous Vehicle Roundtable Alumni Panel on Career Impact of UMaine Education and Experiences: Session 2



What is UMaine MARINE?



2021 UMaine Student Symposium



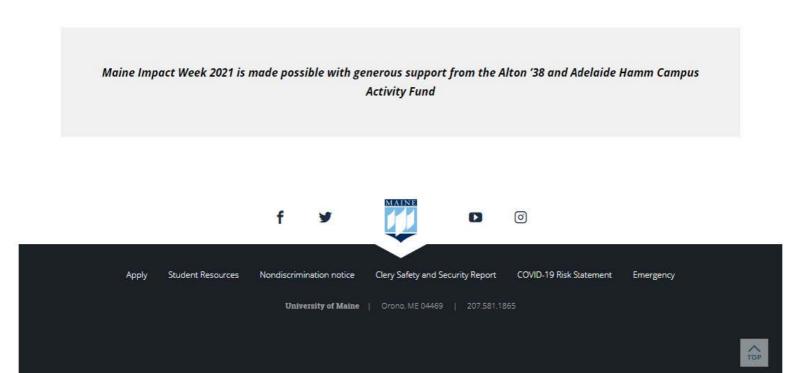
Creativity vs. COVID Exhibition

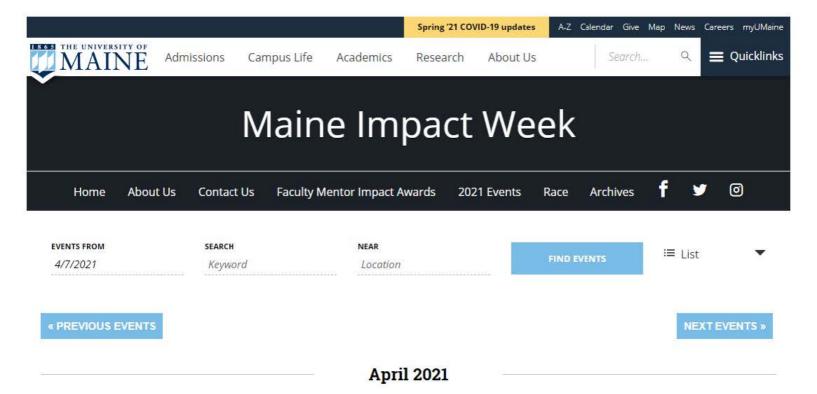


UMSS21 Keynote Speaker: Dr. Nirav Shah



Pathways to commercialization of medical products or devices





### Research Impact Challenge

April 12 - April 16



Back by popular demand! The Research Impact Challenge is a professional development opportunity to help researchers better understand and manage their online scholarly presence, as well as consider ways to describe the impact and reach of their work. Each day for five days during Maine IMPACT Week, participants will receive an email with a suggested task designed to build and curate one's scholarly profile, measure the impact of one's research, and/or promote one's work to reach new audiences. Activities vary,...

Find out more »

### 2021 Faculty Mentor Impact Awards

April 12



Faculty members from each college are selected from student nominations. Winners will be announced virtually during the UMaine Student Symposium on Friday, April 16 and will be posted online.

Find out more »

### UMaine EPIC Discovery Race

April 12 - April 15



The UMaine EPIC Discovery Race is on! Student teams assemble, but choose wisely as top teams will win a monetary reward which will be split between the team members. Teams



must be between 2-5 members. The race is a competition for UMaine and UMM students which will run from Monday, April 12, 2021 through Thursday, April 15, 2021. Students will complete virtual challenges to win points for their team. Challenges will be posted daily but can be completed anytime during...

כבשיווס יוווו יוווי ע הוסורבישין ו כוושים אווויביו יוווו של טףור שכנורבירי נוכ כבשוו וויכוווש כוסי ו כשוווט

Find out more »

### Virtual Native Seed Planting Workshop

#### April 13 @ 4:30 pm - 5:30 pm

Virtual Event, Online Programming <u>ME</u> United States + Google Map



Join 4-H for a Virtual Native Seed Planting Workshop on April 13th at 4:30 p.m. One of UMaine Extension's Master Gardener Volunteers will be teaching youth about the importance of flowers native to Maine and their relationship with our pollinators. Youth will then be guided through the process of planting their own native seeds\*. This program is open to youth ages 10-18. A zoom link will be provided upon registration. \*Please note, by registering for this event youth are expected...

Find out more »

### Big Gig Pitch Competition: Season Finale

April 13 @ 5:00 pm - 7:30 pm



Three entrepreneurs will pitch their innovative, early-stage business or business idea to a panel of three judges and the audience in the season finale of the 2020-21 Big Gig series. The winning entrepreneur will walk away with a \$500 prize and a chance to pitch for \$5,000 in the Big Gig season finale. Pitchers for this round will be determined by the outcomes of the three regular season Big Gig events. Big Gig represents a partnership between a motivated group of...

Find out more »

### Health and Social Equity Among a Homeless Population

April 14 @ 12:00 pm - 1:00 pm



A talk by LTC. Andrew J. Hoisington, Ph.D. Part of the Microbes and Social Equity spring speaker series, which runs on Wednesdays, 12 1 p.m. from Feb. 10 Apr. 28.. Registration is required, but is free and open to the public. All seminars will be recorded and available online after the presentation date. Registration Link Title: Investigating Social determinates of Health and Social Equity Among a Homeless Population; a United States-Veteran Microbiome Project (online) About the seminar: In 2019, over half a million...

Find out more »

### Alumni Panel on Career Impact of UMaine Education and Experiences: Session 1

April 14 @ 1:00 pm - 2:00 pm



Join us for one of two alumni panels during Maine Impact Week. UMaine alumni will be speaking about how their UMaine education and experiences in research centers enhanced



their careers. They will discuss their current positions and how research opportunities at UMaine's Climate Change Institute, the Center for Research in STEM Education, and the Advanced Structures and Composites Center helped them achieve their goals. Attendees will be given the opportunity to ask questions of the panelists about their achievements and...

Find out more »

### VEMI Lab Autonomous Vehicle Roundtable

April 14 @ 7:00 pm - 8:00 pm



The VEMI Lab is hosting an autonomous vehicle roundtable discussion with a YouTube Live Q&A session. Special guests from the Maine DOT, and the Maine based Independent Transportation Network of America will join Dr. Nicholas Giudice and Dr. Richard Corey to discuss VEMIs research into autonomous vehicle accessibility in Maine and around the world. Attendees will have the chance to ask questions and interact with the panel after the discussion to learn more about current research and the future of...

Find out more »

### Alumni Panel on Career Impact of UMaine Education and Experiences: Session 2

April 15 @ 11:00 am - 12:00 pm



Join us for one of two alumni panels during Maine Impact Week. UMaine alumni will be speaking about how their UMaine education and experiences in research centers enhanced their careers. They will discuss their current positions and how research opportunities at UMaine's Center For Undergraduate Research, the Center for Research in STEM Education, and the Center for Community Inclusion and Disability Studies helped them achieve their goals. Attendees will be given the opportunity to ask questions of the panelists about... Find out more »

## What is UMaine MARINE?

April 15 @ 3:00 pm - 4:00 pm

Virtual Event, Online Programming ME United States



Participate in this virtual event to find out about the UMaine MARINE Initiative and learn about current projects. The event will include live feeds from projects around the state and a panel of professionals to answer your questions about UMaine MARINE. Registration is required.

Find out more »

#### « PREVIOUS EVENTS

#### NEXT EVENTS »

+ EXPORT EVENTS



# **Research Impact Challenge**

April 12 - April 16



Back by popular demand! **The Research Impact Challenge** is a professional development opportunity to help researchers better understand and manage their online scholarly presence, as well as consider ways to describe the impact and reach of their work.

# Each day for five days during Maine IMPACT Week, participants will receive an email with a suggested task designed to build and curate one's scholarly profile, measure the impact of one's research, and/or promote one's work to reach new audiences.

Activities vary, but typically take anywhere from 5-30 minutes, and can be completed on any internet-enabled device.

These daily "challenges" are designed for researchers to accomplish over the course of one week. However, each activity stands alone and can be completed separately from the others and at a time that is convenient for participants. Throughout the week, participants will also receive tips for staying on top of publishing trends that may benefit their scholarship. All are welcome to participate – the activities may be especially resonant for graduate students and early career scholars.

Please RSVP to participate in this fun and exciting event!

#### Details Start: April 12 End: April 16 **Event Categories:** Friday, Monday, Thursday, Tuesday, Wednesday

9 1

- 1

Website: https://libguides.library.umaine.edu/researchchallenge

### **Related** Events

April 13 @ 5:00 pm - 7:30 pm

**Big Gig Pitch Competition: Season Finale** 

#### Organizer

Jen Bonnet

Phone: (207) 581-3611

Email: jenbonnet@maine.edu

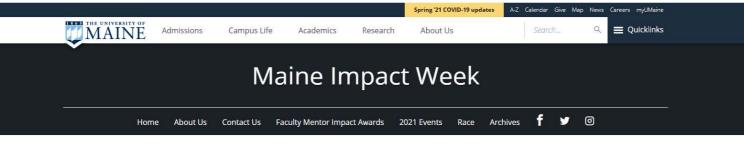
Student

April 16



TOP

« UMAINE STUDENT SYMPOSIUM UMSS20 **AAINI** f 0 Clery Safety and Security Report COVID-19 Risk Statement Apply Student Resources Nondiscrimination notice Emergency University of Maine | Orono, ME 04469 | 207.581.1865

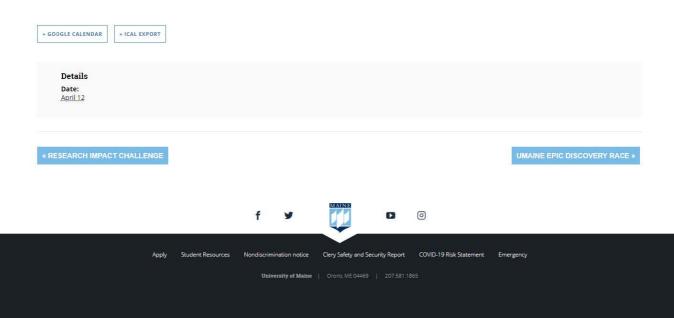


#### 2021 Faculty Mentor Impact Awards

April 12



Faculty members from each college are selected from student nominations. Winners will be announced virtually during the UMaine Student Symposium on Friday, April 16 and will be posted <u>online</u>.





### Welcome to the third annual Faculty Mentor Impact Awards celebration!

We are pleased to be able to recognize and celebrate all UMaine Faculty Mentors in this virtual environment.

Earlier this year, we asked students to nominate faculty members who had an important impact on them and the response was incredible.

Through online videos and announcements, we are featuring the nine faculty members who won **2021 Faculty Mentor Impact Awards**.

Please take a moment to celebrate these -- and all of the faculty -- who are going above and beyond to educate and support UMaine students every day.

Now more than ever, it is important to recognize the dedication our faculty members bring to making the University of Maine have Global Impact with Local Relevance.



List of Faculty Mentor Awardees:

**School of Marine Sciences** 

Kristina Cammen

**College of Liberal Arts and Sciences** 

Shannon McCoy

#### **College of Education and Human Development**

Kathleen Gillon

**College of Engineering** 

### Awardee Spotlight



-----0-----0------0

Aaron Gallant

Karissa Tilbury

#### **Maine Business School**

Yonggang "Tim" Lu

#### School of Food and Agriculture

Pauline Kamath

#### School of Social Work

Elizabeth DePoy

#### **School of Policy and International Affairs**

Jim Settele



Shannon McCoy MIW 2021 Facult... Jim Settele e Direc MIW 2021 Facult... = ð O







# UMaine EPIC Discovery Race

April 12 - April 15



#### The UMaine EPIC Discovery Race is on!

Student teams assemble, but choose wisely as top teams will win a monetary reward which will be split between the team members. Teams must be between 2-5 members.

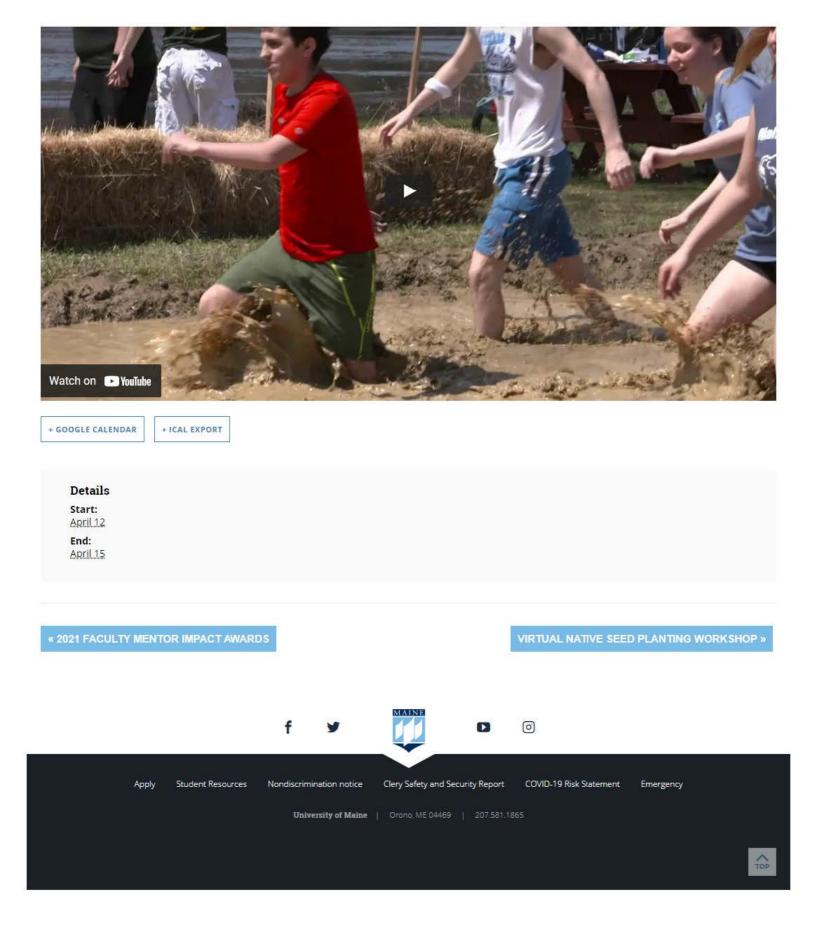
The race is a competition for UMaine and UMM students which will run from **Monday**, **April 12**, **2021 through Thursday**, **April 15**, **2021**. Students will complete virtual challenges to win points for their team. Challenges will be posted daily but can be completed anytime during the week.

Monetary prizes will be awarded to the top three teams. Winners will be announced at the UMaine Student Symposium Awards Ceremony.

Watch later

The First 200 participants to earn a t-shirt badge (by completing challenges) will receive a t-shirt.

**Register today!** 





# Virtual Native Seed Planting Workshop

April 13 @ 4:30 pm - 5:30 pm



Join 4-H for a Virtual Native Seed Planting Workshop on April 13th at 4:30 p.m. One of UMaine Extension's Master Gardener Volunteers will be teaching youth about the importance of flowers native to Maine and their relationship with our pollinators. Youth will then be guided through the process of planting their own native seeds\*.

#### This program is open to youth ages 10-18. A zoom link will be provided upon registration.

\*Please note, by registering for this event youth are expected to participate in the workshop, plant the native seeds we provide, and help our state increase its native plant population. These seeds require specific preparation upon planting in order to germinate.

We will provide 2 types of native seeds, New England Asters and Black-eyed Coneflower, 2 pots, builders sand, and soil for planting. Due to the weight of the soil and the bulk of the pots, we encourage supplies to be picked up at the Oxford County Extension Office.

To register, visit the UMaine Extension website.

#### Details

#### Date: April 13

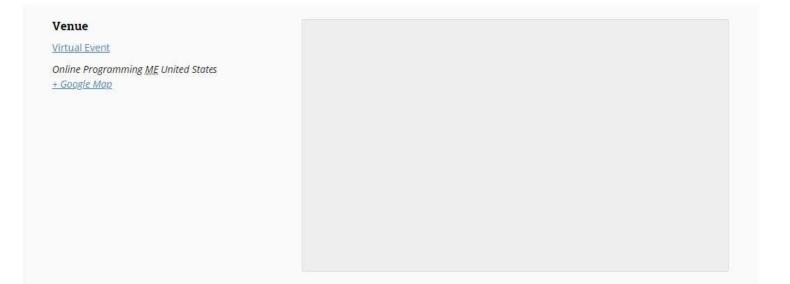
Time: 4:30 pm - 5:30 pm

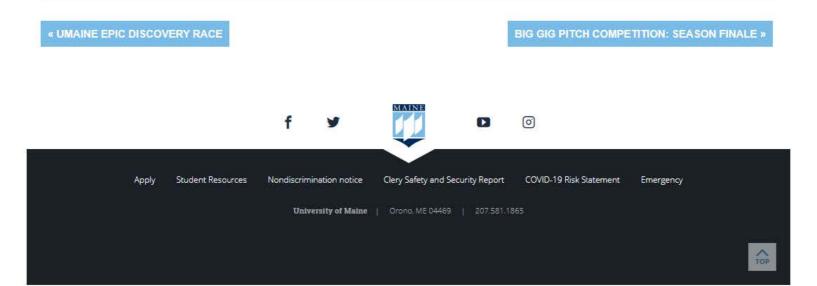
Event Categories:

High School, K-8

Website:

https://extension.umaine.edu/register/product/nativeseed-planting/





#### Organizer

<u>Sara King</u> Email: sara.johnson@maine.edu



# **Big Gig Pitch Competition: Season Finale**

April 13 @ 5:00 pm - 7:30 pm

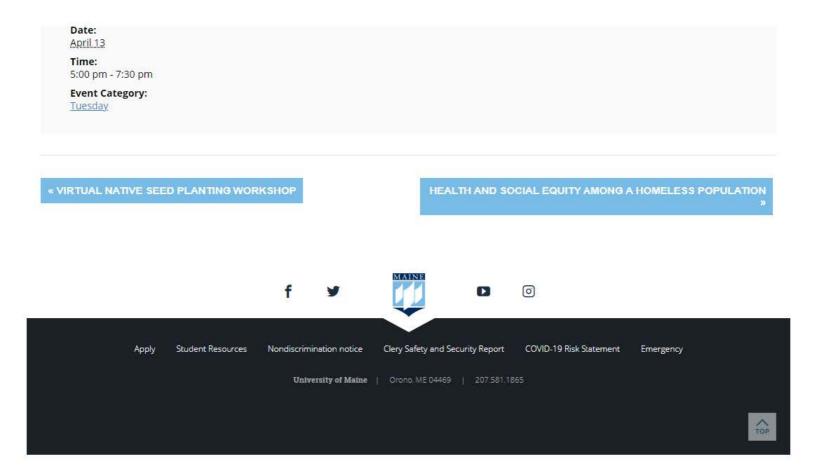


Three entrepreneurs will pitch their innovative, early-stage business or business idea to a panel of three judges and the audience in the season finale of the 2020-21 Big Gig series. The winning entrepreneur will walk away with a \$500 prize and a chance to pitch for \$5,000 in the Big Gig season finale. **Pitchers for this round will be determined by the outcomes of the three regular season Big Gig events**.

Big Gig represents a <u>partnership</u> between a motivated group of municipalities, universities, and organizations in Maine's Penobscot River Valley who work with local innovators and entrepreneurs to create a supportive network and to bring positive change and economic growth to our communities.

To learn more about Big Gig, visit their website.

+ GOOGLE CALENDAR + ICAL EXPORT





# Health and Social Equity Among a Homeless Population

April 14 @ 12:00 pm - 1:00 pm



A talk by LTC. Andrew J. Hoisington, Ph.D.

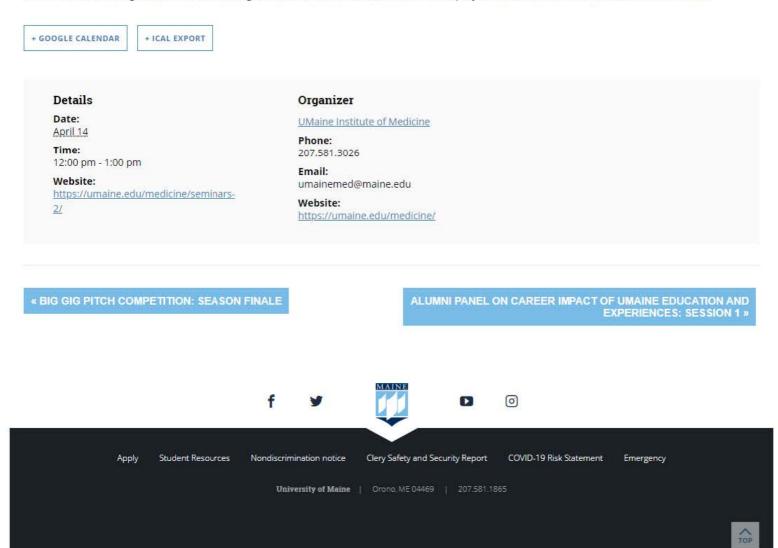
Part of the Microbes and Social Equity spring speaker series, which runs on Wednesdays, 12–1 p.m. from Feb. 10–Apr. 28..

Registration is required, but is free and open to the public. All seminars will be recorded and available online after the presentation date. <u>Registration Link</u>

Title: Investigating Social determinates of Health and Social Equity Among a Homeless Population; a United States-Veteran Microbiome Project (online)

**About the seminar:** In 2019, over half a million people in the United States did not have a place to call home. Research suggests that homeless individuals have higher rates of diet deficiencies, physical and mental health disorders (e.g., infectious diseases, depression), and inadequate health care when compared to those who are stably housed. From a social equity perspective, risk for homelessness is impacted by a range of social determinants including socioeconomic status and race/ethnicity. Here we present the results 16S rRNA and metagenomics analysis from a US Military Veterans who are currently or were previously homeless. To the best of our knowledge, these preliminary results are the first known study of the microbiome among those with a history of homelessness and will likely contribute to a

better understanding of interactions among social determinates of health, social equity, the human microbiome, and human health.





# Alumni Panel on Career Impact of UMaine Education and Experiences: Session 1

April 14 @ 1:00 pm - 2:00 pm



Join us for one of two alumni panels during Maine Impact Week. UMaine alumni will be speaking about how their UMaine education and experiences in research centers enhanced their careers. They will discuss their current positions and how research opportunities at UMaine's Climate Change Institute, the Center for Research in STEM Education, and the Advanced Structures and Composites Center helped them achieve their goals. Attendees will be given the opportunity to ask questions of the panelists about their achievements and research experiences.

Registration is required.

#### Wednesday, April 14th, 1-2 pm

Panelists:

Dulcinea Groff, Postdoctoral Research Associate, University of Wyoming (PhD EES 2018) Evan Chase, Middle School Teacher, Kennebunk (BS Physics 2011, MS Teaching 2013) Robert Lindyberg, Chief Executive Officer, Global Secure Shipping (MS/PhD Civil Eng 1997/2000)

Moderator:

Dr. Jacquelyn Gill, Associate Professor of Terrestrial Paleoecology

+ GOOGLE CALENDAR + ICAL EXPORT

Details Date: April 14 Time: 1:00 pm - 2:00 pm



# VEMI Lab Autonomous Vehicle Roundtable

April 14 @ 7:00 pm - 8:00 pm



The VEMI Lab is hosting an autonomous vehicle roundtable discussion with a YouTube Live Q&A session. Special guests from the Maine DOT, and the Maine based Independent Transportation Network of America will join Dr. Nicholas Giudice and Dr. Richard Corey to discuss VEMIs research into autonomous vehicle accessibility in Maine and around the world.

Attendees will have the chance to ask questions and interact with the panel after the discussion to learn more about current research and the future of autonomous vehicle technology.

Link to the YouTube live presentation: https://youtu.be/ EC rZ1sBho

Those interested in watching or participating in the round table and Q&A simply need to follow the link and sign in to their YouTube account to ask questions.

**Special Guests:** 

Katherine Freund Founder and President ITN America

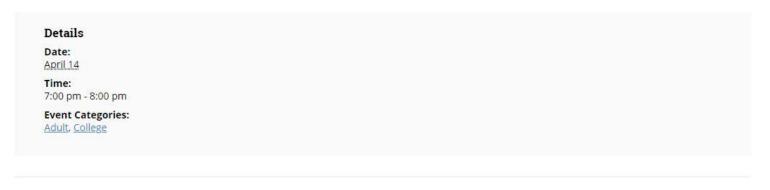
#### Jonathan Rubin

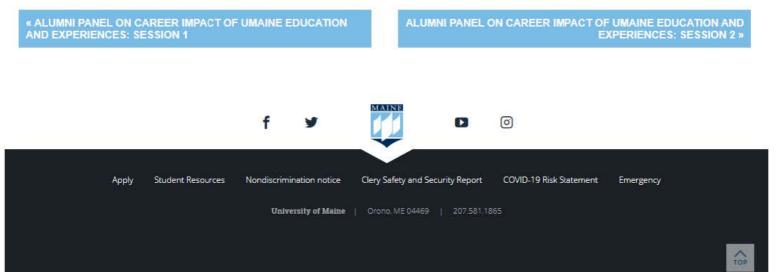
Director Margaret Chase Smith Policy Center

#### **Dale Peabody**

Transportation Research Engineer Maine Department of Transportation









# Alumni Panel on Career Impact of UMaine Education and Experiences: Session 2

April 15 @ 11:00 am - 12:00 pm



Join us for one of two alumni panels during Maine Impact Week. UMaine alumni will be speaking about how their UMaine education and experiences in research centers enhanced their careers. They will discuss their current positions and how research opportunities at UMaine's Center For Undergraduate Research, the Center for Research in STEM Education, and the Center for Community Inclusion and Disability Studies helped them achieve their goals. Attendees will be given the opportunity to ask questions of the panelists about their achievements and research experiences.

Registration is required.

#### Wednesday, April 15th, 11-Noon

#### Panelists:

Anna-Maria Dagher, Contact Tracer, Maine CDC (BS Biochemistry 2019) Allison Dorko, Professor of Math, Oklahoma State University (BS Kinesiology 2019, MS Teaching 2012) Cynthia Thielen, Administrative Specialist, Center for Community Inclusion and Disability Studies (BA Journalism 2017) Robert Kitchin, Director of Instructional Services, University of Maine at Augusta (BA Social Work 1992, MSW 2007)

Moderator:

Hannah Allen, Engineer, Advanced Structures and Composites Center

+ GOOGLE CALENDAR + ICAL EXPORT

Details

Date: April 15

Time: 11:00 am - 12:00 pm



# What is UMaine MARINE?

April 15 @ 3:00 pm - 4:00 pm



Participate in this virtual event to find out about the UMaine MARINE Initiative and learn about current projects.

The event will include live feeds from projects around the state and a panel of professionals to answer your questions about UMaine MARINE.

Registration is required.

+ GOOGLE CALENDAR

+ ICAL EXPORT

Details

Date: April 15

Time: 3:00 pm - 4:00 pm

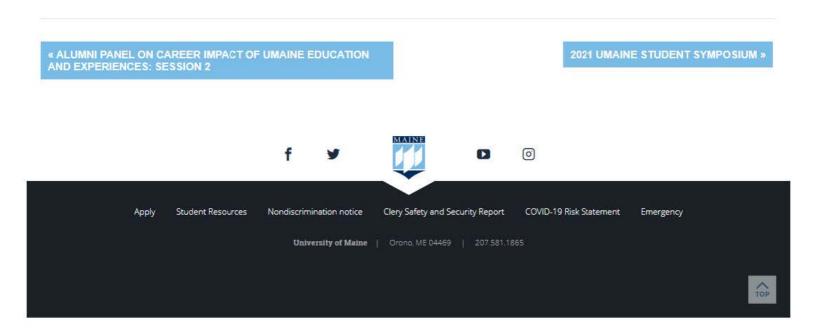
#### Venue

<u>Virtual Event</u> Online Programming <u>ME</u> United States

#### Organizer

Tammy Crosby Phone: (207) 581-618







### 2021 UMaine Student Symposium

April 16



At the University of Maine, students inspire creativity and leadership in the discovery of new knowledge that makes a direct difference to the people of Maine.

Engage with UMaine students as they present their research and creative work at the 2021 UMaine Student Symposium (UMSS21). **Projects** will be showcased virtually as posters, exhibits, oral presentations, and more.

Interested in participating? Visit the <u>UMSS website</u> for more information. Learn how UMaine research and creativity impacts you at this annual event, to be held on Friday, April 16th, 2021.

UMSS is free and open to the public. Register now!

+ GOOGLE CALENDAR + ICAL EXPORT

#### Details

Date: April 16

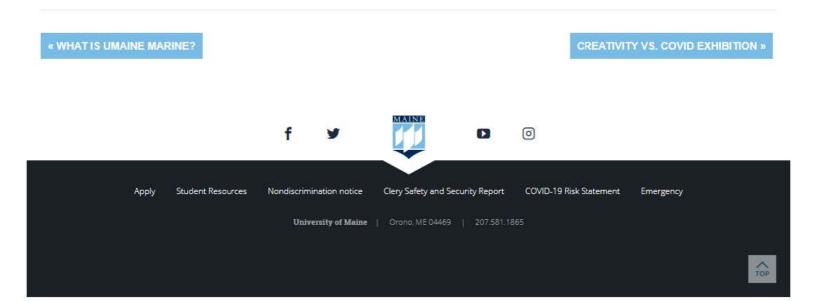
Event Category: Friday

Website: https://umaine.edu/umss/

#### **Related Events**



Creativity vs. COVID Exhibition April 16 UMSS21 Keynote Speaker: Dr. Nirav Shah April 16 @ 11:30 am - 12:00 pm



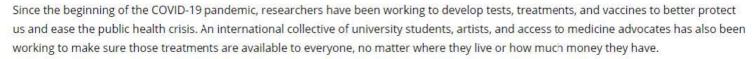


## Creativity vs. COVID Exhibition

April 16



# MFA EXHIBITION: CREATIVITY VS. COVID



University of Maine will be the first university to host an international physical art exhibit called <u>Creativity vs COVID: Ending the Pandemic for</u> <u>Good</u>. This exhibit began online on Feb. 1 and provides access to information on the COVID vaccine as well as information about where the physical exhibit will take place. The virtual exhibit will run from February through April.

Beginning on March 1, physical art pieces from all over the US, as well as other countries including Great Britain, France and Germany, will be housed at the IMRC at the University of Maine. This exhibit will be open to the public for viewing. These pieces will leave on April 16, where it will then be housed at other institutions.

This exhibit shares creative work from the Free the Vaccine for Covid-19 collective, from handmade gifts to parody music videos. It introduces audiences to key issues that limit access to medicine and provides robust methods anyone can use to advocate for change from anywhere, especially at this time of social distancing.

The artwork is on display at the <u>IMRC</u> from February 1st through April 16th.

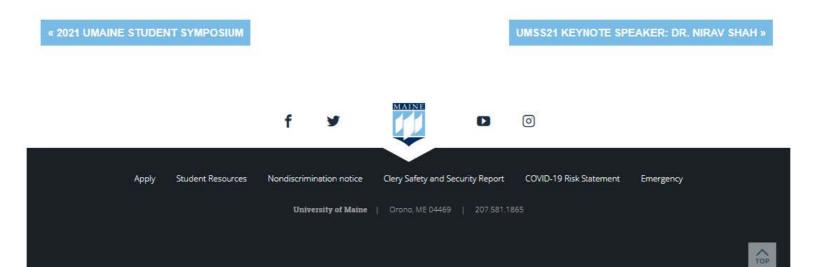


#### **Related Events**



2021 UMaine Student Symposium April 16

UMSS21 Keynote Speaker: Dr. Nirav Shah April 16 @ 11:30 am - 12:00 pm





# UMSS21 Keynote Speaker: Dr. Nirav Shah

April 16 @ 11:30 am - 12:00 pm



# KEYNOTE SPEAKER UMSS21: DR. NIRAV SHAH, M.D., J.D.

Director of the Maine Center for Disease Control and Prevention

On Friday, April 16, Dr. Nirav Shah, M.D., J.D, the Director of the Maine Center for Disease Control and Prevention will be the keynote speaker at the UMaine Student Symposium 2021.

Shah began working as the Director of the Maine CDC in 2019. He provides expertise, information and guidance to ensure that Maine people can be healthy. Prior to his work in Maine, Shah was the director of the Illinois Department of Public Health. He received his M.D. and J.D. at the University of Chicago.

This event will be held on Friday, April 16, 2021, from 11:30 a.m. to 12 p.m. on Zoom.

Guests must register to attend prior to the event. To register, click here.

+ GOOGLE CALENDAR + ICAL EXPORT

#### Date: April 16

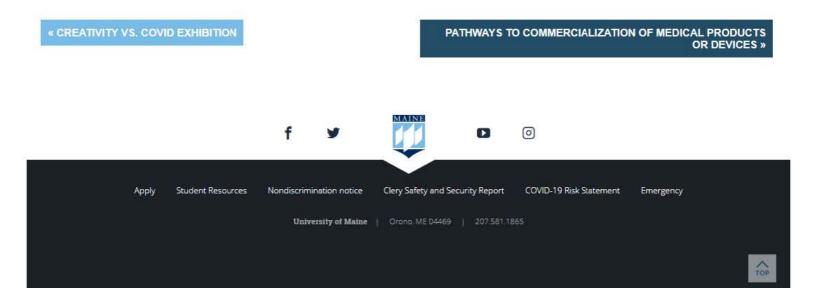
Time: 11:30 am - 12:00 pm

Event Category: Friday

#### **Related Events**



2021 UMaine Student Symposium April 16 Creativity vs. COVID Exhibition April 16





## Pathways to commercialization of medical products or devices

April 16 @ 3:30 pm - 4:30 pm



# PATHWAYS TO COMMERCIALIZATION OF MEDICAL PRODUCTS OR DEVICES SPEAKER: MICHAEL MASON, PH.D.

Professor, Department of Chemical and Biomedical Engineering

Biomedical scientists and engineers are often driven to see their research result in measurable health outcomes. Despite this motivation, fewer than 30% of health related innovations (or associated IP) are ever implemented. Studies show that the adoption of new healthcare related technologies is substantially more successful when researchers and inventors are directly engaged throughout the commercialization process. At the same time, most of us have little or no idea how to navigate the commercialization process, or its connection to applied research. In this mostly non-technical presentation I will chronicle my own attempts at the development and commercialization of various devices, materials, and nanotechnologies. We will also reflect on how evolving critical care needs and a collapsing regional and national supply chain, especially in the first months of the pandemic, drove the formation of efficient public-private collaborations. While UMaine has a long history of collaborating with external partners through its research centers, new initiatives to support faculty innovation present opportunities for collaboration. Engagement in these activities has the potential to significantly increase research impact and catalyze medical innovation.

**Speaker:** Michael Mason, Ph.D. Professor, Department of Chemical and Biomedical Engineering, University of Maine. Dr. Mason is a Professor in the Department of Chemical and Biomedical Engineering and the Associate Director of the Graduate School of Biomedical Science and Engineering.

Events are free but registration is required. Please use this link to register.

