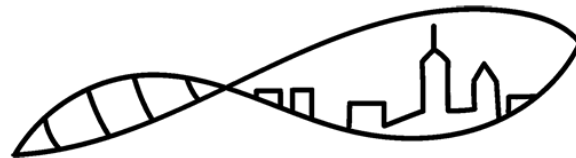


REMNET



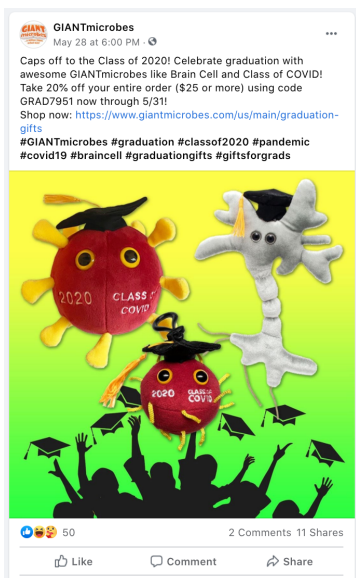
RESEARCH EXPERIENCES IN MICROBIOMES NETWORK NEWSLETTER

MAY, 2020, ISSUE 3

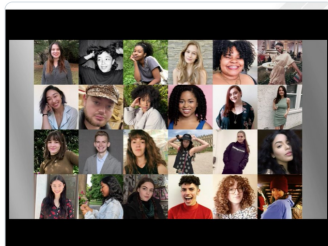
GREETINGS REMNET COMMUNITY

Congratulations to you or your loved ones, and students who have graduated! For most of us this was an unusual event, online without the hugs and celebratory photos. But we shared our work and research, celebrated awards and each other and made the best of it.

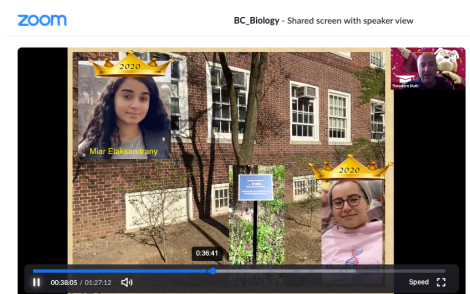
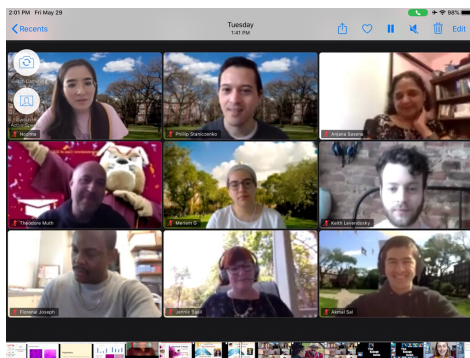
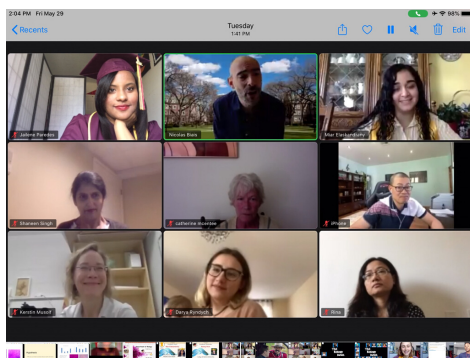
Here's to being back in person for graduation in Spring 2021!!!



Graduation!! Caught a glimpse of Molly and Kendra :)
@TheNewSchool @EugeneLang @SENCERnet
#NewSchoolGrad #LangGrad
#InterdisciplinaryScience



11:16 AM · May 15, 2020 · Twitter Web App



UPCOMING EVENTS:

ASMCUE: 7/9/20-7/12/20

IS GOING ONLINE!

REGISTRATION ENDS 7/1/20

BIOQUEST: 7/27/20-8/7/20

WILL BE HELD AS AN ONLINE
WORKSHOP

REGISTRATION OPEN NOW

SABER: 7/10/20; 7/17/20; 7/24/20; 7/31/20

ONLINE WEBINARS WILL BE HELD IN
FOUR SESSIONS

REGISTRATION OPEN NOW (FREE)

SENCER SSI: 7/30/20-8/2/20

WILL BE HELD AS AN ONLINE MEETING
PROPOSAL DEADLINE 6/15/20

ESA MID-ATLANTIC:

POSTPONED UNTIL 10/16/20-10/18/20

REGISTRATION ENDS 9/25/20

AAAS is seeking proposals for
"UNDERSTANDING DYNAMIC
ECOSYSTEMS"

Proposal deadline 7/14/20



WHAT'S BEEN HAPPENING



Veronica Segarra, co-chair of the Wet-Bench working group

THANKS VERONICA!



Philips Akinwale, co-chair of the Wet-Bench working group

THANKS PHILIPS!



Mary Shawgo, co-chair of the Access working group

THANKS MARY!



We need another co-chair for the access working group

IT COULD BE YOU!!!!



Sarah Rosario, co-chair of the Dissemination working group

THANKS SARAH!



Mangala Tawde, co-chair of the Dissemination working group

THANKS MANGALA!



We need co-chairs for the data analysis working group

IT COULD BE YOU!!!!



We need co-chairs for the data analysis working group

IT COULD BE YOU!!!!

WORKING GROUPS

We've identified some of our working group co-chairs. Thanks for stepping up folks!

Veronica Segarra and Philips Akinwale have agreed to be co-chairs of the Wet-Bench Working group. They'll be joined by Mangala Tawde and Sarah Rosario as co-chairs of the Dissemination working group. Mary Shawgo has volunteered to co-chair the Access working group.

If you've not signed up to be in a working group and would like to get involved please email us at ugmicronet@gmail.com

OPPORTUNITIES

COVID related Grant Opportunities

A variety of opportunities available here for funding PPE to education research <https://hub.jhu.edu/novel-coronavirus-information/research-preparedness/research-preparedness-covid-19-funding-opportunities/>

Call For Papers

Course Source has put out a call for innovative online teaching lessons.

"We know you are likely very busy, but if possible, taking time to publish your work in CourseSource will provide great benefits to the life science instructional community. Instructors all over the world will be able to learn from your innovative ideas. They can find your articles on the CourseSource website using metadata tags such as the course subject they are teaching (e.g., introductory biology, genetics) and selecting "on-line" under course type"

<https://www.coursesource.org/news/please-share-your-innovative-online-lessons>

Call For Papers

SENCER has put out a call for submissions to the Summer 2020 issue of Science Education and Civic Engagement: An International Journal - "Teaching Through COVID". We invite submissions of 1,000 words that describe your experiences with teaching through COVID. Possible topics include:

- Changes that you made to course content
- Adapting your teaching to online instruction
- Student reactions to learning science during a pandemic
- How your connection with SENCER has influenced your response to COVID
- The deadline for submission is June 15, 2020. Please send your submission to the journal's Managing Editor, Marcy Dubroff, marcy.dubroff@fandm.edu

SCQ / THE SCIENCE CREATIVE QUARTERLY

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05.15.2020 - ARCHIVE / JOURNAL CLUB

The Unicorn Microbiome: A proposed microbial mechanism for the rainbow pigments in unicorn poop.

by ANNE A. MADDEN, PH.D

The Unicorn Microbiome: A proposed microbial mechanism for the rainbow pigments in unicorn poop.

Anne A. Madden ^{1*}

microbiomes of unicorn nearest extant sister species: the horse and narwhal. For those bacterial phyla which were shared by horses and narwhals, and thus likely part of the core unicorn microbiome, we selected representative cultivated species to establish pigment production capability. To elucidate what pigments were predictably in unicorn feces we used a greedy search algorithm scanning a library of unicorn feces images uploaded by citizen scientists (aka: Google Image Search). We then compared pigments produced by these representative microbes to those pigments found in unicorn feces. Our model predicted the unicorn microbiome to consist of Actinobacteria, Bacteroides, Firmicutes, Proteobacteria, and a subset of additional taxa. Representative strains from these major phyla (e.g. *Serratia marcescens*, *Methylobacteria* sp., *Rhodococcus hoagii*,

CONSIDERING BECOMING A CONTACT TRACER?

HUB

Johns Hopkins launches online course to train army of contact tracers to slow spread of COVID-19

The free course, developed with Bloomberg Philanthropies, is available via Coursera to anyone in the world beginning May 11

Katie Pearce / © May 11

A new Coursera class developed by the Johns Hopkins Bloomberg School of Public Health is now available to train contact tracers on the principles of the public health strategy many consider critical for slowing the spread of COVID-19.

The free six-hour course is open to anyone, but taking and passing it will be a requirement for thousands of contact tracers being hired by the state of New York to fight the pandemic. Within hours of its release Monday, more than 400 people had already registered for the class, according to Joshua Sharfstein, a vice dean at the Bloomberg School.

Different cities, counties, states, and countries have different plans and processes for hiring contact tracers. Please consult your public health department to learn about its requirements. For example, information for New York State can be found here: <https://coronavirus.health.ny.gov/GetInvolved>. Note that the New York State Contact Tracing Initiative wants people to apply for a position first before taking the course.

Browse > Health > Public Health

Free

COVID-19 Contact Tracing

★★★★★ 4.9 14,650 ratings



Emily Gurley, PhD, MPH TOP INSTRUCTOR

Enroll for Free
Starts May 31

296,159 already enrolled

Offered By



This material is based upon work supported by the National Science Foundation under grant no. 1827035