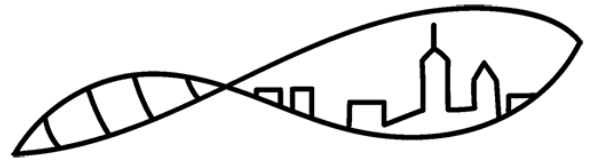


REMNET



RESEARCH EXPERIENCES IN MICROBIOMES NETWORK
NEWSLETTER

JULY, 2020, ISSUE 5

GREETINGS REMNET COMMUNITY



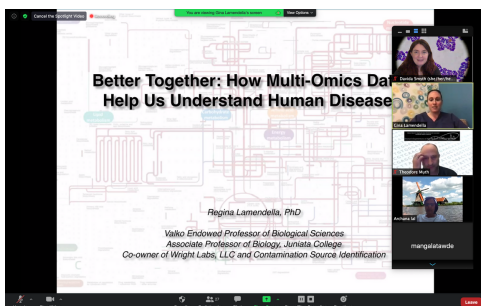
CULTIVATING SCIENTIFIC CURIOSITY
BIOME INSTITUTE 2020
BIOQUEST QUBES

REMNet is taking part in BIOME2020

Last week and this week REMNet is participating in BioQuest/QUBES online meeting called BIOME2020. It's celebrating undergraduate research experiences and REMNet is a perfect partner. We hosted a workshop last Friday and we'll be delivering a poster this week. We were popular and they've even scheduled a second workshop for the participants later in August.

There were many other interesting sessions at BIOME and we're likely to make some new friends. We'll keep you posted!

REMNET GOES ONLINE!



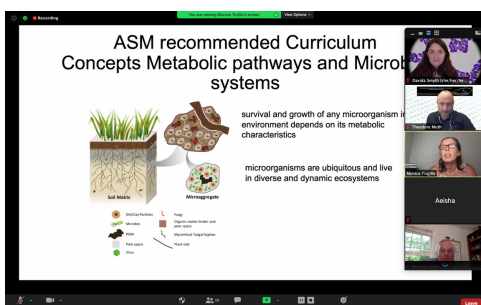
On July 7th REMNet held its first online workshop session. Attended by 31 participants and with representation from five countries, we went global for the first time.

We featured four guest speakers included two of Dr. Muth's former students, Jordan Kerwin and Cassandra Saint Louis who spoke about their research experiences and what they learned from it. In addition we welcomed Dr. Monica Trujillo of Queensborough Community College who spoke about her work investigating "Undergraduate Research in the Classroom: Study of the Restoration of Newtown Creek" and Dr. Gina Lamendella from Juniata College with a talk entitled "Better Together: How Multi-Omics Data Help Us Understand Human Diseases"



We're going to start a new feature in our upcoming newsletters to feature some of the amazing work of our new and not so new network members. We already identified some synergies and needs among the network and this will help us build more bridges. If you have news please email us ugmicronet@gmail.com

Expect to hear from us looking for stories!!



UPCOMING EVENTS:

MACUB: TBD in October

VINCENT RANCANIELLO WILL BE THE GUEST SPEAKER!

ESA MID-ATLANTIC:

POSTPONED UNTIL 10/16/20-10/18/20
REGISTRATION ENDS 9/25/20

SACNAS: 10/19/20-10/24/20

ONLINE

REGISTRATION OPEN NOW

ASM: 10/23/20-10/26/20

CONFERENCE ON NEXT GENERATION SEQUENCING

LAST CHANCE REGISTRATION BY OCT 26TH

AACU: 11/5/20-11/7/20

TRANSFORMING STEM HIGHER EDUCATION

APPLICATIONS DUE AUG 15TH FOR PRE-CONFERENCE WORKSHOP

ABRCMS: 11/9/20-11/13/20

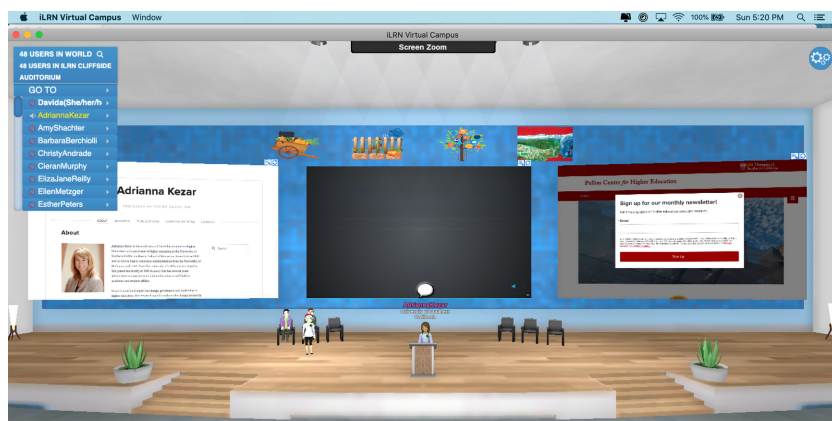
ONLINE

REGISTRATIONS OPENS 9/8/20



REMNet is supported by NSF RCN-UBE grant # 1827035

THE FUTURE OF CONFERENCES?



The SENCER Summer Institute was to be held this year in Santa Clara University. Instead it was held online in a virtual world. Designed by VirBELA and supported by the Immersive Learning Research Network, the institute took place in an online campus complete with a beach, conference rooms, halls, soccer pitches and even a virtual poster session! It remains to be seen if participants enjoyed it as much as the face to face conference but fun was had with avatars and driving the speedboat!



OPPORTUNITIES

Call for Papers

The Journal of Microbiology & Biology Education (JMBE) has announced a Call for Manuscripts for a special issue focused on "Teaching in a Time of Crisis." We invite manuscripts that offer perspectives, reviews, tools and curricular supports, and research findings collected during the COVID-19 crisis that provide insights into teaching during this period. Learn more about the submission requirements at <http://jmbesubmissions.asm.org/index.php/jmbe/about/submissions>. To be considered for the issue, manuscripts must be submitted by October 1, 2020.

Check out the NYAS Microbiome Discussion Group

<https://www.nyas.org/programs/frontiers-of-science/microbiome-science-discussion-group/>

CONGRATS!

At this year's SENCER Summer Institute, Davida Smyth was appointed Deputy Director of the National Center for Science and Civic Engagement (NCSCCE). She will help with faculty development and support the research activities of the center. The signature program of NCSCCE is SENCER which stands for Science Education for New Civic Engagements and Responsibilities.



CURES IN THE TIME OF COVID



Newly isolated bacteria grown on agar plates or their products could act as "psychobiotics." KEN RICHARDSON

Meet the 'psychobiome': the gut bacteria that may alter how you think, feel, and act

By Elizabeth Pennisi | May. 7, 2020, 9:00 AM



July 21, 2020 10:35am EDT

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Microbes are the truly dominant group of lifeforms. These invisible pieces of biogenic matter have been running Earth's affairs for billions of years. Plants and animals popped up as the by-products of microbial mergers relatively recently in our planet's history.

Understanding microbes is not easy. It took us some time to learn about the existence of the human microbiome, the collection of viruses, bacteria and fungi inside and outside our bodies that connects us to the rest of the microbial cloud that exists everywhere life can survive.

We are now learning that there is even a microbiome high in the sky. These are microbes that are swept into and then reside in the lower parts of the atmosphere. This includes the mid and upper troposphere at altitudes of between 8km and 12km above the ground, and the lower stratosphere at altitudes of up to 15km.

