STEAM 2022

*Exploring the Intersections of Global Humanities and STEM through **Wellbeing for All***

Friday, March 4, 2022, 2:00 – 4:00pm via Zoom

Global Humanities Institute
MONTGOMERY COLLEGE

AGENDA

- **2:00-2:15 — Welcome and Opening Remarks**

Cinder Barnes, Director, Global Humanities Institute

Margaret Latimer, Vice President and Provost, Germantown Campus

- **2:15-3:15 — Break-out Rooms with Table Topics**
- **3:15-3:30 — Group Report-Outs**
- **3:30-3:45 - Giveaways**
- **3:45-4:00 — Closing Remarks**

Dr. Sanjay Rai, Senior Vice President for Academic Affairs

Cinder Cooper Barnes

Margaret Latimer

Sanjay Rai

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Break-out Rooms

Break-out Rooms with Table Topics

- Please switch to "Gallery View"
- You will be able to choose your breakout room
- Slides listing the breakout room topics and table leaders will be shown shortly
- You may need help getting into your chosen room depending on your Zoom updates
- Here's what you may see when it's time to go to your breakout room:

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Breakout Room Instruction

(2) Hover over this area of breakout room you want to join and click here to select.

(1) Click on breakout room icon and breakout pop-up window will appear.

Help with Breakout Rooms

If you discover that you are unable to move yourself to a breakout room, please put the number of the room you want into the chat.
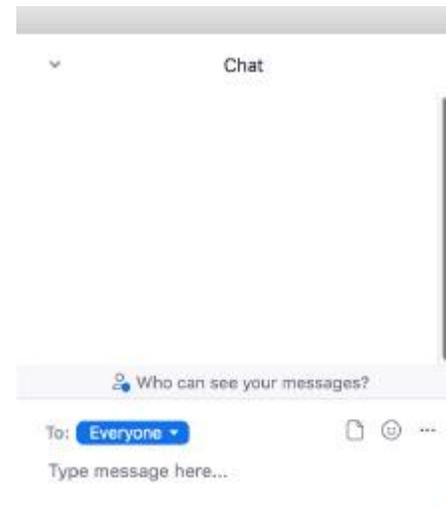
Breakout Room 1

Breakout Room 2

Breakout Room 3

Breakout Room 4

Breakout Room 5

Breakout Room 6

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What will happen in the breakout rooms?

- One hour long

- Presentation by a team of table leaders

- Discussion by everyone in the breakout room

- Highlights/best ideas captured at the end; top two or three to be shared in the chat

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What will happen when we return from the breakout rooms?

- One person from each group will write top two or three highlights in the chat
- Others are welcome to ask questions or share comments as time allows
- Door prize giveaways
- Participants will complete a feedback form

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6 Tables

(Break-out Rooms to choose from)

Table 1: **Finding Order in a Chaotic World**

Steve Wheatley (Mathematics) and David Carter (Art)

Table 2: **Our Wicked Ways: When Looking Out for Ourselves is Bad for Everybody Including Ourselves**

Arthur Grinath (Economics) and Diane K. McDaniel (Geology)

Table 3: **Mindfulness and the Brain**

Stepanie Will (Student Health and Wellness [SHAW] Center)

Richard Cerkovnik (Interdiciplinary Science, Technology, Engineering and Math [iSTEM] Network)
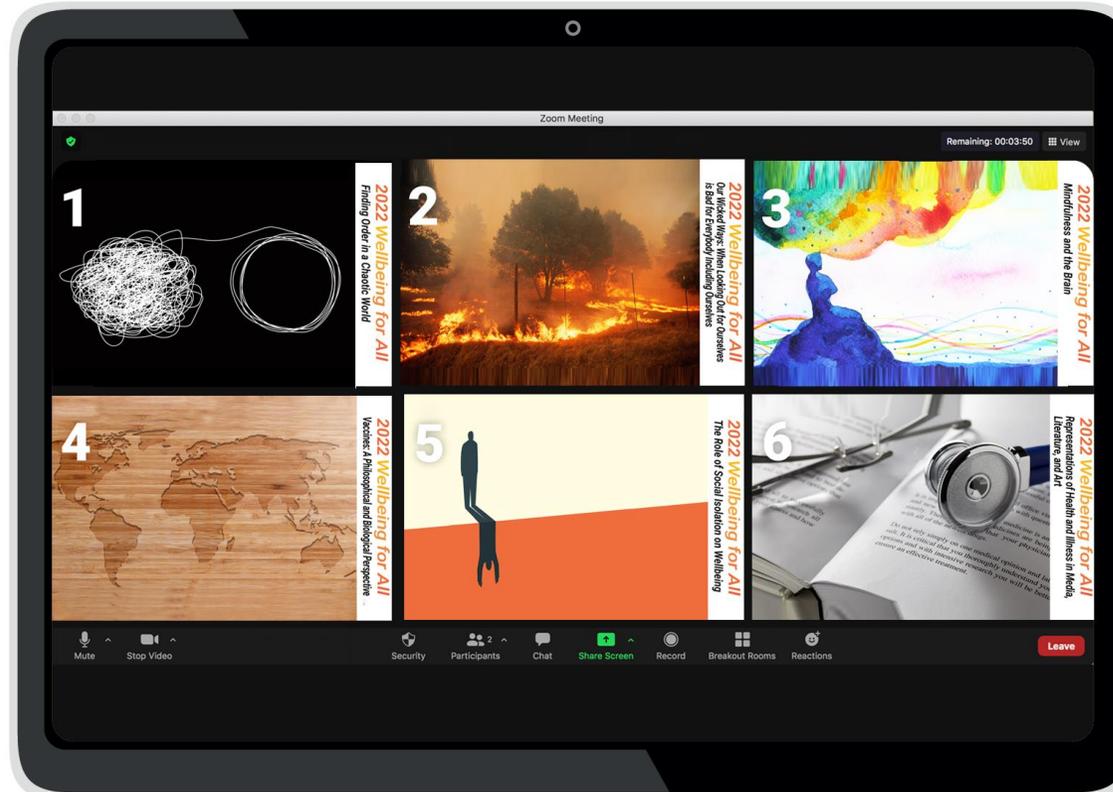
Sharon Kauffman, (iSTEM Network)

Table 4: **Vaccines: A Philosophical and Biological Perspective**

Dan Jenkins (Philosophy) and Meg Birney (Biology)

Table 5: **The Role of Social Isolation on Wellbeing**

Rachel Sullivan (Sociology) and Anestine Theophile-LaFond (Communications)

Table 6: **Representations of Health and Illness in Media, Literature, and Art**

Rita Kranidis (English), Craig Benson (Chemistry), and Robin Meyer (Art)

Table 1 | Finding Order in a Chaotic World

It seems as though the pandemic has thrust almost all of our lives into a state of near-perpetual chaos, and now we are seeking to return to our lives some of the order they used to possess. But, are order and chaos really incompatible notions, or can even chaotic behavior have surprising order built into it? In this breakout room, we will discuss chaos in mathematics, in nature, and in life, using the book "Nature's Chaos" by J. Gleick and E. Porter as a guide.

Table 2

Our Wicked Ways: When Looking Out for Ourselves is Bad for Everybody Including Ourselves

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Society faces a wide variety of so-called "wicked problems". Complex, high stakes problems, like diseases, natural disasters and pollution resist typical responses. Market economies depend upon individuals to do what is best for themselves, but most wicked problems cannot be solved this way. Why not? How do we craft communal/government responses to make everyone better off, especially those most at risk?

Table 3

Mindfulness and the Brain

We know that prolonged stress can have a negative impact on our physical and mental health. Mindfulness has emerged as an evidence-based technique that produces many benefits. In this session, explore how this practice, that can be done in short periods of time, can have a powerful impact on the brain, from reducing stress to improving attention.

Table 5

The Effects of Social Isolation on Wellbeing

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Social isolation has many causes and consequences; learning to address it can have a strong positive impact on wellbeing. In this session, participants will identify the triggers of social isolation, learn coping strategies, and reflect on what they can do to enhance interpersonal connections by using existing social structures more effectively.

Table 6

Representations of Health and Illness in Media, Literature, and Art

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Prior to the most contemporary works, nuanced portrayals of illness and disability in art and literature are the exception; instead the arts have reflected society's long history of stigmatizing or glorifying people with illness and disability.

STEAMed Planet 2022: Exploring the Intersections of Global Humanities and STEM through Wellbeing for All

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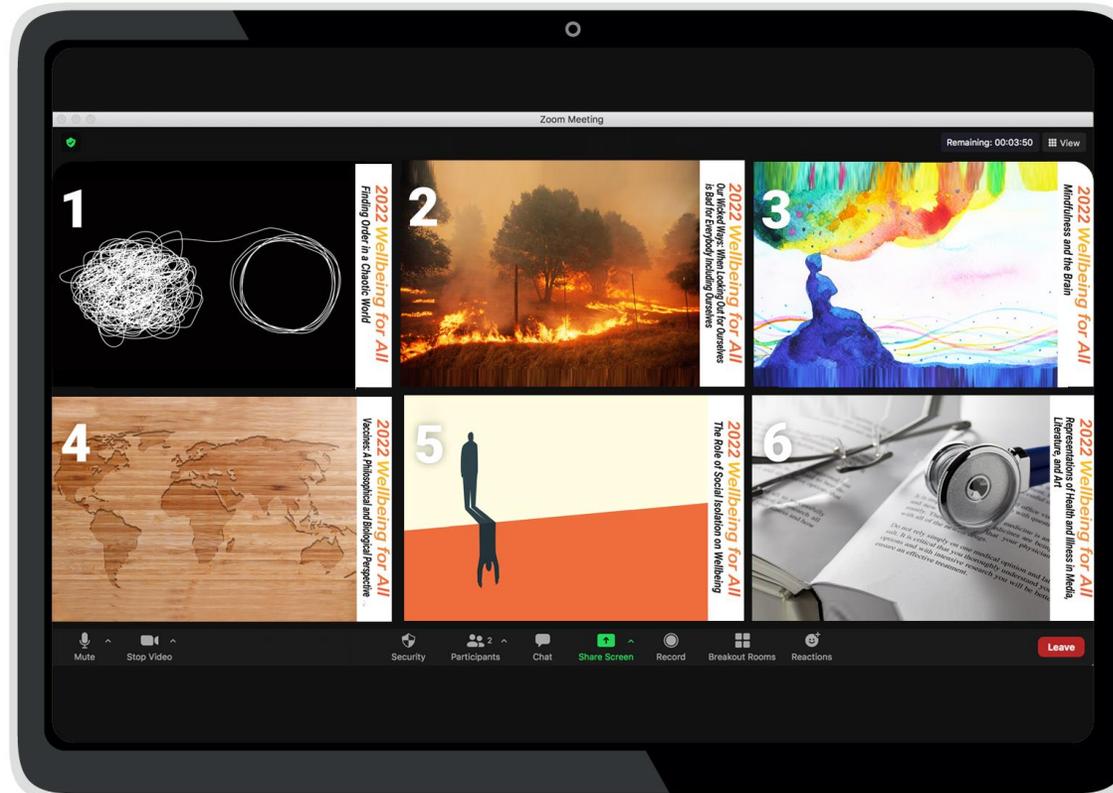
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Recordings & Feedback

Table #1: Finding Order in a Chaotic World
Steve Wheatley (Mathematics) and David Carter (Art)

Table #2: Our Wicked Ways: When Looking Out for Ourselves is Bad for Everybody Including Ourselves
Diane McDaniel (Geology and Physical Sciences) and Arthur Grinath (Economics)

Table #3: Mindfulness and the Brain
Stephanie Will (Student Health and Wellness [SHaW] Center), Richard Cerkovnik, (Interdisciplinary Science, Technology, Engineering and Math [iSTEM] Network), and Sharon Kauffman (iSTEM Network)

Table #4: Inequities in Global Vaccine Distribution
Dan Jenkins (Philosophy) and Meg Birney (Biology)

Table #5: The Role of Social Isolation on Wellbeing
Rachel Sullivan (Sociology) and Anestine Theophile-LaFond (Communications)

Table #6: Representations of Health and Illness in Media, Literature, and Art
Rita Kranidis (English), Craig Benson (Chemistry), and Robin Meyer (Art)

Presentations and Recordings

All the presentations and recordings will be available following the event on this website:

https://www.montgomerycollege.edu/special-programs/global-humanities-institute/steam-2022.html

An email will be sent to all participants when the materials are uploaded to that site.

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STEAM 2022 Feedback Form

https://forms.office.com/r/1qrwpA5FFX

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Thank you!

- To our excellent table leaders
- To our ever-supportive administrators
- To our amazing STEAM Planning Team
- To each of you for your engagement and participation
- See you next year for STEAM 2023!

Please complete the feedback form in the chat.

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