

Inclusive SciComm Symposium 2021 (ISCS21) Agenda

All times are listed in Eastern Daylight Time (EDT)

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October 8, 2021: Pre-Conference

12:00-1:00 p.m. - Session 1

Disability Accessibility in Science Communication - Barriers and Opportunities
 Presenters: Linda Corcoran, Syreeta Nolan, Amanda Klingler, Alyssa Paparella

1:00-1:15 p.m. - Break

1:15-3:15 p.m. - Session 2

Co-creating a Framework to Embed the Key Traits of Inclusive SciComm in Science
 Communication Training, Practice, and Evaluation
 Presenters: Marissa Weiss, Karlisa Callwood, Rose Hendricks, Temis Taylor

3:15-3:30 p.m. - Break

3:30-5:00 p.m. - Session 3

Exploring Inclusive SciComm Strategies for the Classroom
 Presenters: Louisa Braden Johnson, Radha Ganesan

October 14, 2021

11:00 a.m. -12:00 p.m. - ISCS Chat Rooms

Visit one of the pre-organized chat rooms to discuss anything related to the three ISCS21 themes:

1. Decolonizing science communication
2. Dismantling oppressive/exclusionary institutional structures
3. Building a supportive and collaborative InclusiveSciComm community

12:00-12:45 p.m. - Concurrent Session 1 (Select one)

1. 5 Grad Students Walk Into a Bar (15 person limit)
Presenters: Charu Mehta, CM Manasavi
2. No More Roll Call! Identifying and Dismantling Traditional Uses of Our Names -- in Science and Beyond (25 person limit)
Presenter: Diane Dechief
3. Glows and Grows of the DiverSci Collective
Presenters: Vanessa Mignan Jenkins, Barbara Streicher, Antonia Caola, Cristina Veiga-Pires, Amparo Leyman Pino, Sanne den Adel, Abi Ashton, Ana Ramos, Alexia Sonnois, Colleen M. Schmitz

12:45-1:00 p.m. - Break

1:15-2:15 p.m. - Keynote Lecture

Title: Research, communication, and land relations

Presenter: Dr. Max Liboiron

Bio: Dr. Max Liboiron (Michif, they/she) develops and promotes anticolonial research methods in a wide array of disciplines and spaces. As founder of CLEAR, an interdisciplinary plastic pollution laboratory whose methods foreground humility and good land relations, Liboiron has influenced national policy on both plastics and Indigenous research, invented technologies and protocols for community monitoring of plastics, and is the author of *Pollution is Colonialism* (Duke University Press, 2021). Dr. Liboiron is an Associate Professor in Geography and is formerly the Associate Vice-President (Indigenous Research) at Memorial University.

Abstract: All research methods can align with or against colonialism, as all research methods have land relations. Even when researchers and communicators are working toward benevolent goals such as environmentalism, conducting environmental science, communication, and activism can reproduce colonial worldviews and land relations. Dr. Max Liboiron will draw on

their new book, *Pollution is Colonialism*, including discussing some of the strategies used by their anticolonial scientific laboratory, [CLEAR](#), to put good land relations at the forefront of research and laboratory culture. In CLEAR and in many other places, anticolonial science is not only possible, it is currently being practiced in ways that enact more ethical modes of being in the world.

2:15-2:30 p.m. - Break

2:30-3:45 p.m. - Concurrent Session 2 (Select one)

1. Collaboration For Action: Exploring Community Science
Presenters: Melissa Ballard, Irmari's Rivera-Llavona, Kathryn Semmens, Devin Jefferson, Laura Bartock
2. Towards an Inclusive History of Science Communication
Presenters: Siddharth Kankaria, Paige Jarreau, Argha Manna, Elizabeth Rasekoala, Amelia Bonea
3. Impacts of the Use of Colonial Languages in Latin American Science Communication (Impacto de las Lenguas Coloniales en la Divulgación Científica en Latinoamericana)
Presenters: Juan Camilo Ríos-Orjuela, Thiago S Goncalves, Kevin M. Alicea-Torres, Guriwun Torres-Zalabata, Zoila Mora Guzmán
4. ISCS Roundtable: ISC in Formal Education (See related on-demand videos)
Presenters: Nicole Kelp, Heather Miceli, Emily Polk, Sibyl Diver, Abigail Rhinehart, Stephanie Fine Sasse, Katie Mattaini. Moderated by Nicole Kelp.

3:45-4:00 p.m. - Break

4:00-5:00 p.m. - Concurrent Session 3 (Select one)

1. Learning from Science Communication with Puppets
Presenters: Jennings Mergenthal
2. Communicating Hidden Histories to Increase Understandings of Colonialism and Racism in Science: Storytelling Through Metaphors, Analogies, and Media
Presenters: Elise Mason, Valerie Sloan, Kendall Moore, Aradhna Tripathi, Grace Nosek, Jessica Hernandez
3. Intersectional Communication: Inclusive SciComm in Action
Presenters: Crystal Lee-Thao, Rose Lam, Nawal Maxamed, Carlise Sorenson
4. Personal Storytelling as a Practice of Inclusivity and Accessibility
Presenters: Erin Barker, Lydia Lily Be Lucio, Johana Goyes Vallejos, Edith Gonzalez, Eric Jankowski

5. ISCS Roundtable: Building a Sense of Belonging in STEM (See related on-demand videos)
Presenters: Christopher Conner, Christian Humm, Gabriela Reznik, Carolina Araujo Sousa, Jeanne Garbarino. Moderated by Jeanne Garbarino.

5:00-5:15 p.m. - Break

5:15-6:15 p.m. - Concurrent Session 4 (Select one)

1. Advancing the Decolonisation Agenda in Science Communication and Museums: Moving Beyond Objects to the Decolonisation of Practices and Perspectives
Presenters: Amparo Leyman Pino, Anna Schaefer, Gabriele Zipf, Elizabeth Rasekoala
2. Expanding Energy Efficiency in Spanish-Speaking Communities through Inclusive Science Communication
Presenters: Anabeth Avila Arenas, Peter Friederici, Ramon DC Alatorre, John Fegyveresi
3. Scientists as Civic Participants: Equity Through Local Engagement
Presenters: Nanxi Xu, Christopher Jackson
4. Conversation as Caring: Inquiry Approaches to Decentralize Power, Promote Critical Dialogue and Build up Belonging
Presenters: Saskia Madlener, Alex DeCiccio
5. ISCS Roundtable: ISC via Social Media (See related on-demand video)
Presenter and Moderator: Kaiping Chen

6:15 p.m. - Adjourn for the day

October 15, 2021

11:00 a.m. -12:00 p.m. - ISCS Chat Rooms

Visit one of the pre-organized chat rooms to discuss anything related to the three ISCS21 themes:

1. Decolonizing science communication
2. Dismantling oppressive/exclusionary institutional structures
3. Building a supportive and collaborative InclusiveSciComm community

12:00-1:30 p.m. - Concurrent Session 1 (Select one)

1. Inclusive Design of Learning Experiences
Presenters: Amparo Leyman Pino, Veronika Nunez, Géraldine Delaforge
2. How Do We Build International Communities around Inclusive Science Communication?
Presenters: Emily Dawson, Margaret Middleton, Ana María Ramírez, Luz Helena Oviedo, Carla Almeida, Luisa Massarani, Lewis Hou, Ivel Gontan, Vanessa Mignan Jenkins, Kylo Thomas, Anwasha Chakraborty
3. Principles and Practice of Creating Community Dialogues to Build Trust and Vaccine Confidence
Presenters: Johnathan Garlick, Raissa Li, Anton Shenk, Marguerite Fenwood Hughes, Melissa Barbosa, Jennifer Allen
4. How Do We Make Ocean Exploration More Accessible? Addressing Structural Challenges for Inclusive Science Communication and Public Engagement in Ocean Science and Engineering
Presenters: Heidi Cullen, Carlie Wiener, George I. Masumoto, Charles M. Kaaiai, Susan von Thun, Jyotika Virmani, Diva Amon, Chloe Brown, Corey Garza

1:30-1:45 p.m. - Break

1:45-2:45 p.m. - Concurrent Session 2 (Select one)

1. The Biota Project Presents, "VeggieTales: Mixed Media Communication for Diverse Audiences" A Virtual Museum Experience
Presenters: Daniela Zarate, Jessica E. Monterrosa Mena
2. Centering Justice, Diversity, Equity, and Inclusion in Science Policy
Presenters: Adriana Bankston, Emma C. Anderson, Ashley E. Orr, Dhanyasri Maddiboina
3. Avoiding Unintended Consequences of Well-intentioned Messages: Can Inclusive Scicomm Help Build Equitable Community-based Research Relationships?
Presenters: Michael Winikof, Clemen Wilcox
4. Conservation and Environmental Justice: Faith Community Perspectives on Science Communication and Engagement
Presenters: Robert Christopher O'Malley, Katharine Hinman, Ibrahim Abdul-Martin, Rev. Rodrick Konrad Burton, Sharon Grant
5. ISCS Roundtable: COVID-19 (See related on-demand videos)
Presenters: Mónica Feliú-Mójer, Clare Wilkinson, Whitney Stone. Moderated by Clare Wilkinson.

2:45-3:00 p.m. - Break

3:00-4:00 p.m. - Concurrent Session 3 (Select one)

1. Inclusive, Equitable and Cultural Approaches in Community Science A Community-led Participatory Action Research Project
Presenters: Marliú López-Fretts, Makeda Cheatom, Berenice Rodrigues, Bobby Wilson, Mateo Castelli, José González, Karen Purcell, Karen Kitchen, Yao Foli, Cecilia Alvarez, Juan Flores
2. Designing Awards to Reward Inclusive SciComm
Presenters: Rose Hendricks, Niveen AbiGhannam, Emily Howell, Timothy Eatman, Anthony Dudo
3. Talking About Hard Stuff: The Challenge of Putting Inclusive SciComm Training Philosophy into Practice
Presenters: Bethann Garramon Merkle, Virginia Schutte
4. ISCS Roundtable: ISC in Museums (See related on-demand videos)
Presenters: Jessica Noberto Rocha, Gabriela Sehnem Heck, Letícia Carvalho de Mattos Marinho, Marcelle Pita de Sousa do Carmo, Taáte Pereira Tomaz Silva, Willian Vieira de Abreu, Luisa Massarani, Taraneh Wilkinson. Moderated by Luisa Massarani.

3:00-5:00 p.m. - Break

Open Networking on spatial.chat: <https://spatial.chat/s/MetcalfInstitute>. Join us for informal networking on spatial.chat, a virtual space where people can gather in small groups to learn more about the Inclusive SciComm community. [Visit this link for more information about how to use spatial.chat](#). But don't be nervous: it's easy to use. You can choose to turn on your video or just join with audio. You can [move between rooms](#). Say one group decides to talk about community-based work--you can dedicate a whole room to that discussion, and then "[move around](#)" the room to talk with different people by dragging your avatar to a different position. You can even [search for other participants](#) if you're trying to connect with a particular person. Please note that there is a [chat](#) function in this platform, but there will not be any captioning available.

4:00-4:15 p.m. - Break

4:15-5:45 p.m. - Supporting the ISC Community

Joy & Healing as an Othered Person: Discussion, Practice, Brainstorming
Presenter: Emmanuel (Mani-Jade) Garcia

5:45 p.m. - Adjourn for the day

October 16, 2021

11:00 a.m. -12:00 p.m. - ISCS Chat Rooms

Visit one of the pre-organized chat rooms to discuss anything related to the three ISCS21 themes:

1. Decolonizing science communication
2. Dismantling oppressive/exclusionary institutional structures
3. Building a supportive and collaborative InclusiveSciComm community

12:00-1:00 p.m. - Concurrent Session 1 (Select one)

1. Identifying Institutional and Community Strategies and Barriers to Advancing Inclusive Academic STEM Culture Using Media
Presenters: Nahima Ahmed, Xochitl Garcia-Cohen, Ariel Zych, Diana Montano
2. The LiveSci Collective: An Emerging Extra-Institutionally Led Community of Practice Centering Member Voices
Presenters: Parmvir Bahia, Latasha Wright, Jeanne Garbarino, Scott Burg
3. SciEngage: A 'Pause and Evolve' Approach to Community Engagement
Presenters: Geoff Hunt, Daniel Aguirre, Manasi Apte, Julie Ann Fooshee, Stacey Baker

1:00-1:15 p.m. - Break

1:15-2:15 p.m. - Keynote Lecture

Title: How Inclusive Science Communication Builds and Keeps Public Trust

Presenter: Jessica Malaty Rivera

Bio: Jessica Malaty Rivera is an infectious disease epidemiologist and science communicator. She earned her MS in Emerging Infectious Diseases from Georgetown University School of Medicine and has dedicated the last 15 years of her career to disease surveillance research, public health policy, and vaccine advocacy. Her specialty is in translating complex scientific concepts into impactful, judgement-free, and accessible information for a diverse audience. She is currently the Science Communication Lead for [The COVID Tracking Project](#) at The Atlantic, a Research Fellow at Boston Children's Hospital Innovation & Digital Health Accelerator, an

Infection Preventionist for Netflix, and an expert contributor for NBC Bay Area and CNN. Jessica was recently named one of the World's 50 Greatest Leaders by Fortune Magazine for her work on COVID-19 research and data communication. Between her day jobs and being a full time mother to two little kids, she also dedicates several hours a week to promoting science literacy and debunking misinformation on social media.

Abstract: Trustworthiness is achieved when people develop supportive and equitable relationships, and this is especially critical in matters of health. Jessica Malaty Rivera argues that the responsibility for building trust of medical professionals among communities of color must shift to reduce the risk of isolating more people in cycles of fear, shame, and targeted misinformation.

2:15-2:30 p.m. - Break

2:30-3:30 p.m. - Concurrent Session 2 (Select one)

1. From the Ground Up: The Value of Stakeholder Engagement at Every Stage of Science Communication Development
Presenters: Nathan Miller
2. Access as a Move Toward Inclusion, Equity, and Diversity in Science Communication
Presenters: Amanda Klingler, Linda Corcoran, Syreeta Nolan, Alyssa Paparella
3. We the People: Inclusive Science Communication in Government
Presenters: Marissa Jones, Catalina Martinez, Treda S. Grayson, Nelsie A. Ramos, Kayla do Couto, Audrey Maran, Vernon R. Morris
4. Community-led Science Engagement in the UK: For Communities, by Communities
Presenters: Clio Heslop, Anna Woolman, Mohammed Rahman
5. ISCS Roundtable: ISC Research (See related on-demand videos)
Presenters: El Lower, Clare Wilkinson, Rebeca Bayeh, Samuel Ridgeway. Moderated by Clare Wilkinson.

3:30-3:45 p.m. - Break

3:45-4:45 p.m. - Concurrent Session 3 (Select one)

1. The Landscapes of Inclusive Science Communication, Factual Media Production, and Communication and Engagement with Basic Science: What is Missing and What Can Be Done?
Presenters: Katherine Canfield, Reyhaneh Maktoufi, Karen Andrade
2. Supporting and Elevating Diverse Voices in Federal Policy Spaces

Presenters: Christina Hoenow, Heather Mannix, Vijay Limaye, James Rattling Leaf Sr., Andres Jimenez, Catalina Martinez

3. Jargon-busting in SciComm: A Community-building Activity to Support Conversations about Inclusive Language
Presenters: Lou Woodley, Katie Pratt
4. Who Are We Centering? A Discussion on Audience for InclusiveSciComm Training
Presenters: Danielle Nadin, Jordan Anderson, Abigail Morris, Cynthia Feng, Michelle Shen, Elena YH Lin, Vi-An Dang
5. ISCS Roundtable: Representation in STEMM (See related on-demand videos)
Presenters: Asma Bashir, Katherine Hunt

4:45-5:00 p.m. - Break

5:00-6:00 p.m. - ISC Inaugural Community Cohort Unpacks the Symposium

Central to the culture of the Inclusive SciComm Symposium are the critical themes and conversations that each session helps to advance. Join a conversation between community cohort members as they process and unpack the questions they are left with, the things they are inspired by, the moments of frustration, thoughts they want to challenge, and ways that we can all go further in our own work and understanding.

Presenters: Daniel Aguirre, ISCS21 Community Cohort members Pamela del Valle, Amy Dixon, Ann Fomukong-Boden, LeKeisha Harding, Trisha Hautéa, Jasmin Graham, Amparo Leyman Pino, Shari Miles-Cohen, Mohammed Rahman, Joey Rodman, Natalie Nicole Sanchez, Jylana L. Sheats, Rob Ulrich, Evelyn Valdez-Ward, Stephen Williams, Daniela Zarate

6:00-6:15 p.m. - Break

6:15-6:45 p.m. - Closing Reflections

The Inclusive SciComm Symposium will conclude with a final roundtable forum that will serve as a town hall, where all participants can share their thoughts about next steps for the inclusive science communication movement. Join us to share your ideas!

6:45 p.m. - ISCS21 Adjourns

On-Demand Video Presentations

A Critical Appraisal of Diversity in Digital Knowledge Production: Segregated Inclusion of Knowledge Producers on YouTube (Kaiping Chen)

Accessible virtual exhibitions of Brazilian science museums: mapping themes, strategies and challenges (Jessica Norberto Rocha)

Alien Language: Reflections on the Rhetoric of Invasion Biology (El Lower)

Analysis of Inclusivity of Science Communication Education being Provided to Scientists and STEM Students (Nicole Kelp)

Aquí Nos Cuidamos: A model for inclusive community-centered science engagement (Mónica Feliú-Mójer)

Breaking the fear, breaking the barriers: The approaches and roles of science communicators when working with underserved audiences. (Clare Wilkinson)

Connecting Asian American and Pacific Islander Americans with their Heritage with Astronomy (Katherine Hunt)

Deaf people visiting science museums: A study about museum experience in Rio de Janeiro, Brazil (Marcelle Pita de Sousa do Carmo)

Environmental Justice and Inclusive SciComm: Modeling the institution we seek to create (Emily Polk & Sibyl Diver)

Equity and social inclusion in Brazilian informal education initiatives: perceptions of science identity and belonging of young women in public schools (Gabriela Reznick)

Gender Equality, COVID-19 and Care: What can culture change strategies bring to institutional contexts at times of crisis and change (Clare Wilkinson)

How does a hands-on scientist look like? Lessons from interviewing early-career researchers (Carolina Araujo Sousa)

How to Talk about Population Pressure (Sarah Baillie)

No more roll call! Identifying and dismantling traditional uses of our names--in science and beyond (Diane DeChief)

Updated 10.14.21

"People like us" – A science poetry slam for young Muslims (Christian Humm)

Reframing How Scientists Know to Diversify Informal Science Education (Taraneh Wilkinson)

Remote Research and the Decentralization of the Academic Institution (Jeanne Garbarino)

Rethinking the Mental Health Narrative in Science Communication: Sociopolitical and Cultural Considerations (Rebeca Bayeh)

SciEngage: A 'Pause and Evolve' Approach to Community Engagement (Geoff Hunt)

STEM Teaching Tools: Practice Briefs for Justice-Centered Science Education and Communication (Abigail Rhinehart)

Tentacular Imagination, creating tales of hope: "What's left of the forest" (Pedro Pablo Achondo Moya)

Testing the Theory: A Case Study for Applying an Inclusive Science Communication Framework to K12 Classrooms (Stephanie Fine Sasse)

The Representation of Agricultural Migrant Workers in U.S. Newspapers Before and During COVID-19 (Whitney Stone)

The Royal We: Finding strength in unity (Asma Bashir)

The User-Centered Ethos in Community Engagement (Amy Dixon)

The Who, What, Why of Science Communication: How Can We Make Science Communication Education More Inclusive (Samuel Ridgeway)

Using Science Communication Projects as Authentic Assessment, while Grading for Equity (Heather Miceli and Katie Mattaini)