



CitSciMN 2018

Symposium for Citizen Science Professionals in Minnesota

A ONE-DAY GATHERING TO LEARN FROM EXPERIENCED CITIZEN SCIENCE PROGRAMS, EXCHANGE IDEAS, GET INSPIRED, AND CONNECT TO A COMMUNITY OF CITIZEN SCIENCE PROFESSIONALS

JOIN THE CONVERSATION!

New this year: Pose a question to our speakers using **Pigeonhole!**
See back page for instructions.

Don't forget to use **#CitSciMN**
on social media!

NOVEMBER 28, 2018
8:30 AM - 4:30 PM
SCIENCE MUSEUM OF MINNESOTA
ST. PAUL, MINNESOTA



8:30 AM **REGISTRATION** | DISCOVERY HALL FOYER

9:00 AM **WELCOME** | DISCOVERY HALL

Laurie Fink, Vice President of Science, Science Museum of Minnesota

Mike Schmitt, Associate Dean for Agriculture, Food and Natural Resources, University of Minnesota Extension

KEYNOTE: HOLLY MENNINGER | DISCOVERY HALL

From belly buttons to basements: Lessons learned from engaging the public in the study of the biodiversity in their daily lives

Holly Menninger is the director of public engagement and science learning at the Bell Museum, leading the museum's interpretive efforts which include K-12 education public programs, exhibits and the planetarium. Menninger and her team are working to position the Bell Museum as the gateway to the sciences at the University of Minnesota, and envision citizen science as an important point of entry.



10:30 AM **POSTERS/EXHIBITS/NETWORKING BREAK** | DISCOVERY HALL

11:00 AM **IGNITE PRESENTATIONS** | DISCOVERY HALL

Driven to Discover: Citizen science in the classroom

Katie-Lyn Bunney, Education and Outreach Coordinator, University of Minnesota Monarch Lab

Join the forces! Enlisting citizens in the fight to transcribe military records

Evan Roberts, Assistant Professor of Sociology, University of Minnesota

11:15 AM **PANEL DISCUSSION** | DISCOVERY HALL

Using citizen science data to inform policy, research, and management

Pete Boulay, Minnesota State Coordinator, CoCoRaHS; Assistant State Climatologist, Minnesota State Climatology Office; Research Fellow, U of M Department of Soil, Water and Climate

Angela Grill, Wildlife Biologist, Three Rivers Park District

Sarah Huebner, Research Manager, Snapshot Safari/Snapshot Serengeti, Department of Ecology, Evolution and Behavior, University of Minnesota

Anu Ramaswami, Director, Sustainable Healthy Cities Network for Integrated Urban Infrastructure Solutions; Professor, Hubert H. Humphrey School of Public Affairs and Department of Bioproducts & Biosystems Engineering, University of Minnesota

12:00 PM **IGNITE PRESENTATIONS** | DISCOVERY HALL

Connecting citizen science communities

Jennifer Shirk, Interim Executive Director, Citizen Science Association

The rusty patched bumble bee and me

Randy Schindle, Forester, Minnesota Department of Natural Resources

12:15 PM **LUNCH** | DISCOVERY HALL

1:15 PM **ROUNDTABLE DISCUSSIONS**

Project initiation and design | DISCOVERY HALL

Facilitator and experts: Rob Blair, Department of Fisheries, Wildlife & Conservation Biology, University of Minnesota and Lucy Fortson, School of Physics & Astronomy, University of Minnesota

Volunteer engagement | ARGON ROOM

Facilitator and experts: Amy Rager and Britt Forsberg, University of Minnesota Extension

Data management | XENON ROOM

Facilitator: Megan Weber, University of Minnesota Extension

Expert: Ben Wiggins, Program Director, Digital Arts, Sciences, & Humanities, U of M Libraries

Champions and hubs | NEON ROOM

Facilitator: Angela Grill, Wildlife Biologist, Three Rivers Park District

Expert: Josh Leonard, Director, Belwin Outdoor Science, St. Paul Public Schools

2:45 PM **POSTERS/EXHIBITS/NETWORKING BREAK** | DISCOVERY HALL

3:15 PM **IGNITE PRESENTATIONS** | DISCOVERY HALL

Project building with the Zooniverse online citizen science platform

Lucy Fortson, Professor, School of Physics & Astronomy, University of Minnesota

Wasp Watchers: Engaging citizen scientists In emerald ash borer biosurveillance

Jennifer Schultz, Wasp Watchers Program Coordinator, University of Minnesota Extension and Department of Entomology

3:30 PM **KEYNOTE: EVA LEWANDOWSKI** | DISCOVERY HALL

The Wisconsin Citizen-based Monitoring Network: Building and coordinating a statewide collaboration

Eva Lewandowski is the Citizen-based Monitoring Coordinator at the Wisconsin Department of Natural Resources. In addition to her work for the DNR, she is active in citizen science at the national and international levels; she has published research on citizen science outcomes, is a member of the national Citizen Science Day Task Force, and is President of the Participatory and Citizen Science Working Group for the Society for Conservation Biology.



4:30 PM **THANK YOU FOR COMING!**

We value your input! Watch for an evaluation coming soon to your email.

5:00 PM **EAT, DRINK & CITSCI** | EAGLE STREET GRILL, 174 WEST 7TH STREET, ST. PAUL

Join us after the symposium for informal happy hour networking with your citizen science colleagues. **The first round of appetizers is on us!**

POSTERS

DIY weights and measures: Developing your own calibration methods using available materials

Peter Marchetto, Assistant Professor, U of M Department of Bioproducts & Biosystems Engineering

Duluth Streams CrowdHydrology: Using citizen scientists to collect spatially distributed hydrologic data through crowdsourcing

| Tiffany Sprague, Watershed Scientist, Natural Resources Research Institute

It depends on goals: fire and grazing are both needed for prairie butterfly management

| Julia Leone, University of Minnesota

Master volunteer life cycle

| Andrea Lorek Strauss and Amy Rager, University of Minnesota Extension

MPCA's Citizen Stream Monitoring Program: A summer of Secchi tube water clarity monitoring

David Schmidt, Minnesota Master Naturalist and Citizen Stream Monitoring Volunteer and Laurie Sovell, Minnesota Pollution Control Agency

Wasp Watchers: Collaborative EAB biosurveillance

| Jennifer Schultz, University of Minnesota Extension and Department of Entomology

EXHIBITORS

Adopt-A-Park Stewards of the Tamarack Nature Preserve

HerpMapper

Minnesota Pollution Control Agency's Citizen Water Monitoring Program

National Eagle Center Wintering Golden Eagle Survey

Twin Cities PBS/SciGirls

University of Minnesota Extension

This event is hosted by the University of Minnesota Extension with additional sponsorship from the Science Museum of Minnesota. Find more University of Minnesota Extension educational information at extension.umn.edu

GOT A QUESTION FOR OUR EXPERTS?

We will use **Pigeonhole** to facilitate questions and answers following plenary speakers as time allows. To enter your questions or vote on questions from the audience, go to **www.pigeonhole.at** on your smartphone, tablet, or laptop computer and enter the passcode **CITSCI**.