



We envision a just and equitable world where knowledge is applied to ensure that humans live in harmony with nature.

Welcome to the **CONVERGE** Webinar Series

CONVERGE Broader Ethical Considerations for Hazards and Disaster Researchers Training Module: A Demonstration Webinar



April 15, 2021
10:00 to 10:30 a.m. MDT



University of Colorado **Boulder**

NSF Award #1841338



Please type questions or comments using the chat or Q&A box in Zoom!

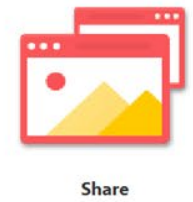
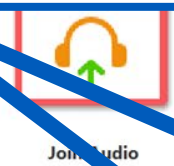
Question and Answer

Open Answered Dismissed

RECORDING IN PROGRESS

No open questions

converge.colorado.edu/communications



Participants **Q&A** Polls Share **Chat** Record More End Meeting



Training and Mentoring for the Next Generation



Now Available



SOCIAL VULNERABILITY AND DISASTERS



DISASTER MENTAL HEALTH



CULTURAL COMPETENCE IN HAZARDS AND DISASTER RESEARCH

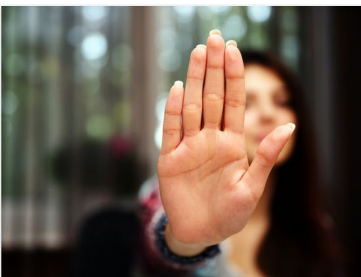


INSTITUTIONAL REVIEW BOARD (IRB) PROCEDURES AND EXTREME EVENTS RESEARCH



CONDUCTING EMOTIONALLY CHALLENGING RESEARCH

Coming Soon

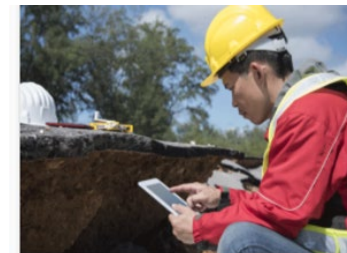


UNDERSTANDING AND ENDING GENDER-BASED VIOLENCE IN FIELDWORK



BROADER ETHICAL CONSIDERATIONS FOR HAZARDS AND DISASTER RESEARCHERS

★ Free!
★ Online
★ 30-60 minutes to complete



COLLECTING AND SHARING PERISHABLE DATA

1 Contact Hour of General Management Training



Awarding one contact hour of general management training.

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS PRESENTED TO

Rachel Adams

FOR COMPLETION OF

Broader Ethical Considerations for Hazards and Disaster Researchers

CONVERGE Training Module

This module focuses on the broader ethical considerations
for conducting research in a disaster setting.

JANUARY 25, 2021

Date

Lori Peek, Ph.D.
Principal Investigator
NSF-NHERI CONVERGE



CONVERGE Training Modules Assignment Bank

This page contains sample assignments from a range of courses that have integrated the CONVERGE Training Modules into the learning curriculum. Please click on the images below for the full text of the assignments. If you have an assignment to contribute as a shared resource for our broader community, please contact us at converge@colorado.edu.

CONVERGE TRAINING MODULES SAMPLE ASSIGNMENT

Course: HSEP 300 Risk & Vulnerability Assessment
Description: 3 credits, undergraduate level course for Homeland Security and Emergency Preparedness majors and others at Virginia Commonwealth University
Instructor: Hani M. Louis-Charles, Ph.D., Assistant Professor, L. Douglas Wilder School of Government and Public Affairs, Virginia Commonwealth University
Email: Louischarh@vcu.edu
Session: Spring 2020

SOCIAL VULNERABILITY AND WARNING SYSTEMS TRAINING MODULE ASSIGNMENT
 Due: April 16, 2020 by 7:00 p.m.
 50 Points

Assignment Overview:
 This assignment contains two parts.
 The first part requires you to register with the CONVERGE project and complete the training module for Social Vulnerability and Disasters. CONVERGE is a National Science Foundation-funded initiative headquartered at the Natural Hazards Center at the University of Colorado Boulder. CONVERGE has developed a series of training modules to enhance the educational experience and hone your skills. Such trainings can help strengthen your resume through demonstrating that you are curious, a lifelong learner, and eager for professional development opportunities. This assignment is designed to introduce you to training modules developed through the CONVERGE faculty, which is located here at the Natural Hazards Center at the University of Colorado Boulder. The goal of completing one of the CONVERGE modules is to strengthen your empirical and methodological skill set while encouraging you to learn more about the social scientific study of disasters. To complete this assignment, you will submit two documents:
 1. a certificate showing you've completed ONE of the CONVERGE training modules

SOCIAL VULNERABILITY AND WARNING SYSTEMS TRAINING MODULE ASSIGNMENT

CONVERGE TRAINING MODULES SAMPLE ASSIGNMENT

Course: ECHS 6642 Disaster Mental Health – International and Domestic Perspectives
Description: 3 credits, graduate level course for MPH students and others through the Colorado School of Public Health
Instructor: Courtney Weston Mitchell, PhD, Clinical Assistant Professor, Colorado School of Public Health, Environmental and Occupational Health, Public Health Preparedness and Disaster Response, CU Anschutz Medical Campus
Email: Courtney.Weston.Mitchell@ucsh.edu
Session: Spring 2020

CONVERGE DISASTER MENTAL HEALTH TRAINING MODULE ASSIGNMENT
 Due: January 30, 2020 by 11:59 p.m.

Overview:
 This assignment is part of the week 1 introductory materials for the course. The specific **Disaster Mental Health (DMH) CONVERGE training module** is part of course materials intended to orient students to disaster mental health in the United States. The DMH Training Module emphasizes common mental health outcomes associated with disasters, including risk and protective factors that make certain populations and individuals more or less vulnerable. This module has been developed for disaster researchers and practitioners, and includes content broadly relevant to public health, and specifically relevant to this course @HCH 6642 Disaster Mental Health. Click here to learn more about CONVERGE, a National Science Foundation-funded initiative headquartered at the Natural Hazards Center at the University of Colorado Boulder. In addition to the Disaster Mental Health training module, you can access additional

DISASTER MENTAL HEALTH TRAINING MODULE ASSIGNMENT

CONVERGE TRAINING MODULES SAMPLE ASSIGNMENT

Course: SOCY 4052 Social Inequalities in Health
Description: 3 credits, undergraduate level course for Sociology majors and other upper division students through the Department of Sociology, University of Colorado Boulder
Instructor: Heather Champoux, Doctoral Student, Department of Sociology and Research Assistant, Natural Hazards Center, University of Colorado Boulder
Email: heather.champoux@colorado.edu
Session: Spring 2020

APPLIED SOCIOLOGY CONVERGE TRAINING MODULE ASSIGNMENT
 Due: April 16, 2020 by 7:00 p.m.
 60 Points

Project Overview:
 Academic and professional training modules are typically designed to enhance your educational experience and/or hone your skills. Such trainings can help strengthen your resume through demonstrating that you are curious, a lifelong learner, and eager for professional development opportunities. This assignment is designed to introduce you to training modules developed through the CONVERGE faculty, which is located here at the Natural Hazards Center at the University of Colorado Boulder. The goal of completing one of the CONVERGE modules is to strengthen your empirical and methodological skill set while encouraging you to learn more about the social scientific study of disasters. To complete this assignment, you will submit two documents:
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SOCIAL INEQUALITIES IN HEALTH TRAINING MODULE ASSIGNMENT

converge.colorado.edu/resources/training-modules/assignment-bank

Acknowledgements

This material is based upon work supported by the **National Science Foundation**, Division of Civil, Mechanical, and Manufacturing Innovation (CMMI), Program on Humans, Disasters, and the Built Environment (HDBE) (NSF Award #1841338) with supplemental support from the **Centers for Disease Control and Prevention (CDC)**.



Lead Developers



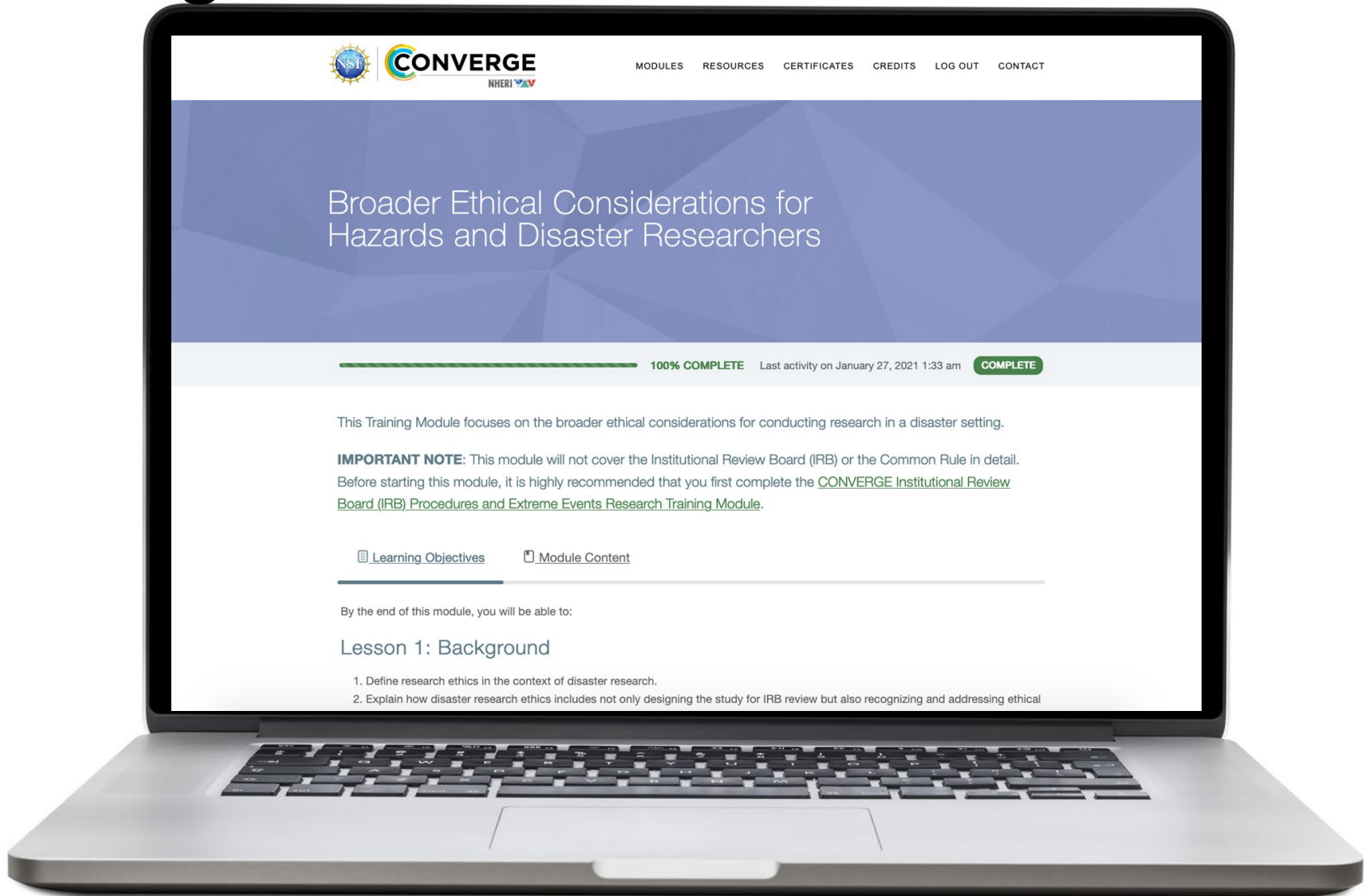
Rachel Adams, PhD, MPH
Research Associate
Natural Hazards Center and CONVERGE
University of Colorado Boulder



Candace Evans, MA
Doctoral Student in Sociology
Graduate Research Assistant
Natural Hazards Center and CONVERGE
University of Colorado Boulder



Training Module Overview



MODULES RESOURCES CERTIFICATES CREDITS LOG OUT CONTACT

Broader Ethical Considerations for Hazards and Disaster Researchers

100% COMPLETE Last activity on January 27, 2021 1:33 am COMPLETE

This Training Module focuses on the broader ethical considerations for conducting research in a disaster setting.

IMPORTANT NOTE: This module will not cover the Institutional Review Board (IRB) or the Common Rule in detail. Before starting this module, it is highly recommended that you first complete the [CONVERGE Institutional Review Board \(IRB\) Procedures and Extreme Events Research Training Module](#).

Learning Objectives Module Content

By the end of this module, you will be able to:

Lesson 1: Background

1. Define research ethics in the context of disaster research.
2. Explain how disaster research ethics includes not only designing the study for IRB review but also recognizing and addressing ethical



Training Module Overview

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[Learning Objectives](#)

[Module Content](#)

By the end of this module, you will be able to:

Lesson 1: Background

1. Define research ethics in the context of disaster research.
2. Explain how disaster research ethics includes not only designing the study for IRB review but also recognizing and addressing ethical challenges as they arise throughout the research process.

Lesson 2: Ethical Considerations for Designing a Study in a Disaster Setting

1. Describe how ethical concerns infuse the entire research lifecycle from the research questions to the sharing of data and results.
2. List six aspects of study design for which ethical decision-making and action is applicable.

Lesson 3: Broader Ethical Considerations and Challenges in Disaster Research

1. Identify six broader ethical considerations and challenges that can occur in the context of disaster research.

Lesson 4: Strategies for Conducting Ethically Sound Disaster Research

1. Describe nine strategies that can be employed to address broader ethical challenges in disaster research.
2. Apply a more robust set of guiding ethical principles and an ethical toolkit to help inform ethical decision-making and action.

Quiz

At the close of the module, you will have the opportunity to take a 10-question quiz. If you get 8 out of 10 questions correct, you will receive a certificate of completion for the CONVERGE: Broader Ethical Considerations for Frontiers and Disaster Researchers Training



Learning Objectives

By the end of this module, you will be able to:

Lesson 1: Background

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Lesson 3: Broader Ethical Considerations and Challenges in Disaster Research

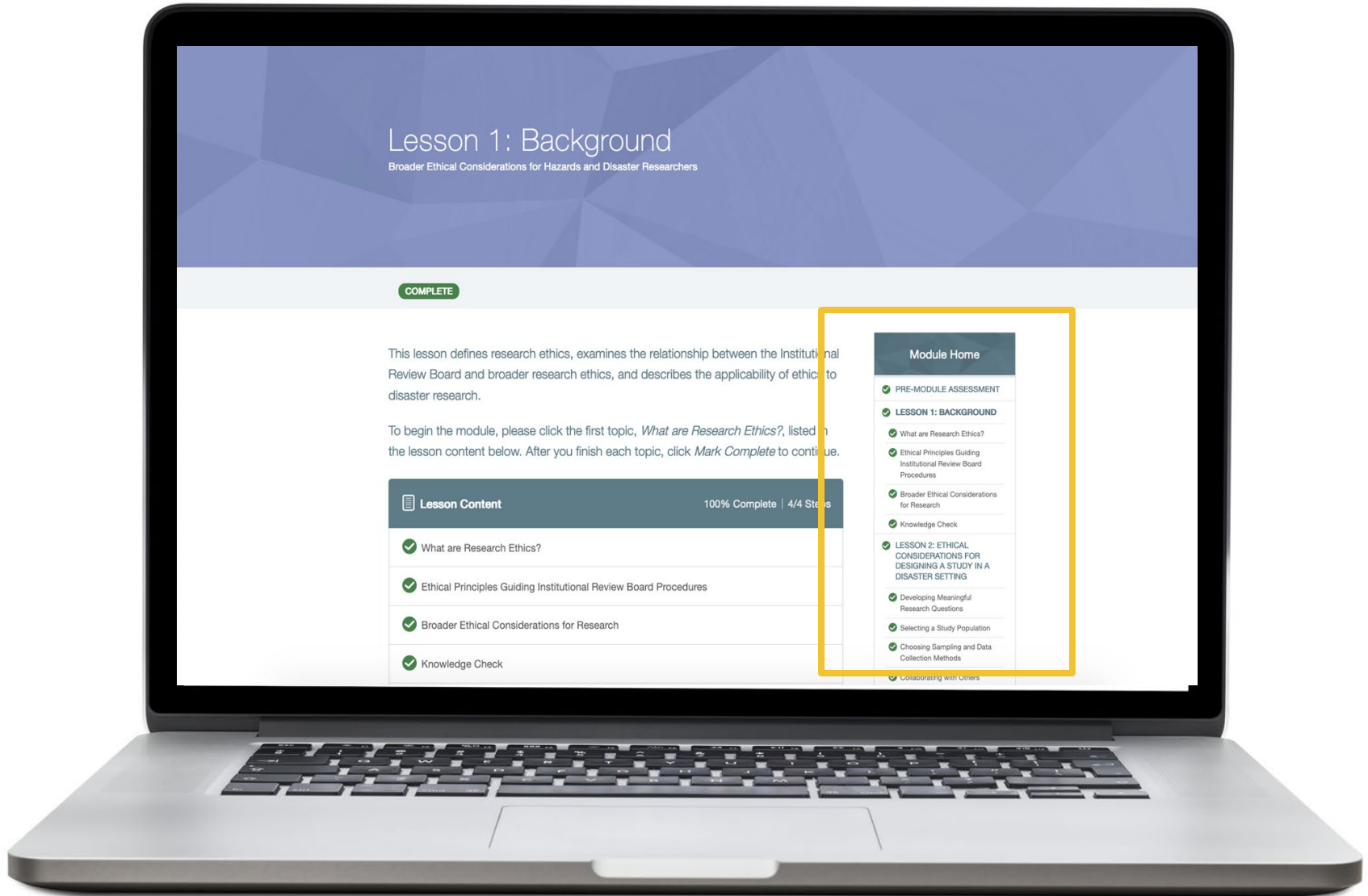
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Training Module Overview



Lesson 1: Background

Broader Ethical Considerations for Hazards and Disaster Researchers

COMPLETE

This lesson defines research ethics, examines the relationship between the Institutional Review Board and broader research ethics, and describes the applicability of ethics to disaster research.

To begin the module, please click the first topic, *What are Research Ethics?*, listed in the lesson content below. After you finish each topic, click *Mark Complete* to continue.

Lesson Content 100% Complete | 4/4 Steps

- ✓ What are Research Ethics?
- ✓ Ethical Principles Guiding Institutional Review Board Procedures
- ✓ Broader Ethical Considerations for Research
- ✓ Knowledge Check

Module Home

- ✓ PRE-MODULE ASSESSMENT
- ✓ LESSON 1: BACKGROUND
 - ✓ What are Research Ethics?
 - ✓ Ethical Principles Guiding Institutional Review Board Procedures
 - ✓ Broader Ethical Considerations for Research
 - ✓ Knowledge Check
- ✓ LESSON 2: ETHICAL CONSIDERATIONS FOR DESIGNING A STUDY IN A DISASTER SETTING
 - ✓ Developing Meaningful Research Questions
 - ✓ Selecting a Study Population
 - ✓ Choosing Sampling and Data Collection Methods
 - ✓ Collaborating with Others



Case Studies and Interactive Content

To advance through the slides below, please click the orange arrow on the right side of the slide. Otherwise the slides will automatically advance after 25 seconds.

Three Core Principles of Ethical Research



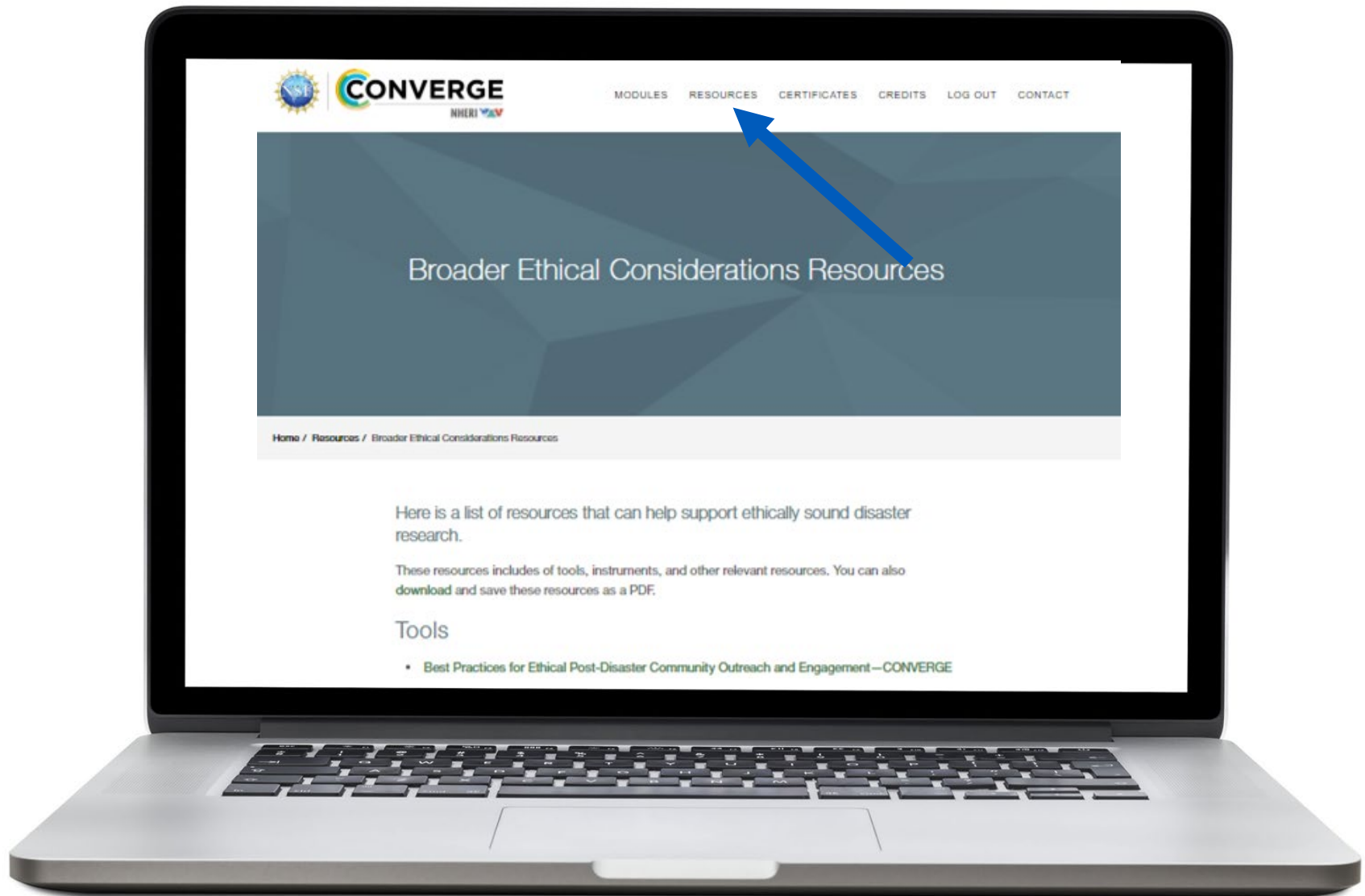
Respect for Persons

Respect for Persons dictates that researchers must recognize and treat research participants as autonomous agents. All participants should be provided with full information about a study so that they can make an informed decision on whether they are willing to participate. For young children or others unable to make informed decisions on their own, the risk of harm must be considered prior to their inclusion in a study.

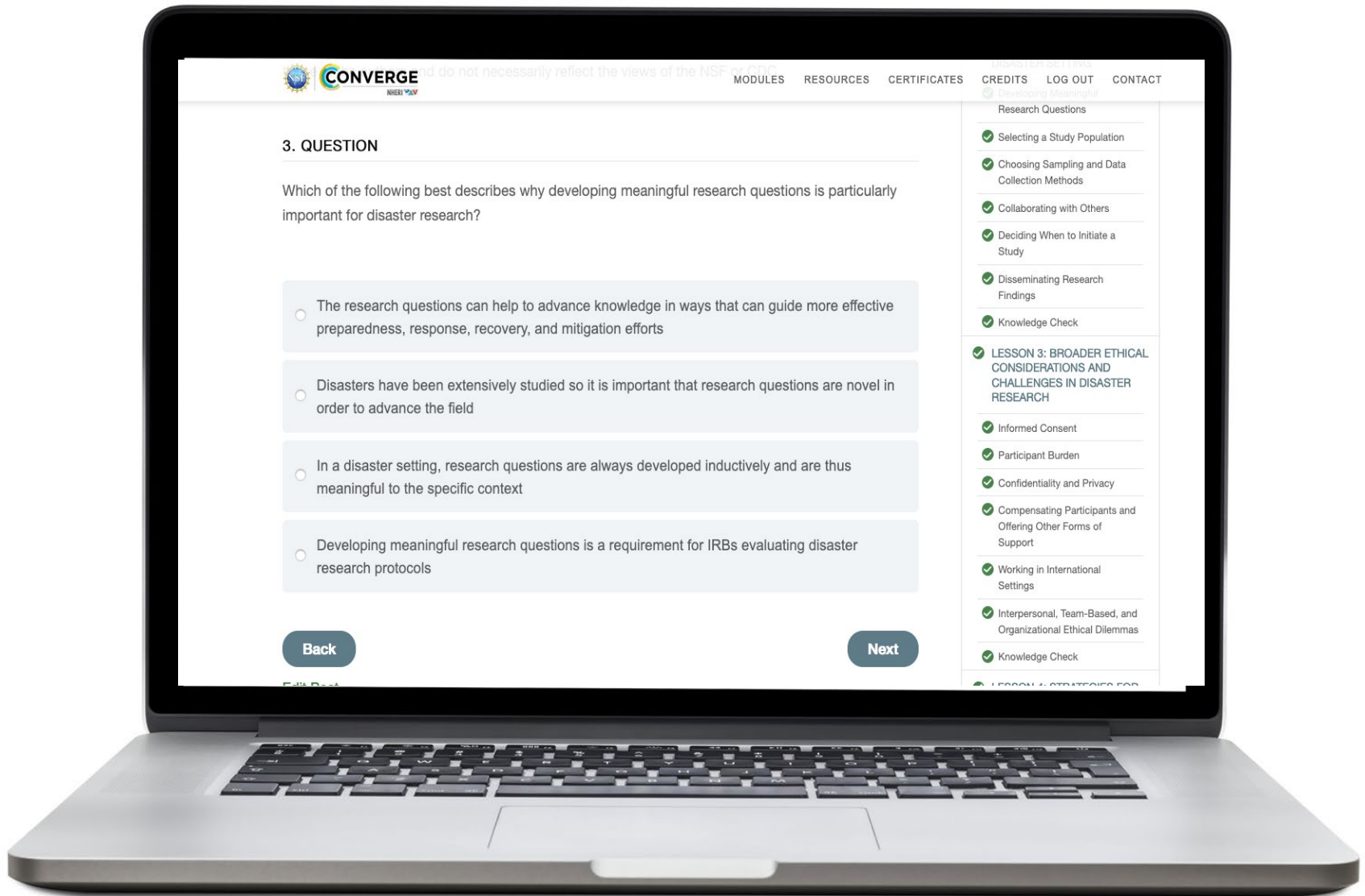
Research Questions

- Selecting a Study Population
- Choosing Sampling and Data Collection Methods
- Collaborating with Others
- Deciding When to Initiate a Study
- Disseminating Research Findings
- Knowledge Check
- LESSON 3: BROADER ETHICAL CONSIDERATIONS AND CHALLENGES IN DISASTER RESEARCH
 - Informed Consent
 - Participant Burden
 - Confidentiality and Privacy
 - Compensating Participants and Offering Other Forms of Support
 - Working in International Settings
 - Interpersonal, Team-Based, and Organizational Ethical Dilemmas
 - Knowledge Check
- LESSON 4: STRATEGIES FOR CONDUCTING ETHICALLY SOUND DISASTER RESEARCH
 - Engage Local Partners
 - Actively Coordinate with Other Researchers
 - Select and Treat Research Participants Equitably
 - Consider the Risk-Benefit Ratio of the Research

Additional Resources



Quiz



3. QUESTION

Which of the following best describes why developing meaningful research questions is particularly important for disaster research?

- The research questions can help to advance knowledge in ways that can guide more effective preparedness, response, recovery, and mitigation efforts
- Disasters have been extensively studied so it is important that research questions are novel in order to advance the field
- In a disaster setting, research questions are always developed inductively and are thus meaningful to the specific context
- Developing meaningful research questions is a requirement for IRBs evaluating disaster research protocols

Back

Next

Research Questions

- Selecting a Study Population
- Choosing Sampling and Data Collection Methods
- Collaborating with Others
- Deciding When to Initiate a Study
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LESSON 3: BROADER ETHICAL CONSIDERATIONS AND CHALLENGES IN DISASTER RESEARCH

- Informed Consent
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- Knowledge Check



Certificate of Completion



Awarding one contact hour of general management training.

CERTIFICATE OF COMPLETION

THIS CERTIFICATE IS PRESENTED TO

Candace Evans

FOR COMPLETION OF

Broader Ethetical Considerations for Hazards and Disaster Researchers

CONVERGE Training Module

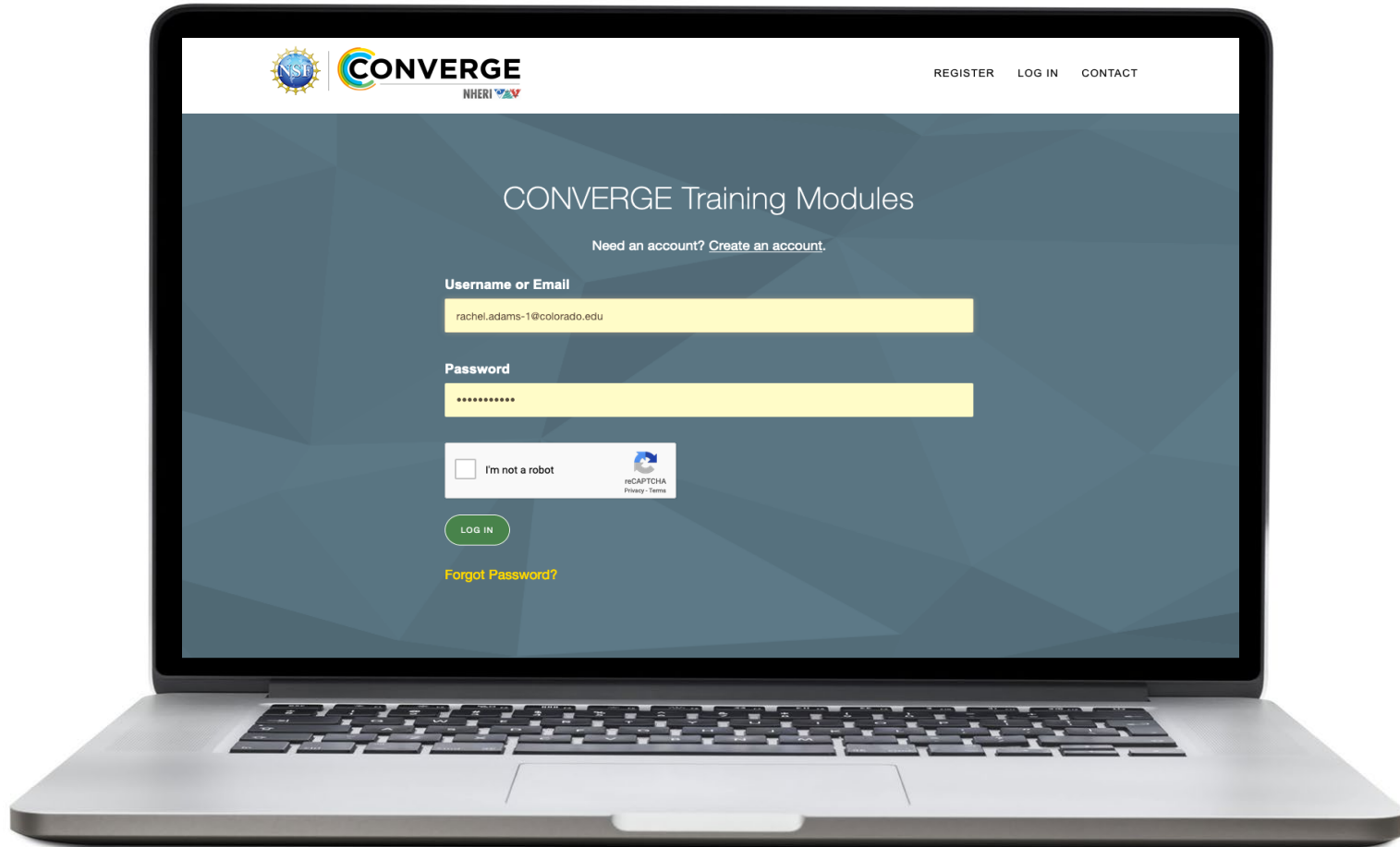
This module focuses on the broader ethical considerations for conducting research in a disaster setting.

APRIL 6, 2021
Date

Lori Peek
Lori Peek, Ph.D.
Principal Investigator
NSF-NHERI CONVERGE



Training Module Demonstration



converge.colorado.edu/training-modules



Next Training Modules



COLLECTING AND SHARING PERISHABLE DATA



RECIPROCITY IN FIELD RESEARCH



Future Webinars



Contact Us at:
converge@colorado.edu

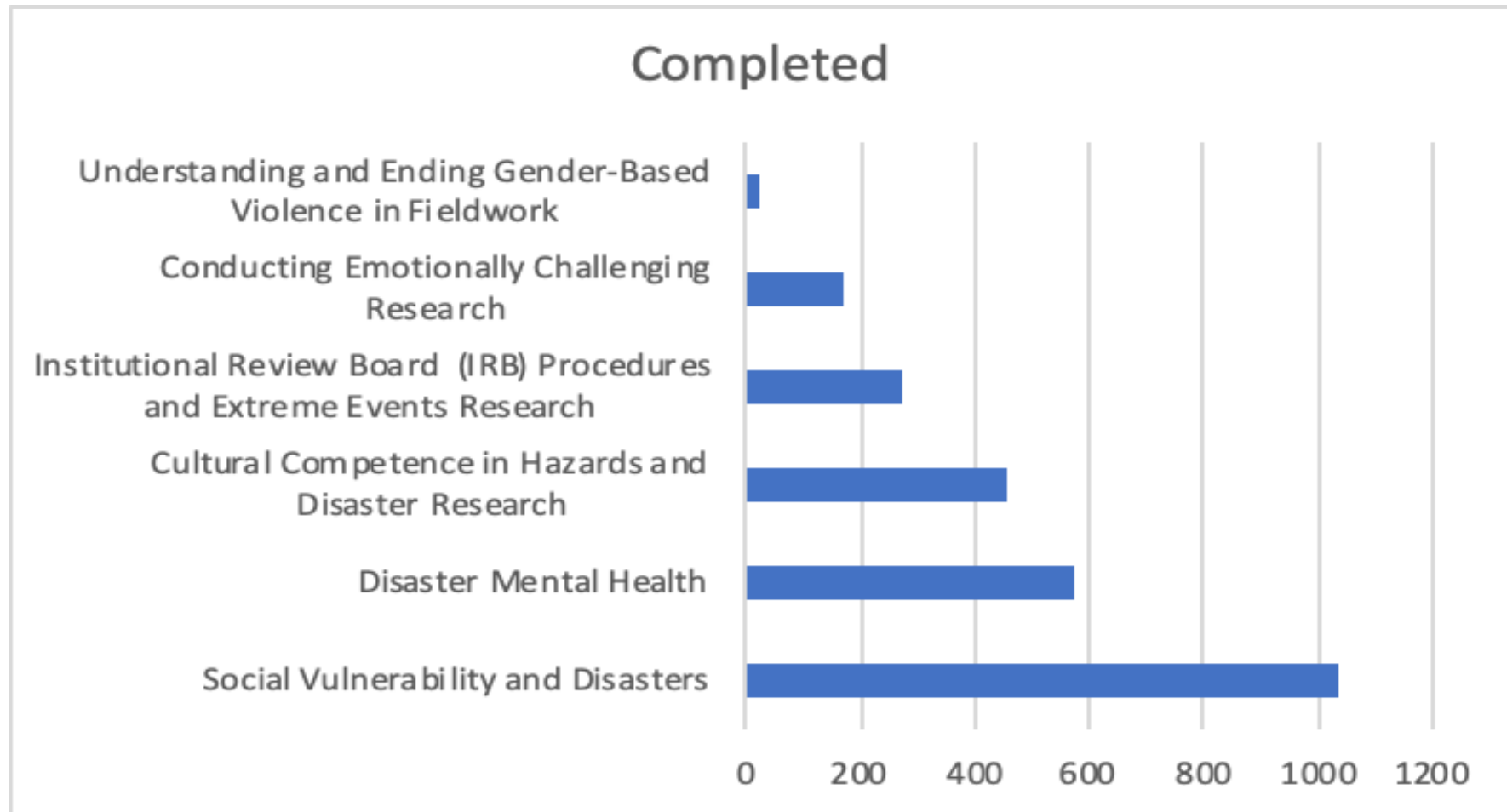
Access the CONVERGE Training Modules at:
converge.colorado.edu/training-modules

This webinar will be posted at:
converge.colorado.edu/communications



Module Completion Metrics

- **2,962** people registered for the CONVERGE Training Modules



Acknowledgements

This CONVERGE Training Module was made possible with the support of the **National Science Foundation (NSF Award #1841338)** and the **Centers for Disease Control and Prevention.**





Sign up for updates and information on new training modules at:

converge.colorado.edu/signup

