

Welcome

Agenda:

- The Team
- Project History
- Project Overview
- Q & A

Iterative Improvement of a Program for Building Inclusive, Diverse, Equitable, Accessible Large-scale (IDEAL) Participatory Science Projects



Caren Cooper



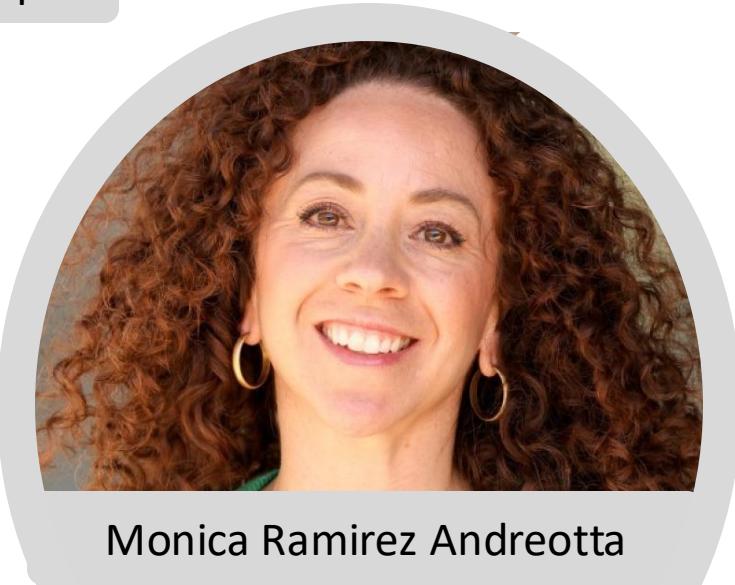
Brooke Bateman



Valerie Johnson



Russ Schumacher



Monica Ramirez Andreotta



Senior Personnel



Freya McGregor



Ashley Dayer



Noah Newman



Gregoriah Hartman



Geoff LeBaron



Project Coordinator, NCSU

?

Future Graduate Student, NCSU

Graduate Student, NCSU

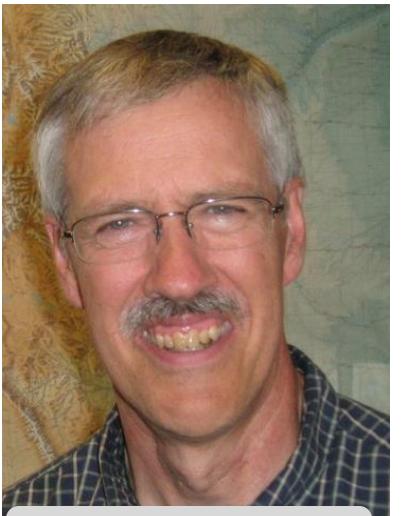
?

Graduate Student, UoA

?

New Hire Audubon

Advisory Board



Nolan Doesken



Na'Taki Osborne-Jelks



Chris Hawn

Evaluators



Karen Peterman



Keshia Martin



Greses Perez



Hali Dardar



Veronica Del Bianco





APPROACHES TO CITIZEN SCIENCE

Citizen Science

Community Science

	CONTRIBUTORY	COLLABORATIVE	CO-CREATED
Define a Question/Issue			
Gather Information			
Develop Explanations			
Design Data Collection Methods			
Collect Samples			
Analyze Samples			
Analyze Data			
Interpret Data/Conclude			
Disseminate Conclusions			
Discuss Results/Inquire Further			

FIGURE 1: Three different approaches to citizen-science research, characterized by the degree of participant involvement in carrying out scientific investigations (Bonney et al. 2009).



CITIZEN SCIENCE
ASSOCIATION



Broadening the Community of Practitioners of
the Citizen Science Association





DIVERSITY

Inclusion in citizen science: The conundrum of rebranding

Cooper, C.B., Hawn, C.L., Larson, L.R., Parrish, J.K., Bowser, G., Cavalier, D., Dunn, R.R., Haklay, M., Gupta, K.K., Jelks, N.T.O. and Johnson, V.A., 2021. Inclusion in citizen science: The conundrum of rebranding. *Science*, 372(6549), pp.1386-1388.



Caren Cooper



Valerie Johnson



Monica Ramirez-Andreotta



Chris Hawn

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Inclusive

Diverse

Equitable

Accessible

Large-scale

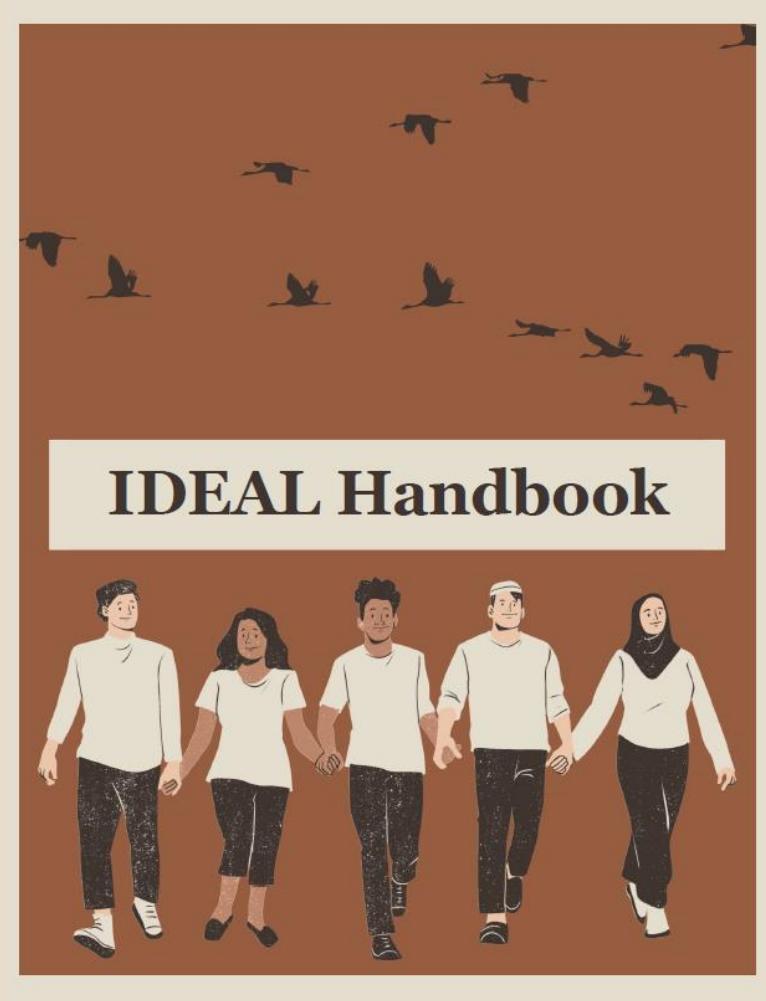


Inclusive, Diverse, Equitable, Accessible, Large-Scale (*IDEAL*) Participatory Science



CB Cooper, C Hawn, V Johnson,
M Ramirez-Andreotta, J Archer,
H Caballero-Gomez, D Chandler,
L Higgins, G Lee Jenni, Z Leggett,
D Lin Hunter, R Moore, S
Moreno, M Ordeñana, N
Osborne Jelks, R Pandya, N Patel,
and D Perkins. 2023. A
**Handbook for Inclusive, Diverse,
Equitable, Accessible, Large-
scale (IDEAL) Participatory
Science.**





IDEAL Participatory Science Tutorial
Updated by Julie Allen • Current Version ▾

REVIEW FEEDBACK ...

Sign In

The image is a screenshot of the IDEAL Participatory Science Tutorial landing page. The background features a photograph of four people (three adults and one child) standing outdoors near a body of water, looking at a sign. The title "IDEAL Participatory Science Tutorial" is displayed in large white text in the center. Below the title is a white button labeled "START COURSE". At the bottom of the page, there is a footer with links: "© 2024 Articulate Global, LLC", "Terms", "Privacy", "Support", and "Cookie Preferences".

STAGE 1

Personal Reflection

WORKSHEET 1

Project Leadership

Social Identity
Lived Experiences
Beliefs
Affiliation

IDEAL Positionality Tool

WORKSHEET 2

Participants

Who is present?
Who is absent?

IDEAL Participant Survey

WORKSHEET 3

Focal Group

Engagement Goals

WORKSHEET 4

Representation in Governance

Advisory Board
Equitable Partnerships
Hiring & Promotion

WORKSHEET 5

Reciprocity

Localization
Projects as tools for distributed capacity
Governance & Sovereignty
Re-order research priorities

STAGE 2

Project Design

WORKSHEET 6

Center the Margins

Reimagine project narratives

Accessibility

Affinity Groups

Recognize & Address social safety issues

Implementation Plan

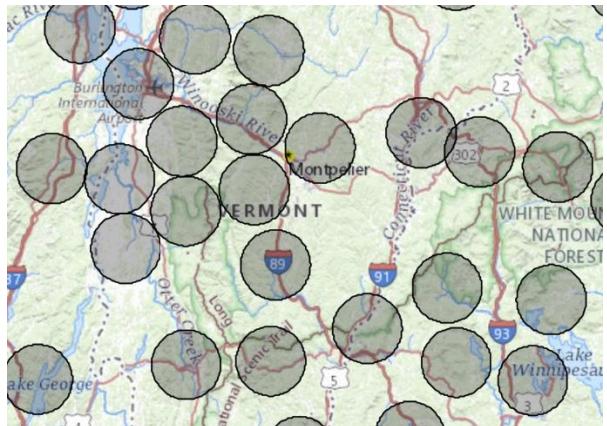


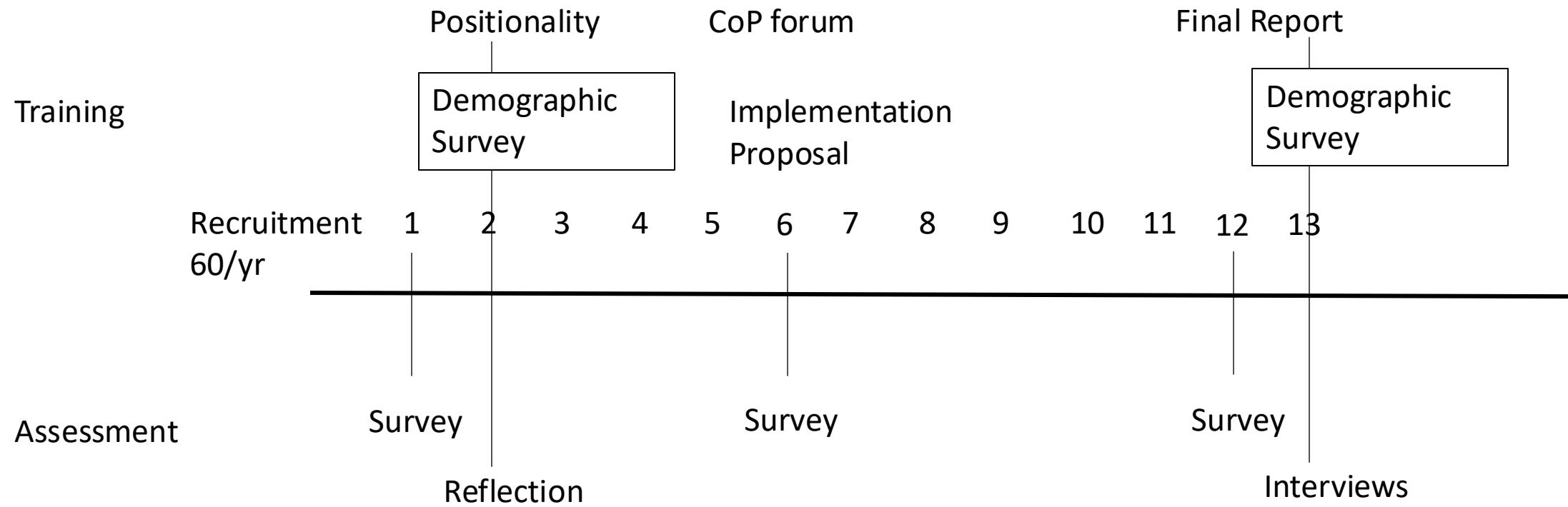
State/Regional Coordinators

Local Leaders

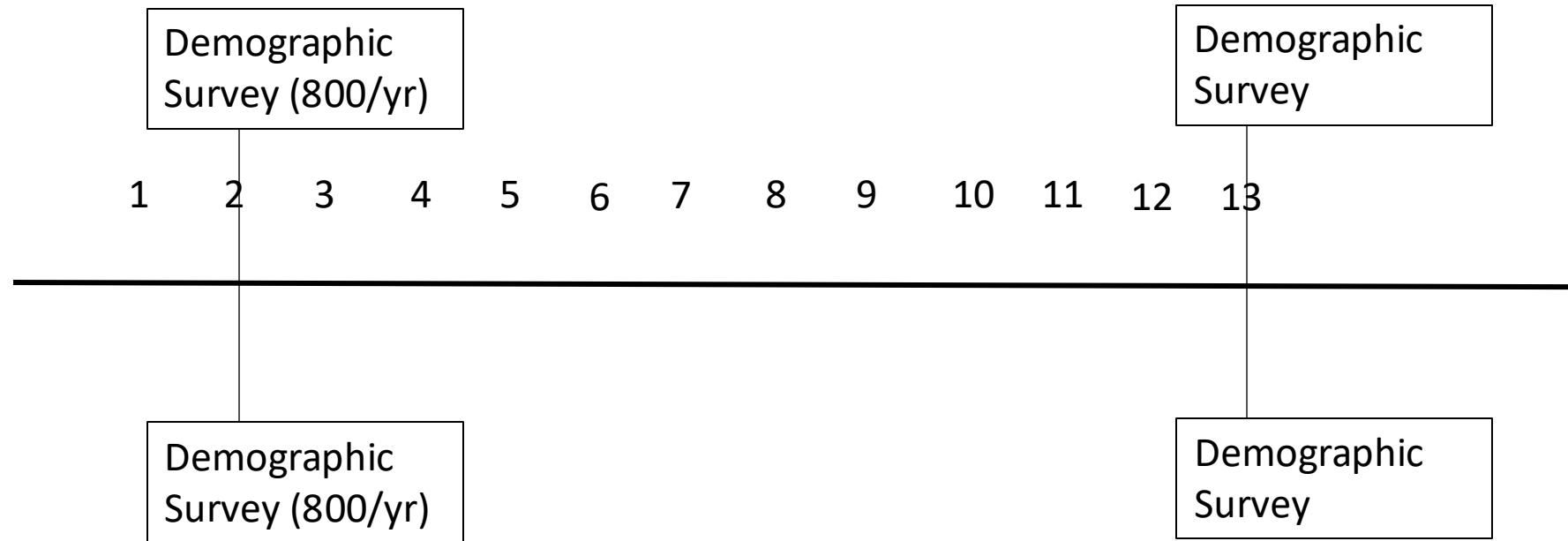
2 IDEAL cohorts of 30 individuals each, for three years (n=180)

- 1 - stipend of \$100 at 6month mid-way point; and another \$100 at 12 month
- 2 - free training in IDEAL principles and practices (Handbook/Tutorial)
- 3 - free access to peer community of practice (CoP)
- 4 - qualify for implementation support (\$2500-\$5,000)
- 5 - increased diversity of participants in their local CBC/CoCoRaHS





Treatment
2,000/yr



Evaluation

High-level
adopters

