



Approaches to Education and Training in Science Communication

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NASEM | Standing Committee on Advancing Science Communication Research and Practice
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University of
Connecticut



Alan Alda Center for Communicating Science®

AT STONY BROOK UNIVERSITY

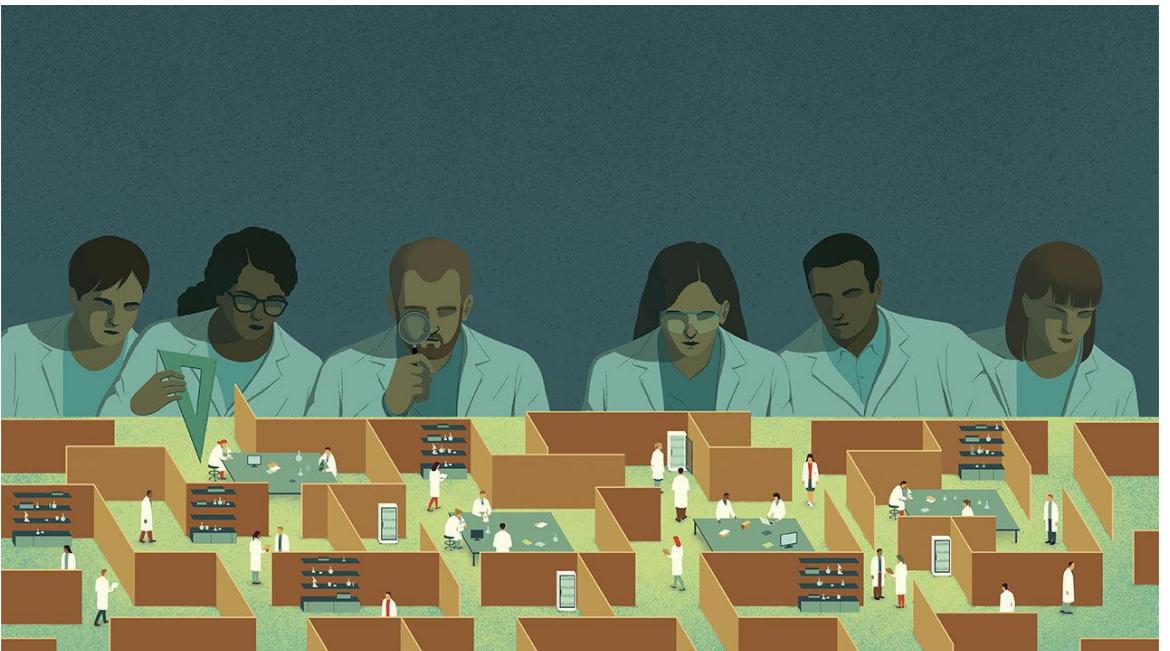


(Photos: Alan Alda Center for Communicating Science)



Does training *improve* (science)
communication skills?

Evaluation vs. Research



Measuring Communication Effectiveness

Trained



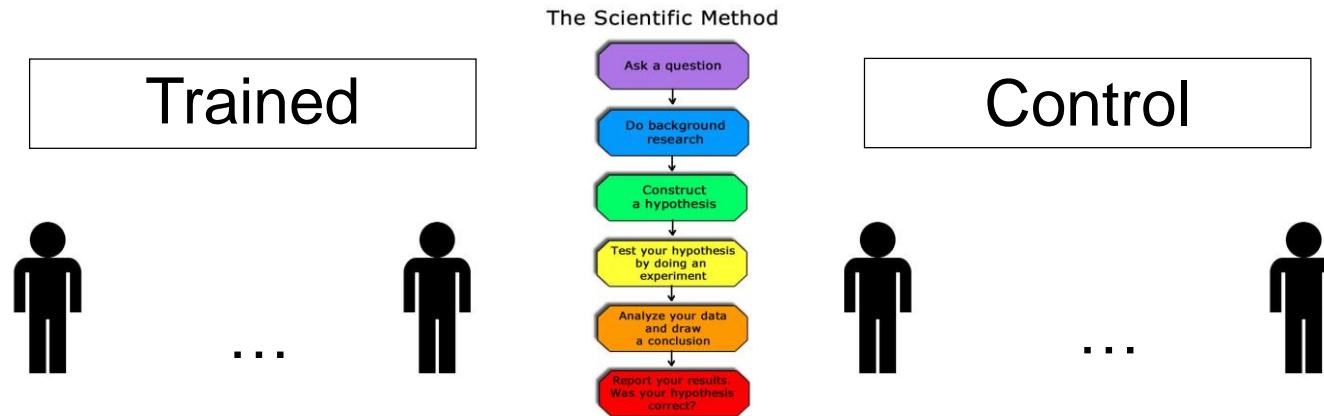
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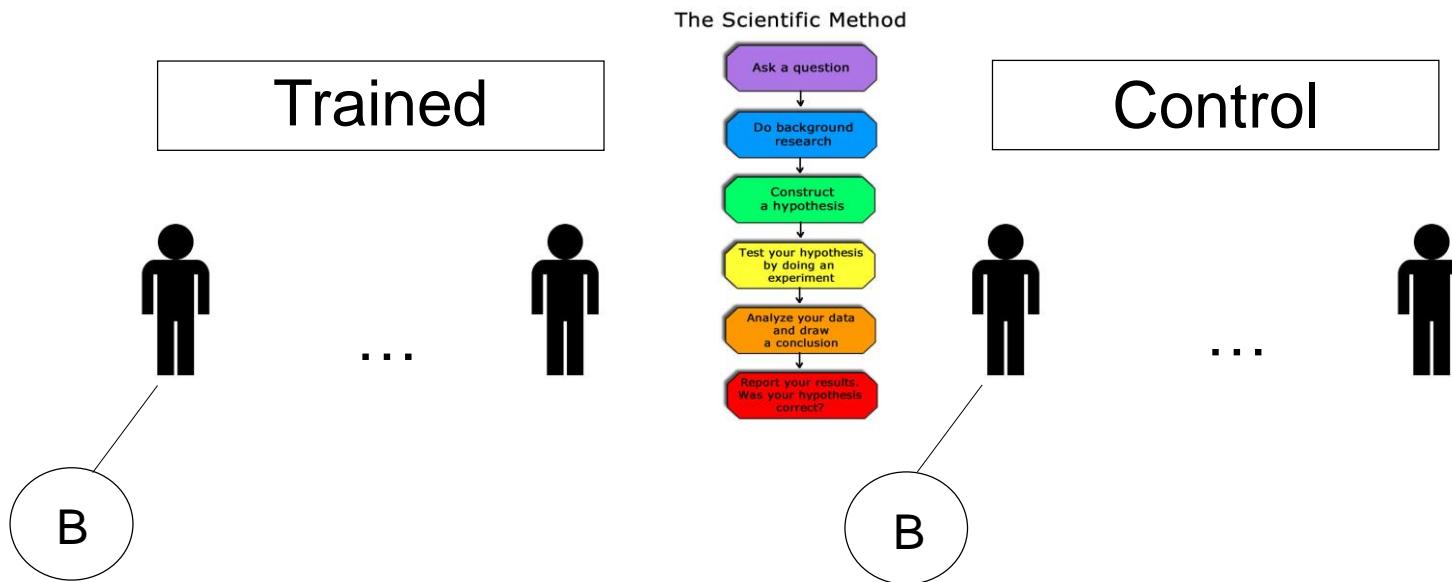
Measuring Communication Effectiveness



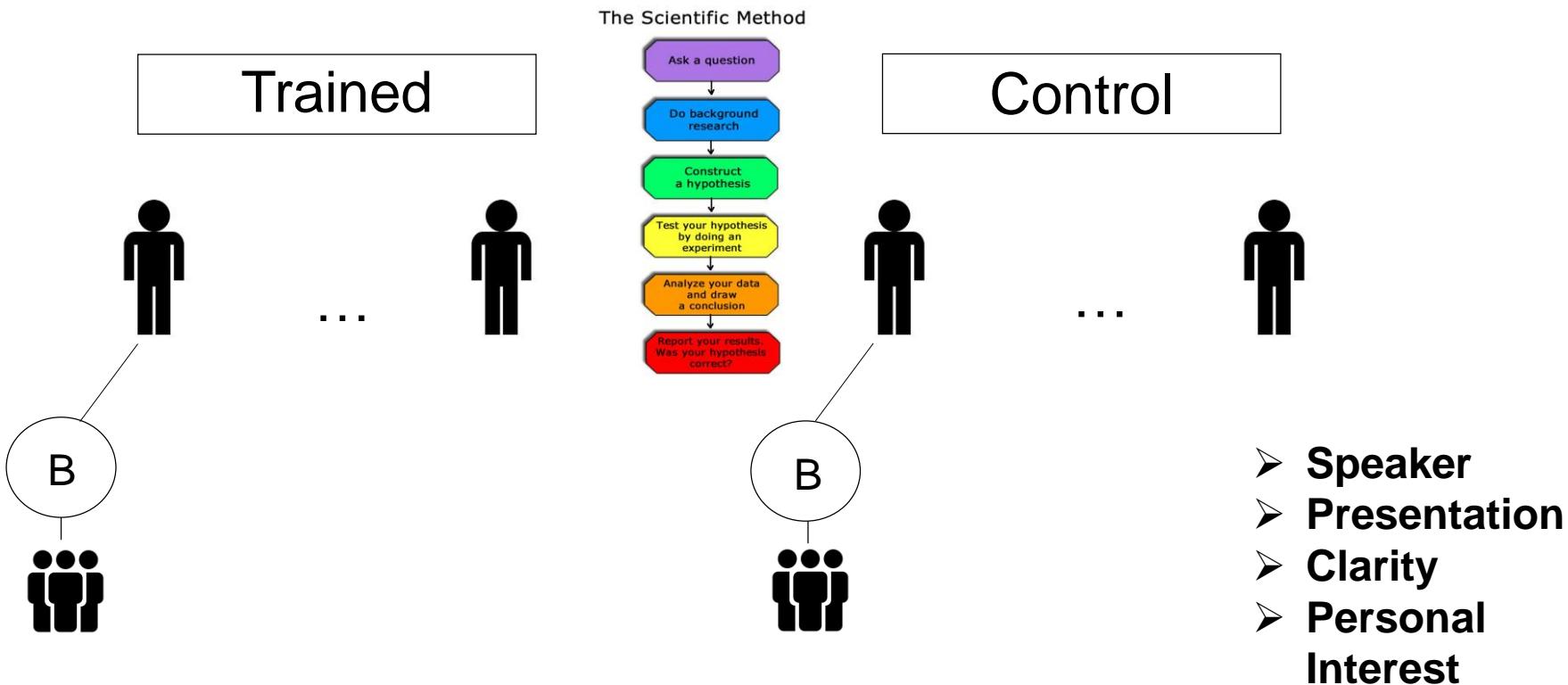
Measuring Communication Effectiveness



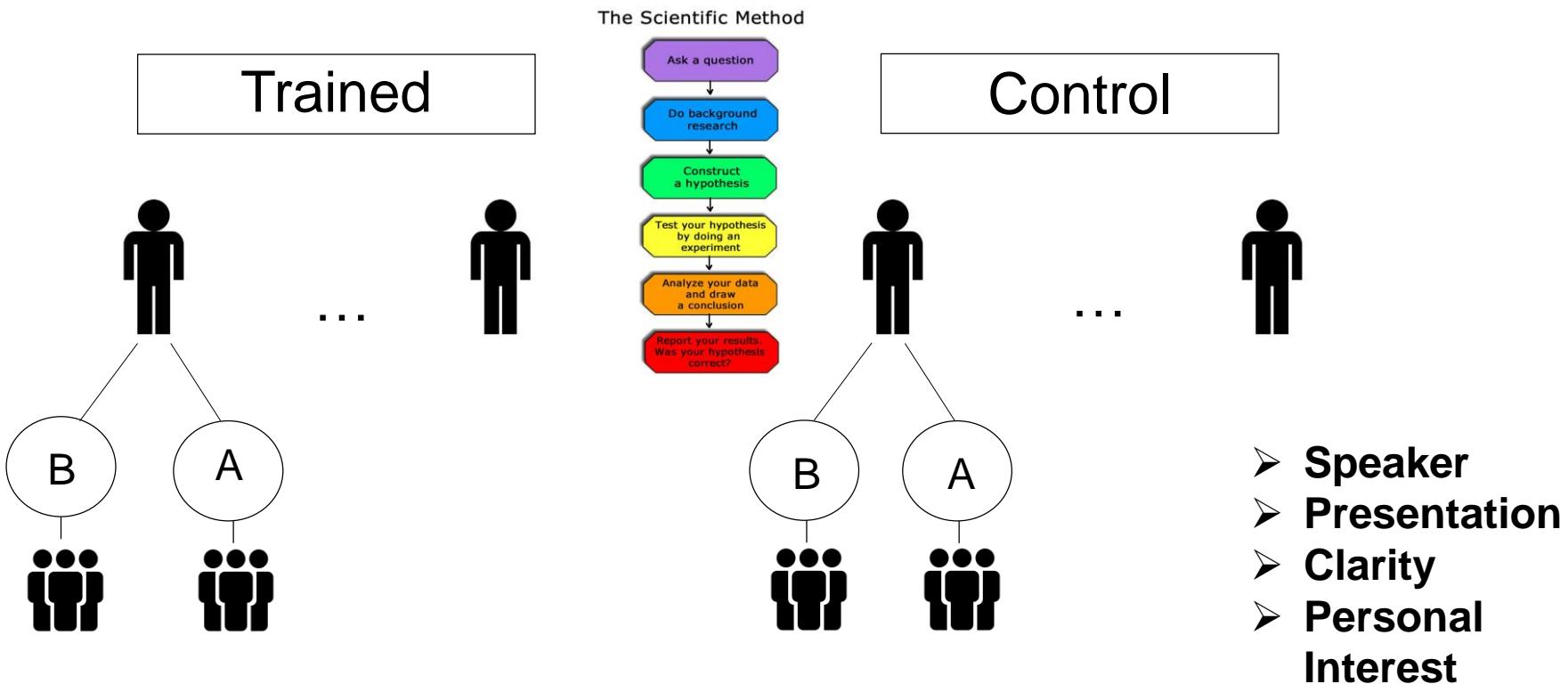
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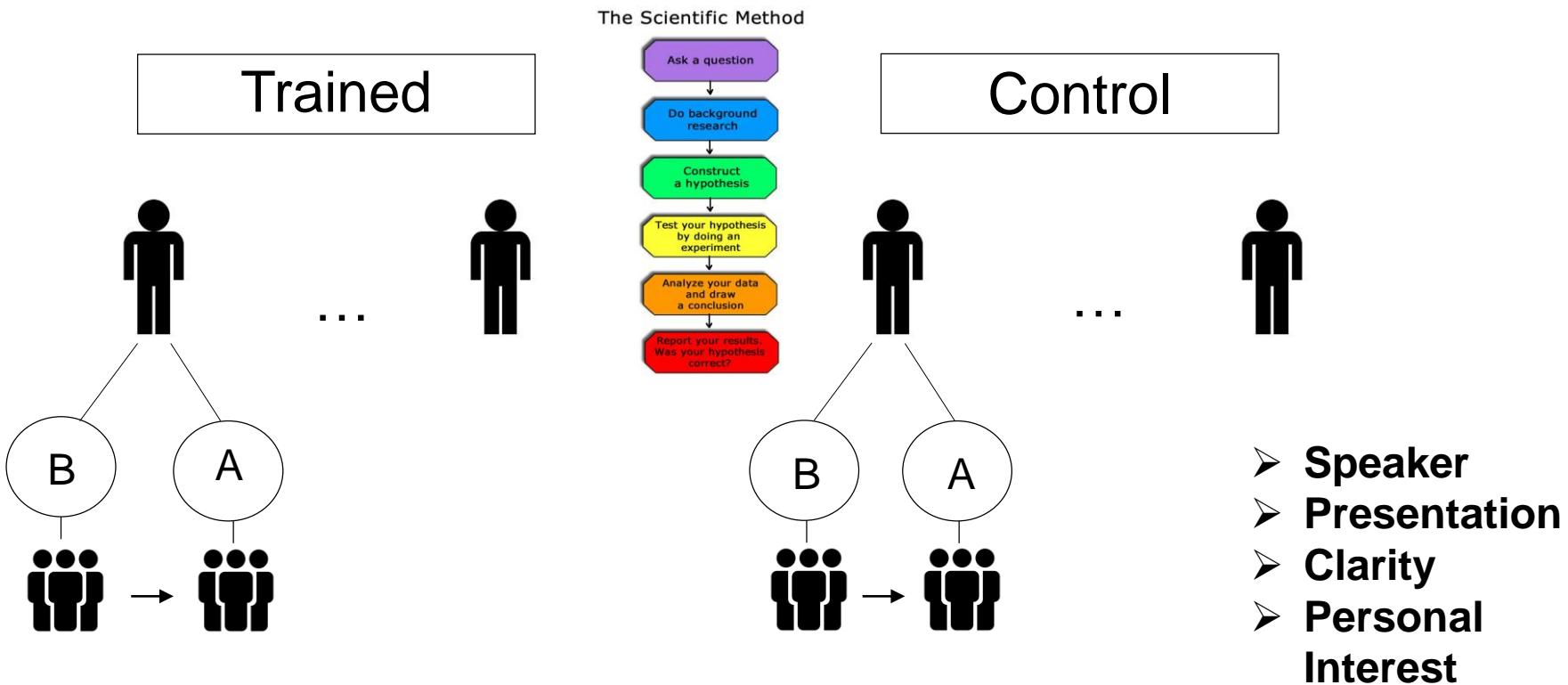
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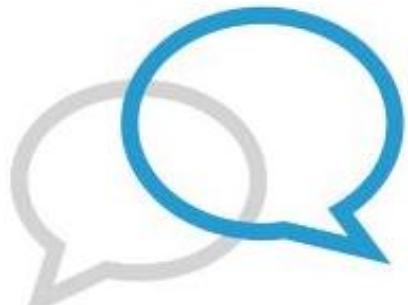
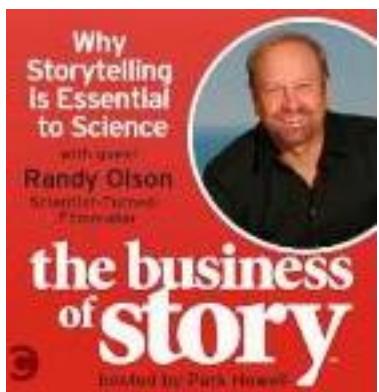
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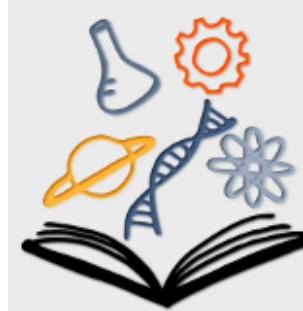
PORTAL
to the Public

COMPASS



SHARING
SCIENCE

A Program of AGU



ComSciCon
The Communicating Science workshop for graduate students

Alan Alda Center
for Communicating Science



AT STONY BROOK UNIVERSITY

AAAS
Communicating
Science
Workshop

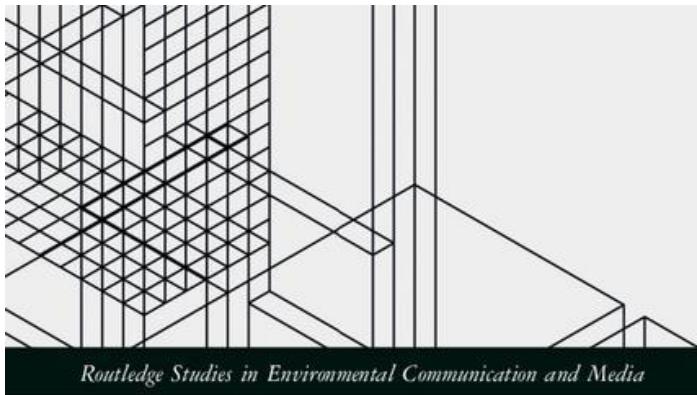
CIENCIA
PUERTO RICO

Beakerhead

NINJA
COMMUNICATIONS

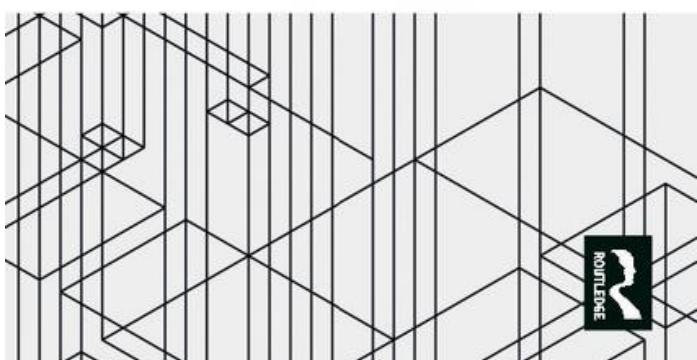
RELATE
Making Science Communication A Conversation

FRAME
WORKS
INSTITUTE

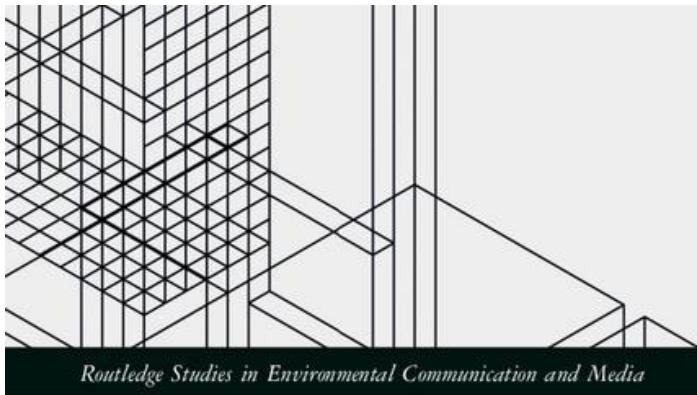


THEORY AND BEST PRACTICES IN SCIENCE COMMUNICATION TRAINING

Edited by
Todd P. Newman

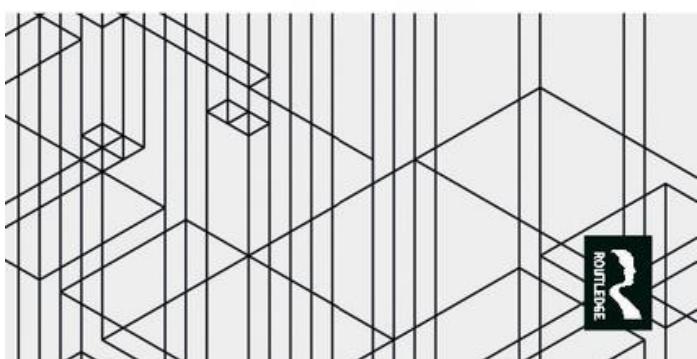


- Reflect on a growing field
- Communication training vs. education
 - Short skills
 - Education (e.g. programs and certificates)
- What translates from other fields of research
 - Health Communication
- Fostering research-practitioner collaborations

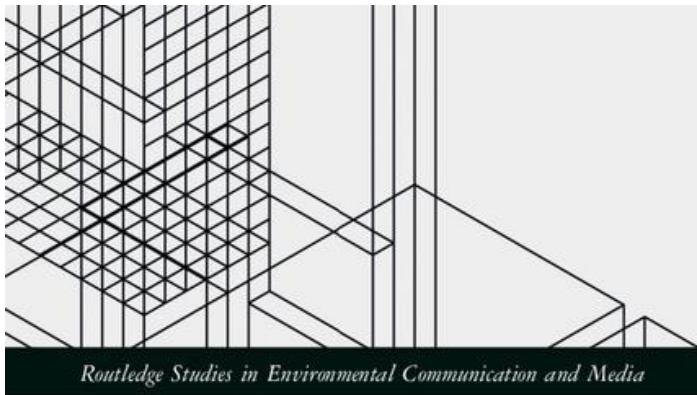


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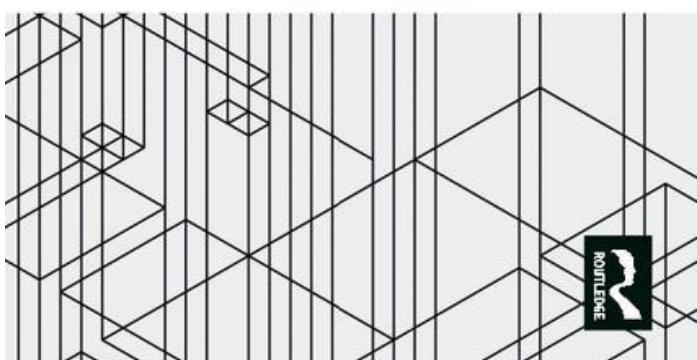


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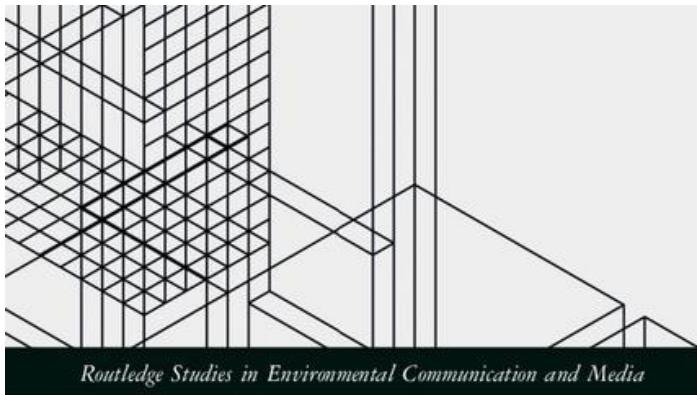


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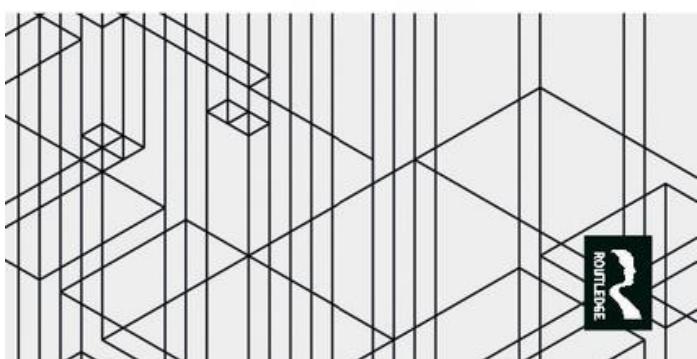


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 - Science communication destinations



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 - Science communication destinations
- **Metro lines**
 - Pathways for communication and engagement



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- **Engineering the Metro**
 - Using research and data to build and evaluate science communication



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 - Central coordination



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- **Financing and Building**
 - Investing in the infrastructure