



COMMUNITY FOR ADVANCING DISCOVERY RESEARCH PREK-12

CADRE: Serving DRK-12 2009-Present

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CADRE Learning Series

Using Video in Education Research

Meet the Panelists:



Ilana Horn
Vanderbilt University



Heather Hill
Harvard University



Joanne Lobato
San Diego University



Nanette Seago
WestEd



Erica Walker
Columbia University

Agenda

- Brief overview of issues in video use in research on STEM teaching and learning
- Panelist presentations:
 - Dr. Erica N. Walker, Teachers College
 - Dr. Joanne Lobato, San Diego State University
 - Dr. Nanette Seago, WestEd
 - Dr. Heather Hill, Harvard University
- Questions and Answers (please use the Q&A function on the chat!)

Some Thoughts about Video Use in DRK12 Research



Conducting Video Research in the Learning Sciences: Guidance on Selection, Analysis, Technology, and Ethics

Sharon J. Derry
*Department of Educational Psychology
University of Wisconsin–Madison*

Roy D. Pea and Brigid Barron
*School of Education
Stanford University*

22 Videorecording as Theory

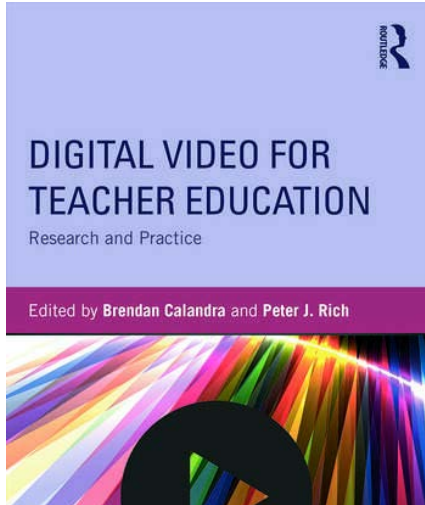
Rogers Hall
University of California–Berkeley

Carl: They're not tattoos, they're skin ILLUSTRATIONS! Don't you ever call them tattoos. Let me tell you. Don't you look at those illustrations too long, because they'll come alive and they'll tell stories.

Rod Steiger as Carl, in a film adaptation of Ray Bradbury's *The Illustrated Man* (1951, directed by Jack Smight, 1969)

We can learn a great deal about the detailed structure of learning and teaching by watching videotape of people in action. But, we still don't know much about our own activities of collecting, watching, or interpreting video as a stable source of data for research and presentation purposes. That one can get into

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Our Questions to the Panelists

- What is your research?
- What design decisions did you have to make around video use?
- What “wisdom of practice” can you share?