COMMUNITY FOR ADVANCING DISCOVERY RESEARCH PREK-12

CADRE: Serving DRK-12 2009-Present

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Instructional Observation

CADRE Learning Series
September 27, 2023
Agenda

Plan for today

11:30 - 11:40 Introduction to Learning Series Topic
11:40 - 12:25 Panelist Presentations
12:25 - 1:00 Q & A with participants

Please use the chat to interact with other participants. Use the Q&A box for panelists — can be anonymous. To access closed captions, use the “CC” button. We are recording this for registrants.
Purposes for Classroom Observation

- Comparison across teachers
- Change over time within teachers
- Focus on students
- Focus on teacher
- Focus on classroom community
- Focus on discourse
- Focus on thinking
- Researcher-facing
- Teacher-facing
Presenters

- Gillian Roehrig, University of Minnesota
- Kara Jackson, University of Washington
- Pauline Chinn, University of Hawai‘i
Questions for the Panelists

1. What is the role of instructional observation in your project?
2. Describe your instructional observation tool/protocol/process, with some illustrations of how it works
3. What are some of the technical issues you have encountered in either the development or use of the observation tool/protocol/process? How have you addressed this in your work?
<table>
<thead>
<tr>
<th>Observation Focus</th>
<th>Audience(s)</th>
<th>Technical Issues</th>
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<tbody>
<tr>
<td><strong>Roehrig</strong></td>
<td>Researchers &amp; teachers</td>
<td>Integrating STEM item not as reliable</td>
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<td>Teachers’ elementary STEM integration</td>
<td>Tech practices did not load</td>
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<td><strong>Jackson</strong></td>
<td>Practitioners (teachers, coaches, administrators)</td>
<td>Some important aspects of teaching are hard to measure</td>
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<td>Implementation of ambitious instruction in secondary math classrooms</td>
<td>Issues around aggregation</td>
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<td><strong>Chinn</strong></td>
<td>Teachers</td>
<td>Pre- and post-measures on issues of teacher agency, engagement</td>
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<td>Place-based, culturally sustaining STEM</td>
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