2018 INFORMATIONAL WEBINAR
MARCH 2, 2018
Welcome! Let’s get ready to begin.

1) Please mute your microphone unless speaking.
2) You can turn your video on and off here. We would love to see you!
3) You can access the chat window here for comments and questions.

Please note:
This webinar will be recorded and posted publicly on our website as a resource.
Who’s here?

Today’s Facilitators
- Elizabeth (Beth) Luoma, Summer Institutes Program Director (Yale)
- Jeremy Bradford, Summer Institutes Assistant Program Director (Yale)

Today’s Panelists
- Andy Moiseff (UCONN, Northeast Regional Leader)
- Lisa McDonnell (UCSD, California Regional Leader)
- Joseph Siebenaller (LSU, Gulf Coast Facilitator)
- Clarissa Dirks (Evergreen State, Northwest Regional Leader)
- Tom Torello (UCONN, Northeast Facilitator)

Who are you?
In the chat box, please enter:
1) your name
2) institutional role
3) why you decided to attend today’s webinar
What are the Summer Institutes on Scientific Teaching?
TODAY’S OUTLINE

1) Program History, Overview & Impact
2) Typical Curricular Experience
3) 2018 Sites, Dates & Eligibility
4) How to Apply
5) Q&A with Regional Site Leaders & Facilitators
TODAY’S OUTLINE

1) **Program History, Overview & Impact**

2) Typical Curricular Experience

3) 2018 Sites, Dates & Eligibility

4) How to Apply

5) Q&A with Regional Site Leaders & Facilitators
The Need for Change

There is a growing national call to reform undergraduate STEM education.
Teaching Scientifically

Response:
Create an intensive, multi-day workshop to train instructors to apply the spirit and rigor of science to their teaching (e.g. to teach scientifically)

Dr. Jo Handelsman, Author of Scientific Teaching and founder of the Summer Institutes
Program Goal

The goal of the Summer Institutes is to inspire and empower participants to transform undergraduate STEM learning and teaching through evidence-based teaching practices.
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History of Funding Support (2004–2018)
Program Impact

Since 2004, the regional Summer Institutes have trained over 1700 faculty from over 350 institutions in evidence-based teaching.
Program Impact

- The majority of program alumni responding to a 2014 survey reported that attending the SI permanently changed their teaching.

- Testimonials:
  - "This was a very valuable professional development opportunity for me. I feel better equipped with arguments for helping drive change in undergraduate education."
  - "I learned SO much, made some valuable professional connections, and got practice developing an active learning activity that was peer evaluated."
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What is a Summer Institute?

- Multi-day intensive workshop that trains college STEM instructors in evidence-based teaching
- Models the scientific teaching principles promoted
- Led by trained facilitators and leaders
- Provide opportunities for you to learn educational theory AND immediately apply it to the development of your own teaching materials
## Typical Regional Summer Institute Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Day 1</th>
<th>Day 2</th>
<th>Day 3</th>
<th>Day 4</th>
<th>Day 5</th>
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<tbody>
<tr>
<td>Morning</td>
<td>Facilitator Training</td>
<td>Inclusive Teaching</td>
<td>Active Learning</td>
<td>Assessment</td>
<td>Group Presentations</td>
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<td>Backwards Design</td>
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<td>Facilitator Training</td>
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<td>Registration and Welcome</td>
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<td>Principles of Scientific Teaching and Teachable Tidbit Example</td>
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<td><strong>Group Work on Teachable Tidbit</strong></td>
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<td><strong>Optional Group Work</strong></td>
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Participant Expectations

- Participate fully in all activities throughout the duration of the institute
- Work in a small group of peers with a trained facilitator to develop and present instructional materials
- Participate in evaluation surveys before, during and after your attendance
- Disseminate institute experience and resources on your home campus
- Attend a follow-up meeting (typically 9-12 months after institute)
Supports for Our Alumni Community

- **Website Resources**
  [http://summerinstitutes.org](http://summerinstitutes.org)

- **Scientific Teaching in Practice Webinar Series**

- **Monthly SI Newsletter**
  (webinar & event announcements, STEM job postings, education research, highlights from the alumni community & more)
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## 2018 Regional Sites & Dates

<table>
<thead>
<tr>
<th>REGIONAL SITE</th>
<th>LEADERS</th>
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| June 18-22 - California - University of California, San Diego | Stanley Lo, Lisa McDonnell & Kiki Zissimopoulos  
**Contact:** [smlo@ucsd.edu](mailto:smlo@ucsd.edu) |
| July 9-13 - Northwest - The Evergreen State College | Clarissa Dirks & Elly Vandegrift  
**Contact:** [dirksc@evergreen.edu](mailto:dirksc@evergreen.edu) |
| July 16-20 - Gulf Coast - Louisiana State University | Bill Wischusen  
**Contact:** [ewischu@lsu.edu](mailto:ewischu@lsu.edu) |
| July 22-26 - Northeast - University of Connecticut | Xinnian Chen, Andy Moiseff & Tamara Brenner  
**Contact:** [xinnian.chen@uconn.edu](mailto:xinnian.chen@uconn.edu) |
Eligibility

- STEM college faculty & future faculty (includes graduate students, postdocs, adjunct faculty, part & full-time college instructors)
- Greatly encourage attendance as an institutional team (e.g. 2-3 from the same department), but not required
- Welcome participants from any STEM discipline and any institution type (research-intensive, teaching-intensive, 4-year, 2-year, community college, etc.)
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How to Apply

1. Select a regional site based on your geographic & scheduling needs.

2. Go to summerinstitutes.org/ and click “Apply.”

3. Complete the application components:
   - Personal information
   - Teaching experience & CV
   - Motivation for applying
   - Institutional & department support forms (optional for some sites)

4. Deadlines vary by site.
Costs

- Costs vary by individual site to cover food/lodging/registration, up to a few hundred dollars per site.
- Home institutions and/or participants are responsible for covering travel costs to the regional site.
- Subsidies may be available at individual sites for particular participant populations, such as future faculty and/or faculty from lesser-resource institutions.
- Please follow up with leaders of individual site to inquire about specific costs.
Questions?

WE HOPE TO ANSWER THEM!
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### Individual Site Break-out Rooms

<table>
<thead>
<tr>
<th>REGIONAL SITE</th>
<th>ZOOM MEETING ID (Link in chat window)</th>
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<tbody>
<tr>
<td>June 18-22 - California</td>
<td>488-849-289</td>
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<tr>
<td>University of California, San Diego</td>
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<tr>
<td>July 9-13 - Northwest</td>
<td>244-903-629</td>
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<td>The Evergreen State College</td>
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<td>July 16-20 - Gulf Coast</td>
<td>244-903-629</td>
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<td>Louisiana State University</td>
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<tr>
<td>July 22-26 - Northeast</td>
<td>754-624-463</td>
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<td>University of Connecticut</td>
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You can also remain here if you have questions for the national Program Director & Assistant Program Director.