



National Science Education
Leadership Association
2017 Leadership Summit

*Lights, Cameras and Action:
Leading for Success in Science Education*

March 29, 2017

JW Marriott at LA LIVE

Los Angeles, CA

7:30am-4:15pm

Presented in collaboration with

100KIN10

Leaders in Science Education,

At no time in our country's history has science education been more important than it is today. Whether it be addressing mankind's grand challenges facing coming generations, or finding solutions to local issues tomorrow, science education leaders must navigate a shifting landscape all while owning the responsibility of implementing positive changes in their field. As science education leaders, we are tasked with understanding the current trends in science education; making decisions on current trends based on evidence; and implementing instructional practices to reflect changes in science education. The leadership strands for the 2017 Leadership Summit and additional professional development series are designed to equip science leaders with the tools and resources to tackle the grand challenges in leading effective science education in an ever-changing system.

The 2017 NSELA Leadership Summit, *"Lights, Cameras and Action: Leading for Success in Science Education"* will be held in Los Angeles, CA, on Wednesday, March 29, 2017.

1. Cultivating STEM Learning in Science Programs
2. Leadership in Developing and Sustaining Curriculum
3. Messaging and Advocating for Science: What Every Leader Should Know in the Age of Multimedia

Cultivating STEM Learning in Science Programs

The intent of this strand is to engage science leaders in thoughtful reflection of their own science programs and/or classrooms, and how STEM principles and practices can be incorporated into science learning without "jeopardizing" science time. Many science educators feel the inherent tension of STEM "being one more thing", when in reality the Framework for Science Education and 3-Dimensional learning provide opportunities for students to be engaged in meaningful ways.

Leadership in Developing and Sustaining Curriculum

The intent of this strand is to engage science leaders in understanding essential principles of cutting-edge research that informs the teaching and learning of science, with particular attention to the components of experiential learning and implementation of effective instructional practices. Participants in this strand will experience ways that classroom teaching and professional development might accommodate differences in student learning and build successful science programs.

Messaging and Advocating for Science: What Every Leader Should Know in the Age of Multimedia

The intent of this strand is to engage science leaders in the critical elements for effective communication with stakeholders, ranging from districts to parents to students. Advocating for science programs and STEM to build strong community engagement and support is an essential component of building a strong STEM ecosystem. A wide variety of media platforms will be discussed, as well as effective, research-based messaging strategies for standards and learning.

National Science Education Leadership Association

2017 Leadership Summit

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Program Agenda

March 29, 2017

All events at the JW Marriott at LA LIVE

100Kin10

7:30am

Registration Opens

7:45am

Breakfast & Networking:

How do we address the Grand Challenges of STEM Education?

8:30am

Welcome

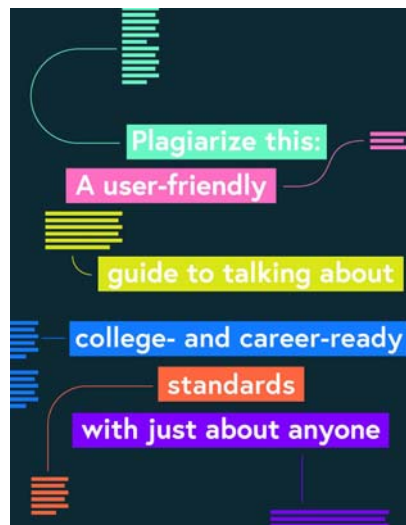
Larry R. Plank, Interim Executive Director, NSELA

Talia Milgrom-Elcott, Co-Founder and Executive Director, 100Kin10

9:00am

Plagiarize This!

Dr. Drew Westen, Emory University



10:30am

Break & Networking

What is your role in solving the Grand Challenges of STEM Education?

10:50am

Breakout Sessions

Session 1: Effective STEM Programs are Based on Teacher Actions that Matter:
A research-based approach to professional learning to impact STEM instruction

Terry Talley, Ed.D.

*National Institute for STEM Education
STEM District & Campus Certification and
Development*

Whitney Dove

*National Institute for STEM Education
STEM Teacher Certification and Development*

Session 2: Empowering Teachers to Craft Discourse-rich, Multidimensional Science Learning
Experiences

Jennifer Folsom

WestEd

Lead Learning Architect of Making Sense of SCIENCE

Kirsten Daehler

WestEd

Director of Making Sense of SCIENCE

Session 3: Professional Development Tools and Strategies to Optimize STEM Learning

Sephali Thakkar

*Lewisville ISD, Allen, TX
Instructional Technology Facilitator*

Nancy Kellogg

*National Science Education Leadership Association
Awards Committee Chair*

11:50am

Transition to Ballroom

12:00pm

Welcome

Keri Randolph, President, NSELA

Keynote Address

Jonathan Gerlach

International STEM Education Consultant, Discovery Education



NSELA Awards and Updates

1:15pm

Transition to Breakout Rooms

1:30pm

Breakout Sessions Continue

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National Science Education Leadership Association
Awards Committee Chair

3:00pm

Transition to Ballroom

3:15pm

Themed Solutions Lab Sessions

Interactive, design-thinking themed sessions to identify root causes and solutions for barriers to improving STEM education that are focused upon summit strands.

4:00pm

Closing & Electronic Surveys

Larry Plank, Interim Executive Director, NSELA

4:15pm

Adjourn



Please join us for the 2017 Summer Leadership Institute!

Henry Doorly Zoo

Omaha, NE

June 28-Jun 30, 2017

