

Demystifying

NGSS

Who Should Attend?
Teachers,
Teacher Coaches,
Principals,
Curriculum
Administrators

ISU Alumni
Center
Room 116

Includes, Parking,
Continental Breakfast,
Lunch on your own

Vertically Aligned Practices in Science Education

9**MAY**

6.5 PD Hours or
Administrator
Academy
Credit

9 - 3:30**AM****PM**

High-quality science instruction embodies a combination of explicit instruction of NGSS scientific practices and core scientific information. Come experience multiple practical methods of centering relevant instruction on scientific practices at all grade levels. You will explore how to use the NGSS website to plan a vertically- and horizontally aligned curriculum. After experiencing science instruction centered on NGSS scientific practices, we will discuss how to evaluate and develop science instruction that explicitly teaches NGSS scientific practices from kindergarten through high school.

SUCCESS CRITERIA:

- Participants will be able to evaluate science instruction with confidence and effectiveness.
- Participants will identify the three NGSS strands and how they relate to their teaching context.
- Participants will be able to visualize and articulate NGSS scientific practices involved in high-quality science lessons to optimize student growth.
- Participants will have an evolved definition of high-quality science instruction and a deeper sense of effective methods used for students to grow their scientific expertise.

Presented by

JEFF SPENCER AND STACIE FRANCE

Jeff Spencer is a science instructional coach with the Illinois Regional Office of Education #17 and a researcher at the University of Michigan studying the design, implementation, and adaptation

of culturally relevant teaching materials in the classroom. His work focuses on building professional learning structures that support the implementation of practices-based science education in classrooms throughout Illinois. Prior to this, Jeff was a high school science teacher. For six years at a large, diverse high school in Aurora, CO. At this position, he led teacher professional development around cultural relevance and mentored young teachers as they engaged with the culture of their community. He is also a senior fellow with the Knowles Teacher Initiative, an organization geared towards supporting secondary teacher development and building leadership capacity and is involved in design and facilitation with Open Sci Ed, Modeling Instruction, and the POGIL project. When not teaching and doing research, Jeff spends time with his family, enjoys cooking and eating all types of food, and is an avid cyclist.

Stacie France, a former National Board Certified science teacher and department head, is the Lead Hub Director with the Regional Office of Education #17 and an Assistant Professor at Illinois State University. Stacie is in the final phases of her dissertation, focusing on trust-building habits of novice school administrators. Her professional efforts focus on growing strong leaders for stronger schools by developing organizational leadership aptitudes in aspiring through retiring school leaders. She led professional development on the Next Generation Science Standards, standards-based instruction and assessment, and the power of formative assessment to personalize learning opportunities for all students. Stacie transitioned into administration at the building level as an Assistant Principal then as a Principal, earning the Illinois State University Principal of the Year Award in 2019 and a Those Who Excel Meritorious Service Award in 2022. To recharge, Stacie spends time with family and her two bullmastiffs, Junior and Tank. Every chance she gets, Stacie celebrates the beauty of nature by being outside.



Organization/School

Address: _____ City: _____

State: _____ Zip: _____ Phone: _____ Fax: _____

Name/Position: _____

Email: _____

IL ASCD Membership # _____ IEIN # _____

If you need to add more names, please duplicate this registration form.

Early Bird (Until 1/30/24)	IL ASCD member Each	1 Person Each	2 People Each	3 People Each	Student/Retiree Each
____\$179	____\$199	____\$248*	____\$238**	____\$228**	____\$99**

* Includes 1 year membership

** 2 or more attendees from the same school district/organization. Does not include membership.

(Call for Info on larger team discounts 618 203 3993)

Conference Fees \$ _____

IL ASCD 1 year Membership Fee (add \$49) \$ _____

Total Registration Fees \$ _____

The registration deadline is May 2, 2024. A \$15.00 fee will be charged for cancellations made in writing prior to the deadline. No refunds will be given after the deadline. Confirmation will be sent via e-mail after your registration is processed. Registrations can be transferred to another individual by faxing information to 309-438-5364 or by emailing mdrhoa1@ilstu.edu.

Payment Information:

(Payment or purchase orders MUST accompany registration form)

____ Check made payable to Illinois State University enclosed

____ Purchase order ENCLOSED. Purchase order #: _____

____ Charge Credit Card: __Master Card __ Visa __ Am/Ex __ Discover
Account Number

Expiration: (Month/Year MM/YY) and 3 Digit CVV code

Name on Card

**Illinois ASCD is an ISBE
Approved Provider**

**Illinois ASCD is CPS
Approved Provider: #24595**

How to register:

Online: Use your Visa, MasterCard, Discover, or American Express card at <http://www.illinoisascd.org>

Call: 800-877-1478 or 309-438-2160, Mon. - Fri. 8:00 a.m. - 4:30 p.m. and use your Visa, MasterCard, Discover, or American Express.

Mail: Send completed form with check or copy of PO to: IL ASCD Spencer/France, Illinois State University, Conference Services, Campus Box 8610, Normal, IL 61790-8610.

Fax: Fax completed form to 309-438-5364 using your Visa, MasterCard, Discover, or American Express or a copy of school P.O.

Email: Email a completed registration form and approved PO to mdrhoa1@ilstu.edu.