



COGx Online Professional Development

Science of Learning Series: Developing Sophisticated Learners



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| Program Name: | Introduction to the Science of Learning |
| Duration: | 7 hours |
| Cost: | \$135 pp |

Description of the Program

A critical component of mastery learning is transfer of learning. Transfer is the ability to apply knowledge and skills to a new context. What conditions do lead to transfer then? This program answers that question and introduces the science of learning, a body of knowledge from cognitive science on how people learn. Learn how to design classroom experiences and environments that lead to transfer, critical thinking, and creativity.

Learning Outcomes (What you will learn)

- Discover how the Science of Learning underpins the world's most successful approaches to teaching and learning
- Explore how learning science complements and supports your school's strategic plan and improves learning outcomes
- Discover and debunk widely accepted myths around learning
- Adopt evidence-based teaching practices to use in your classroom
- Understand neuroplasticity to support your students' development of the skills needed for successful learning
- Learn about metacognition to help your students monitor and control their own learning

Program Elements (How you will learn it)

- Live Webinar
- Application Guides (classroom strategies/techniques)
- Video micro-lessons from experts
- Group Discussions
- Visuals and Graphic Organizers
- Ongoing self-checks and application of concepts
- Direct access to your Program Leader
- Opportunities to give and receive feedback from your peers
- Teaching practice reflection



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Guest Lecturers (Who you will learn from)



UCLA

Robert Bjork

Professor of Psychology, University of California

Affiliations: Learning and Forgetting Lab, UCLA

Areas of Expertise:
Human Learning and Memory, Implications of Science of Learning for Instruction

Education: PhD in Psychology, Stanford University



Stanford
University

Linda Darling Hammond

Professor Emeritus, Stanford University Graduate School of Education

Areas of expertise:
Author or editor of more than 25 books and more than 500 articles on education policy and practice. Her work focuses on school restructuring, teacher education, and educational equity

Ed.D. Temple University (with highest distinction);
B.A. from Yale University (magna cum laude)



Javier Arguello

Founder & Executive Director, COGx

Areas of Expertise:
Research translation in cognitive science; Development of programs to enhance learning outcomes.

Education:
MPA, Harvard University; MBA, Yale University
Graduate Fellow, Cognitive Science, MIT



UCLA

Elizabeth Bjork

Professor of Psychology, University of California

Affiliations: Learning and Forgetting Lab, UCLA

Areas of Expertise:
Human Learning & Memory; Implications of Science of Learning for Teacher Instruction

Education: PhD in Psychology from University of Michigan