



# COGx Online Professional Development

Science of Learning Series: Developing Sophisticated Learners

|               |  |
|---------------|--|
| Program Name: | Teach for Mastery                                |
| Duration:     | 8 hours over 2 weeks                             |
| Investment:   | \$150  |
| Register:     | <a href="http://www.cogx.info">www.cogx.info</a> |

## Description of the Program

Scientists have learned more about the brain in the last 10 years than in all previous centuries. Some of the research findings support ways we teach and learn instinctively, and others are quite surprising! For example, focusing on pulling information out of the brain is an effective method to store information long term. And furthermore, we actually want students to forget a little bit before revisiting the material again. This program fills a common gap in teacher training, how do people learn? Gain a toolbox of strategies that will ensure your students remember what you teach them well beyond their time in your classroom.

## Learning Outcomes (What you will learn)

- How people Learn
- How to build knowledge and deepen understanding
- Techniques that students can use to improve their memory
- Teaching strategies and methods to help students recall information including activation of prior knowledge and retrieval practice
- How to organize units and lessons to ensure students won't forget what you've taught
- The truth about many widely accepted memory myths

## Program Elements (How you will learn it)

- Live Webinar (recording available)
- 18 Video micro-lessons from experts
- Group Discussions
- 13 Visuals and Graphic Organizers
- 5 Application Guides
- 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



# COGx Online Professional Development

Science of Learning Series: Developing Sophisticated Learners

## Guest Lecturers (Who you will learn from)



**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



**Elizabeth Bjork**



Professor of Cognitive  
Psychology at University of  
California, Los Angeles;  
Psychology Department.

Affiliations:  
Learning & 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



**Peling Li**



COGx Curriculum Designer  
& Guest Lecturer

Areas of Expertise:  
Teacher training and  
development, and special  
education. Experienced  
educator and coach to  
teachers; professor of  
graduate courses at Urban  
Teachers, Johns Hopkins  
University.

Education:  
Ed.D. Special Education,  
Johns Hopkins University;  
MA International Education  
Development, Columbia  
University



**Jarrett Lovelett**



Research in human learning  
and memory

Relevant Affiliation:  
Learning Attention &  
Perception Lab, USC

Area of Expertise:  
Memory & Learning

Education:  
BA Cognitive Science, Yale  
University; M.A.  
Experimental Psychology,  
UCSD; PhD (in progress)  
Experimental Psychology,  
USCD