

ABOUT LEARNING & the BRAIN® SUMMER INSTITUTES

LEARNING & the BRAIN® has been bringing neuroscientists and educators together since 1999 to explore new research on the brain and learning and its application to education. In this multi-day workshop format, participants will be able to explore specific topics in depth from some of the top experts in their field.



These summer institutes are designed to provide educators and clinicians with both an understanding of some of the latest research in how students learn and practical knowledge to bring back to their schools. No previous coursework about the brain is required.

WHAT TO EXPECT FROM THE INSTITUTES

- Knowledge about the latest neuroscience findings on the brain and learning
- Strategies to improve instruction and intervention through brain science
- Group discussions and hands-on activities for a more in-depth experience
- Handouts and readings to help you better understand your students
- New ideas to immediately take back to your school or classroom
- Limited enrollment for more personalized interaction with faculty

EARN PROFESSIONAL DEVELOPMENT CREDIT

Earn 20 hours toward professional development credit for educators, psychologists and certified counselors. Access LearningAndTheBrain.com for more information on the availability of professional development credit, or call 781-449-4010 x102.

ROOM AND BOARD

Interaction between faculty and participants outside the classroom is an integral part of the Institutes. To foster this total immersion learning environment, participants are housed in the same facility with their own rooms. Selected meals are provided. Please check LearningAndTheBrain.com for details on the individual Institute's facilities and meal schedule. All facilities are ADA compliant.

LOCATIONS FOR SUMMER INSTITUTES:

JULY 15-18, 2014 (The Power of Mindsets)

Sheraton Boston Hotel, Boston, MA

JULY 21-25, 2014 (Neuroscience and Classroom Engagement)

University of California, Santa Barbara Campus, Santa Barbara, CA

JULY 22-25, 2014 (The Neuroscience of Reading)

MIT Campus and Le Meridien Cambridge-MIT, Cambridge, MA

JULY 28-AUGUST 1, 2014 (Neuroscience and Executive Skills)

University of California, Santa Barbara Campus, Santa Barbara, CA

Please check LearningAndTheBrain.com for directions.

SUMMER INSTITUTE REGISTRATION OR REGISTER ONLINE AT LEARNINGANDTHEBRAIN.COM

Five ways to register: **Phone:** (781) 449-4010 ext.101 or 102 **Email:** registration@LearningAndTheBrain.com
Fax: (781) 449-4024 **Postal mail:** PIRI • 35 Highland Circle, 1st Fl. Needham, MA 02494-3099
Web: LearningAndTheBrain.com

PLEASE PHOTOCOPY THIS FORM FOR EACH APPLICANT.
*Required (Don't abbreviate)

*Full Name	*Position/Title
*School/Organization	
*Address	
*City	*State/Province
*ZIP/Postal Code	*Country
*Phone	Fax
*E-mail	

DEMAND IS HIGH AND SPACE IS LIMITED TO 40 PARTICIPANTS. PLEASE REGISTER EARLY.

Please register me for the following Summer Institute: \$ _____

- The Power of Mindsets - BOSTON, MA** (July 15-18, 2014) \$2,195 per person (housing and selected meals included)
- Neuroscience and Classroom Engagement - SANTA BARBARA, CA** (July 21-25, 2014) \$1,895 per person (housing and selected meals included)
- The Neuroscience of Reading - CAMBRIDGE, MA** (July 22-25, 2014) \$2,195 per person (housing and selected meals included)
- Neuroscience and Executive Skills - SANTA BARBARA, CA** (July 28 - August 1, 2014) \$1,895 per person (housing and selected meals included)

Save with Group Rates (Three or more from one organization submitted together). Please call for details.

Please Sign Me Up for Professional Development Credit* \$ _____

- Please send certificate via email (FREE).
- Please send certificate via USPS (Add \$5 for shipping & handling).

* For further information on credit, visit LearningAndTheBrain.com, or call (781) 449-4010 ext. 102.

GRAND TOTAL: \$ _____

PAYMENT METHOD Check enclosed Purchase Order enclosed Credit Card (Circle one: VISA MC AMEX)

Credit Card Number: _____ Exp: _____

Cardholder Name: _____

Cardholder Billing Address: _____ ZIP: _____

Cardholder Signature: _____ Date: _____

Make check or purchase order payable to **Public Information Resources, Inc. (PIRI)**, and mail it along with your registration form to:
PIRI, 35 Highland Circle, 1st floor, Needham, MA 02494-3099.

P.O.s will be invoiced if sent without a check and must be paid prior to conference. **Registrations without payment or purchase order will not be confirmed.** All prices are in U.S. dollars.

- Please check here if you have any special ADA requirements, and call (781) 449-4010 ext.101.**

REGISTRATION POLICIES

Registrations are taken and confirmed, on a first-come, first-served basis according to receipt of full payment or purchase order. **Unpaid registrations without a purchase order will be canceled after 30 days. If you do not receive a confirmation within three weeks after sending full payment or purchase order, call (781) 449-4010 ext. 101 or 102.**

SUBSTITUTIONS AND CANCELLATIONS

Substitutions are permissible up to seven days before the conference, but you must notify PIRI in writing by fax or mail. Cancellations must be requested no later than May 31, 2014. Because cancellations incur substantial administrative costs, we regret that it is necessary to charge a cancellation fee of \$250 per person if you cancel before May 31. Because there are a limited number of spaces in the workshop, if you cancel after May 31, 2014, there will only be a refund (minus a \$250 cancellation fee) if an additional person registers for that same space. Cancellations must be sent in writing to PIRI at: 35 Highland Circle, First Floor, Needham, MA 02494-3099 or faxed to PIRI at (781) 449-4024. PIRI has the option of canceling a summer institute with full refund if there is not a minimum of 15 attendees registered by May 31, 2014.

INSTITUTE PROGRAM CHANGES AND RESPONSIBILITY

Public Information Resources, Inc. (PIRI) reserves the right, without having to refund any monies to participants, to make changes in the program, schedule, location and/or faculty should PIRI, in its sole discretion, deem any such changes necessary or advisable. Similarly, PIRI further reserves the right to cancel any summer institute entirely, in which case PIRI's liability to participants shall be strictly limited to a refund of those fees. PIRI, the Cooperating Organizations and Sponsors are not responsible for (nor do they necessarily endorse) the efficacy, accuracy, or content of any recommendations, statements, research, or other information provided at the summer institutes.

LEARNING & the BRAIN® SUMMER INSTITUTES

Intensive Workshops for Prek through University Educators and Clinicians

THE POWER OF MINDSETS

July 15-18, 2014 • Boston, MA

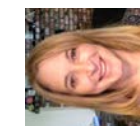
Workshop Leader: Robert Brooks, PhD



NEUROSCIENCE AND CLASSROOM ENGAGEMENT

July 21-25, 2014 • Santa Barbara, CA

Workshop Leader: Judy A. Willis, MD, MEd



THE NEUROSCIENCE OF READING

July 22-25, 2014 • Cambridge, MA

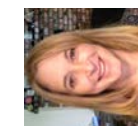
Workshop Leader: John D.E. Gabrieli, PhD



NEUROSCIENCE AND EXECUTIVE SKILLS

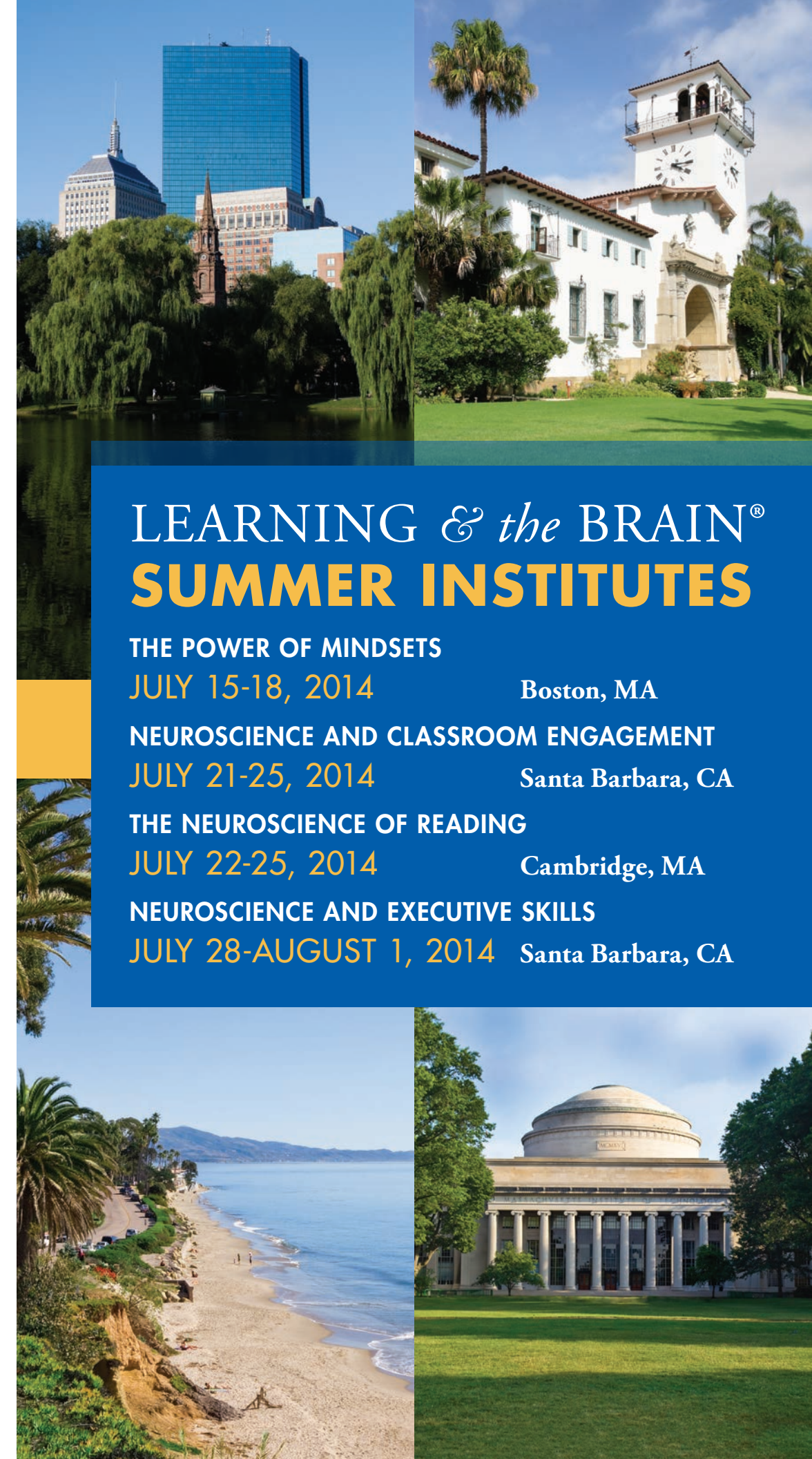
July 28-August 1, 2014 • Santa Barbara, CA

Workshop Leader: Judy A. Willis, MD, MEd



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LEARNING & the BRAIN® SUMMER INSTITUTES

THE POWER OF MINDSETS

JULY 15-18, 2014

Boston, MA

NEUROSCIENCE AND CLASSROOM ENGAGEMENT

JULY 21-25, 2014

Santa Barbara, CA

THE NEUROSCIENCE OF READING

JULY 22-25, 2014

Cambridge, MA

NEUROSCIENCE AND EXECUTIVE SKILLS

JULY 28-AUGUST 1, 2014

Santa Barbara, CA

THE POWER OF MINDSETS:

Promoting Positive School Climates and Motivation in Students

JULY 15-18, 2014 • BOSTON, MA

This Institute will examine the concepts of student engagement, motivation and resilience through the lens of “mindsets.” An understanding of the relationship among these concepts will allow participants to design and implement strategies that help to create a positive school climate. The mindsets of effective learners and effective educators will be identified. Techniques for lessening burnout will be described. Lectures and case examples will be used to facilitate discussion of the various concepts and arrive at realistic, practical interventions for reinforcing a “motivating environment” in the school setting. The Institute is designed to be an intense, hands-on workshop and is limited to 40 participants.



LEARNING OBJECTIVES

At this institute, you will learn to:

- Reinforce student engagement, intrinsic motivation and a positive school climate
- Nurture the ability of students to cope with stress and become more resilient
- Strengthen empathy and empathic communication
- Empower students to develop an increasing sense of ownership and responsibility for their own education
- Minimize and change the “negative scripts” that exist in the school environment
- Reinforce student caring and lessen bullying
- Become “stress hardy” and lessen feelings of disillusionment and burnout

WHO SHOULD ATTEND

This seminar will be applicable for PreK-12 teachers, administrators, school psychologists, school clinicians and education and psychology professors.

INSTITUTE ROOM AND BOARD

Room and selected meals are included. Participants are housed at the Sheraton Boston Hotel, the site of the Institute, where they will get their own room. The Sheraton Boston Hotel is located in the Prudential Center next to Boston's historic Back Bay neighborhood.

WORKSHOP LEADER



Robert Brooks, PhD, is a psychologist on the faculty of [Harvard Medical School](#) and former Director of the Department of Psychology at McLean Hospital, a private psychiatric facility. His first position at McLean was as principal of the school in the locked door unit of the child and adolescent program. He has lectured nationally and internationally and written extensively about the themes of school climate, motivation, family relationships, education, resilience and achieving balance in our personal and professional lives.

He is the author or co-author of 15 books including *Raising a Self-Disciplined Child* (2009), *Understanding and Managing Children's Classroom Behavior* (2007), *Handbook of Resilience in Children* (2006) and *The Power of Resilience* (2004).

NEUROSCIENCE AND CLASSROOM ENGAGEMENT: Strategies for Maximizing Students' Attention, Focus and Potential

JULY 21-25, 2014 • SANTA BARBARA, CA

This Institute will focus on the applications of neuroscience research to teaching and learning and examine ways to maximize and maintain student attention, focus and cognition. Brain imaging studies and cognitive neuroscience are providing a clearer picture of how individuals respond to sensory stimuli and perform cognitive tasks, which has allowed for a better understanding of the brain's neural systems and how they relate to focus, learning and creative problem solving. Through lectures and facilitated discussion, participants will explore neurological approaches for understanding and meeting the diverse academic, social and emotional needs of students. The Institute is hands-on and is limited to 40 participants.



LEARNING OBJECTIVES

At this institute, you will learn to:

- Examine ways to maximize and maintain student attention and focus
- Teach students at all grade levels about their brains to empower their learning
- Decrease the fear of mistakes to increase student and class participation
- Increase encoding and mental manipulation for memory retrieval and retention
- Employ brain-friendly strategies to advance student achievement and problem solving
- Use advances in neuroscience research to ignite student motivation and engagement
- Apply the benefits of the video game model, such as reaching individual challenge levels and self-recognition of incremental progress, to increase student motivation, effort and perseverance

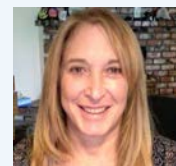
WHO SHOULD ATTEND

This seminar will be applicable for PreK-12 teachers, administrators, school psychologists, school clinicians and education and college professors.

INSTITUTE ROOM AND BOARD

Room and selected meals are included. Participants are housed on the campus of the [University of California, Santa Barbara](#). The housing provided are individual rooms in undergraduate dormitory accommodations, steps from the Pacific Ocean and next to the Institute location.

WORKSHOP LEADER



Judy A. Willis, MD, MEd, is an Adjunct Lecturer, Graduate School of Education, [University of California, Santa Barbara](#), a neurologist and credentialed teacher. She has combined her training in neuroscience and neuroimaging with her teacher education training and years of classroom experience.

Dr. Willis has authored 6 books including *Research-Based Strategies to Ignite Student Learning* (2006) and *Learning to Love Math* (2010). She is also a staff blogger at Edutopia, ASCD and *Psychology Today* and gives presentations and workshops around the world.

THE NEUROSCIENCE OF READING: Using Research to Understand Reading Acquisition and Disorders

JULY 22-25, 2014 • CAMBRIDGE, MA

This Institute will review what is currently known about the brain basis of reading ability and disability. Neuroimaging has revealed how plasticity in the child's brain supports learning to read, and how differences in brain structure and function are associated with reading disabilities, such as dyslexia. You will examine how neuroscience knowledge may be translated into educational policies and practices in relation to topics such as diagnosis, prognosis, early identification of children at risk for dyslexia, and identification of children who will or will not benefit from a specific kind of intervention. Participants will also observe real, live neuroimaging measures including functional magnetic resonance imaging (fMRI). The Institute is designed to be an intense, hands-on workshop with group projects and therefore is limited to 40 participants.



LEARNING OBJECTIVES

At this institute, you will learn to:

- Become proficient in understanding the brain basis of typical reading acquisition and reading disorders, such as dyslexia
- Delve deeper into recent advances in understanding the psychological basis of reading difficulty
- Interpret education neuroscience results and understand how neuroimaging tools work
- Use neuroscience research to help predict reading outcomes and the response to interventions
- Recognize how reading acquisition and disorders differ across languages
- Evaluate the relevance of neuroscience research for students and teachers and how to be a critical consumer of neuroscience regarding the reading brain

WHO SHOULD ATTEND

This seminar will be applicable for PreK-12 teachers, reading specialists, administrators, school psychologists, school clinicians and education and college professors.

INSTITUTE ROOM AND BOARD

Room and selected meals are included. Participants are housed in a hotel, Le Meridien Cambridge-MIT, where they will get their own room. Le Meridien Cambridge-MIT is located adjacent to the [MIT](#) campus, the site for this Institute.

WORKSHOP LEADER



John D.E. Gabrieli, PhD, is a neuroscientist at the Massachusetts Institute of Technology and a faculty member of the McGovern Institute for Brain Research. He is a faculty member in the Department of Brain and Cognitive Sciences and Director of the Martinos Imaging Center at [MIT](#) and a Member of the Faculty of Education at the [Harvard Graduate School of Education](#). Dr. Gabrieli is an expert on the brain mechanisms of human cognition, including memory, thought and emotion and uses brain imaging to understand the brain basis of reading and reading disorders.

Joanna A. Christodoulou, EdD will be the co-leader of this Institute. She is an Assistant Professor at the [MGH Institute of Health Professions](#) and Research Affiliate at [MIT](#).

NEUROSCIENCE AND EXECUTIVE SKILLS: Strategies for Executive Functions, Memory and Classroom Learning

JULY 28-AUGUST 1, 2014 • SANTA BARBARA, CA

This Institute will focus on the most recent advances in neuroscience research and theory and how they correlate to potential classroom applications in areas of executive function and memory consolidation. Topics covered will include the dopamine-reward circuit, reduction of cognitive workload to improve working memory, formative assessments, feedback, metacognition, increasing cognitive reserve, promoting transferable knowledge and creativity and improving student-constructed learning with inquiry and project-based learning. The increasing promise for stimulating neural networks to develop executive functions from early childhood through adulthood will be discussed along with implications for education. The Institute is hands-on and is limited to 40 participants.



LEARNING OBJECTIVES

At this institute, you will learn to:

- Evaluate the executive functions from the perspectives of neuroscience
- Stimulate the developing neural networks of executive functions in learners of all ages
- Use information gained from formative and summative assessments to enhance learning for students and instructional success for teachers
- Guide students to use and build skills of metacognition and long-term memory formation
- Promote multisensory learning experiences that benefit all brains and learning
- Connect neuroscience research to planning student-constructed and project-based learning that develops understanding and long-term, transferable concept memory

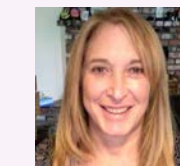
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Please visit www.LearningAndTheBrain.com for schedules & more information.