

*Learning & the Brain Conference
Schedule-at-a-Glance*

**Friday, November 19
Pre-Conference Workshops**

| | <i>Best Brain Practice & Instructional Design:</i> | <i>Memory & Learning</i> | <i>Teaching to the Teen Brain</i> | <i>Executive Function</i> | <i>Dyslexia & the Brain</i> | <i>Neuroscience 101</i> |
|--|--|--|---|--|---|--|
| Workshops 8:30 AM to 12:40 PM | Part I: 8:30 – 10:30 AM <i>Designing Teaching and Constructing Learning: Instructional Design for the Learning Brain</i> Kevin Washburn, EdD | Part I & II: 8:30 AM – 12:40 PM <i>A Neuro-Psychology Perspective on Memory and Classroom Learning</i> George McCloskey, PhD | Part I: 8:30 – 11:30 AM <i>Creating a Powerful Brain-Friendly Learning System for Teenagers</i> Ronald J. Fitzgerald, EdD Part II: 11:40 AM – 12:40 PM <i>Teaching Teens in the Age of Distraction</i> Thomas J. Cottle, PhD | Part I: 8:30 – 11:00 AM <i>Building the Eight Pillars of Capable Young Minds</i> Adam J. Cox, PhD Part II: 11:10 AM – 12:40 PM <i>Transforming Executive Function Potential into Classroom Achievement</i> Sucheta A. Kamath, MA, CCC-SLP | Part I & II: 8:30 AM – 12:40 PM <i>Dyslexia: Connecting Reading, Education and Cognitive Neuroscience</i> John D.E. Gabrieli, PhD Joanna A. Christodoulou, PhD | Part I & II: 8:30 AM – 12:40 PM <i>The New Frontier of the Brain and Learning</i> John J. Stein, PhD |
| Location: Marriott Cambridge Hotel | Part II: 10:40 AM – 12:40 PM <i>Best Practices: Preparing the Mind for Eventual Assessment</i> Jeb Schenck, PhD | | | | | |
| | Room: | Room: | Room: | Room: | Room: | Room: |

12:40 PM – 1:30 PM Lunch Break (On Your Own)

Friday, November 19 – Conference Day 1

Opening Keynote Addresses: *Healthy Brains, Struggling Learners & School Reform*

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| 1:30 PM | Welcome Remarks: Kenneth Kosik, MD, The Neuroscience Research Institute, UCSB. |
| 1:30 PM to 3:00 PM | Keynote Part I: <i>Brain Health and the Interface with Education</i> Paul D. Nussbaum, PhD Room: Grand Ballroom |
| 3:00 PM – 3:30 PM Coffee Break and Book Signing | |
| 3:30 PM to 4:30 PM | Keynote Part II: <i>Rethinking Learning Disabilities: Implications of a Developmental Framework for Special Education and Education Reform</i> Deborah P. Waber, PhD Room: Grand Ballroom |
| 4:30 PM to 5:30 PM | Keynote Part III: <i>The Brain is a Terrible Thing to Waste: Making Schools Worthy of Our Children</i> Paul D. Houston, EdD Room: Grand Ballroom |
| 5:30 PM – 6:30 PM Dana Alliance “Meeting of the Minds” Reception and Book Signing | |

Schedule-at-a-Glance

Saturday, November 20 – Conference Day 2

Morning Keynote Addresses: *The New Science of Learning & Teaching*

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| 8:30 AM | Welcome Remarks: Kurt W. Fischer, PhD, MBE Program, Harvard Graduate School of Education |
| 8:45 AM to 9:45 AM | Keynote Part I: <i>Building Mind, Brain and Education Connections</i> Donna J. Coch, EdD Room: Grand Ballroom |
| 9:45 AM – 10:15 AM Networking Coffee Break and Poster Sessions | |
| 10:15AM to 11:15AM | Keynote Part II: <i>Education and Neuroscience: Potential, Myths and Practical Application</i> Paul Howard-Jones, PhD Room: Grand Ballroom |
| 11:15AM to 12:30PM | Keynote Part III: <i>How the Brain Learns: Translating Brain Research into Classroom Practice</i> David A. Sousa, EdD Room: Grand Ballroom |
| 12:30 PM – 1:45 PM Lunch Break (On Your Own), Poster Sessions and Book Signing | |

Afternoon Concurrent Sessions A

| | Improving Instruction & Learning | Struggling Learners: Reading/Math | The Impact of Early Learning Environments | Teaching & Reaching Teen Brains | Effects of Lifestyle on Achievement | Testing and Academic Assessments |
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| A Sessions 1:45 PM to 5:30 PM | Part I: 1:45 –2:45 PM <i>Educating the Brain: Lessons from the Latest Brain Imaging</i> John D.E. Gabrieli, PhD | Part I: 1:45–3:00 PM <i>Learning, Reading, and Math Interventions: Applications of PASS Theory</i> Jack A. Naglieri, PhD | Part I: 1:45–2:45 PM <i>Temperament: How Biology and Environment Shape Children’s Achievement & Psychopathology</i> Jerome Kagan, PhD | Part I: 1:45–3:15 PM <i>Teaching and Reaching the Teenage Brain</i> Sheryl G. Feinstein, EdD | Part I: 1:45–3:00 PM <i>Memory and the Brain: Lifestyles and Life-Long Learning</i> Kenneth S. Kosik, MD | Part I: 1:45–2:45 PM <i>High-Stakes Testing and Motivation from a Self-Determination Theory Perspective</i> Richard M. Ryan, PhD |
| Breaks: (various times) 2:45 PM to 3:30 PM | Part II: 3:00–4:15 PM <i>The New Science of Teaching: Understanding Mind and Brain</i> Tracey Tokuhama-Espinosa, PhD | Part II: 3:15–4:30 PM <i>How the Special Needs Brain Learns: Math and Reading Difficulties</i> David A. Sousa, EdD | Part II: 3:00–4:15 PM <i>Brain Research, Early Learning Environments, and No Child Left Behind</i> Stephen P. Rushton, PhD | Part II: 3:30–4:45 PM <i>Teen Brains, Memory & Testing</i> Jeb Schenck, PhD | Part II: 3:15–4:30 PM <i>Fit Brains: Benefits of Exercise on Cognition, Memory and Achievement</i> Charles H. Hillman, PhD | Part II: 3:00–4:30 PM <i>Redesigning Assessments: Making Testing a Natural Part of Learning</i> Kurt W. Fischer, PhD |
| | Part III: 4:15–5:30 PM <i>Connecting the Brain, Emotions, Relationships to Teaching</i> Mary Helen Immordino-Yang, EdD Room: | Part III: 4:30–5:30 PM <i>Applying Brain Science to Literacy, Reading and Math Disorders</i> James P. Byrnes, PhD Room: | Part III: 4:15–5:30 PM <i>Home Environments: Effects of Parent Involvement and Poverty on Achievement</i> Eric Dearing, PhD Room: | Part III: 4:45–5:30 PM <i>Teaching & Empowering Teens</i> Joe Shrand, MD, Erich Engelhardt, MA Room: | Part III: 4:30–5:30 PM <i>The Effects of Children’s Fitness/Obesity on Test Scores & Achievement</i> Virginia R. Chomitz, PhD Room: | Part III: 4:30–5:30 PM <i>Ed. Technology, Learning Styles & the Brain: Possibilities for Assessment</i> David A. Singer, EdD Room: |

Schedule-at-a-Glance

Sunday, November 21 – Conference Day 3

Morning Keynote Addresses: Education, Environments & Assessments

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| 8:30 AM | Welcome Remarks: Mariale Hardiman, EdD , Neuro-Education Initiative, Johns Hopkins School of Education |
| 8:30 AM to 9:30AM | Keynote Part I: <i>Schools of the Future: The New Science of Learning Environments, Education and Creativity</i> R. Keith Sawyer, PhD Room: Grand Ballroom |
| 9:30 AM – 9:45 AM Coffee Break and Book Signing | |
| 9:45AM to 11:15AM | Keynote Part II: <i>Performance vs. Learning: The Cost of Overemphasizing Achievement</i> Alfie Kohn Room: Grand Ballroom |
| 11:15AM to 12:45PM | Keynote Part III: <i>The Truth About Intelligence and Achievement Tests: What They Measure and What They Should Measure</i> Jack A. Naglieri, PhD Room: Grand Ballroom |
| 12:45 PM – 1:45 PM Lunch Break (On Your Own) and Book Signing | |

Afternoon Concurrent Sessions B

| | Improving Instruction & Learning | Struggling Learners and Assessments | The Impact of Stressful Environments | Teaching Bilingual/Multi-lingual Minds | Effects of Teen Lifestyle and Sleep on Achievement | Reading, Behavior and Assessment |
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| B Sessions 1:45 PM to 5:00 PM Breaks: (various times) 2:45 PM to 3:30 PM | Part I: 1:45–2:45 PM <i>Lost in Translation?: From the Lab to the School and College Classroom and Back</i> David B. Daniel, PhD | Part I: 1:45–3:00 PM <i>Revealing Minds: Tactics for Identifying Learning Strengths and Weaknesses</i> Craig Pohlman, PhD | Part I: 1:45–2:45 PM <i>Impact of Toxic Stress and Abuse on Brain Development and Learning</i> Charles A. Nelson III, PhD | Part I: 1:45–3:15 PM <i>Raising and Teaching Multilingual Minds</i> Tracey Tokuhama-Espinosa, PhD | Part I: 1:45–2:45 PM <i>Sleep and Teen Lifestyles: Their Impact on Academic Achievement</i> Mary A. Carskadon, PhD | Part I: 1:45–3:30 PM <i>Neuropsychology of Reading Assessment and Intervention</i> George McCloskey, PhD |
| | Part II: 3:00–5:00 PM <i>Brain-Targeted Teaching in a Climate of High-Stakes Testing</i> Mariale M. Hardiman, EdD | Part II: 3:15–4:45 PM <i>Designing Accessible Assessments for Students with Disabilities</i> Stephen N. Elliott, PhD | Part II: 3:00–4:00 PM <i>De-Stressing Students for Success: Stress on Children’s Brains</i> Pierrich Plusquellec, PhD | Part II: 3:30–4:45 PM <i>Raising and Teaching a Bilingual Child</i> Naomi J. Steiner, MD | Part II: 3:00–4:00 PM <i>Sleepiness in the Classroom: Strategies to Reduce the High Cost of Inadequate Sleep in Adolescents</i> Judith A. Owens, MD, MPH | Part II: 3:45–5:00 PM <i>The Brain-Behavior Puzzle: Connecting the Pieces in Language and Reading Disorders</i> Maria Mody, PhD |
| | Room: | Panel Discussion 4:45–5:00 PM Room: | Part III: 4:00–5:00 PM <i>How Social Disparities and Stress Shape Learning</i> Margaret Sheridan, PhD Room: | Panel Discussion 4:45–5:00 PM Room: | Part III: 4:00–5:00 PM <i>Optimizing the Benefits of Sleep on Learning and Memory</i> Rebecca M. Spencer, PhD Room: | Room: |