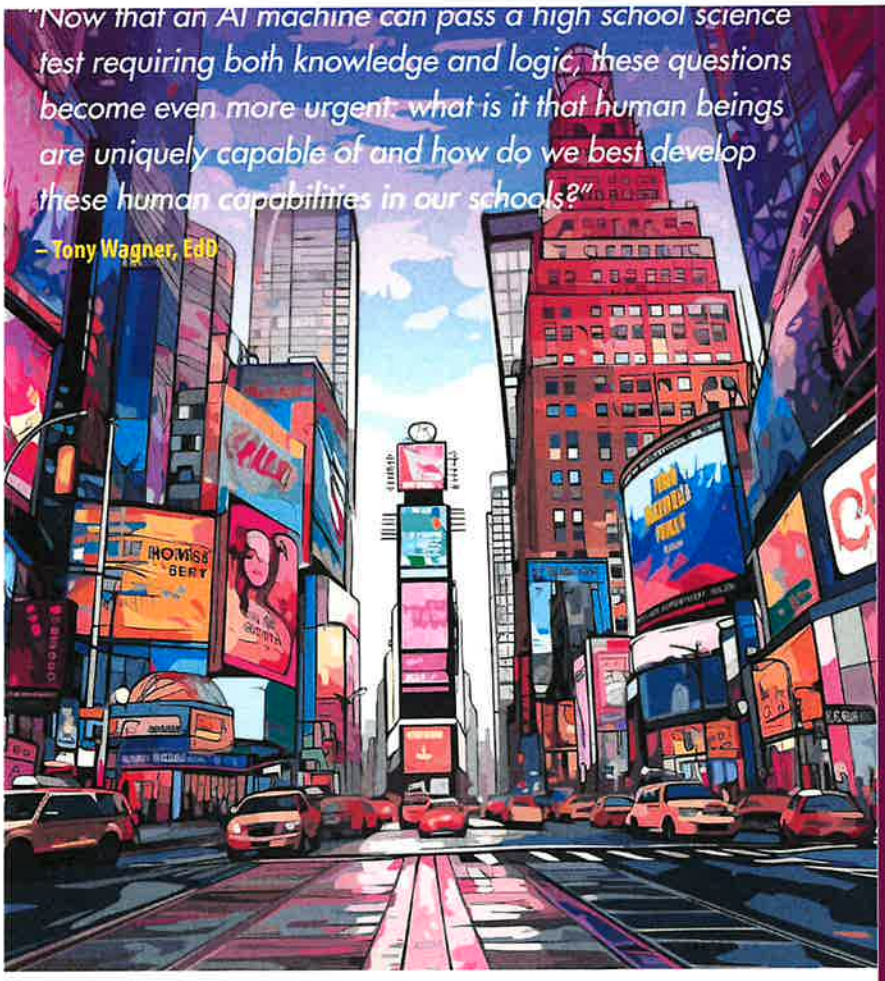

SPRING *HYBRID* LEARNING *& the* BRAIN® CONFERENCE

FUTURE-READY BRAINS:

TEACHING STUDENTS TO THINK, CREATE, INNOVATE, LEARN, AND ADAPT FOR AN ANXIOUS, AI AGE

AT THE SHERATON NEW YORK TIMES SQUARE HOTEL, NEW YORK, NY OR VIRTUALLY FROM YOUR HOME

APRIL 18-20, 2024

Pre-Conference Workshops: Thursday, April 18

Early Registration Discount Deadline: March 8

CONFERENCE PROGRAM TOPICS

WITH A DISTINGUISHED FACULTY

1) FUTURE-READY BRAINS: PREPARING STUDENTS FOR AN UNCERTAIN FUTURE

Featured: Learning for Uncertainty

Yong Zhao, PhD, Foundation Distinguished Professor, School of Education, University of Kansas; Professorial Fellow, Mitchell Institute for Health and Education Policy, Victoria University; Professor in Educational Leadership, Melbourne Graduate School of Education; Author, *Learners Without Borders: New Learning Pathways for All Students* (2021); Co-Author, *Learning for Uncertainty: Teaching Students How to Thrive in a Rapidly Evolving World* (2022)

Featured: Tomorrow's Glasses: Preparing Students for the Future

Jeffrey (Matt) Miller, MEd, Teacher, North Central Parke Schools; Founder, "Ditch That Textbook" Blog; Author, *AI for Educators: Learning Strategies, Teacher Efficiencies, and a Vision for an Artificial Intelligence Future* (2023), *Do More With Google Classroom* (2020), and *Tech Like a PIRATE: Using Classroom Technology to Create an Experience and Make Learning Memorable* (2020); Co-Author, *DON'T Ditch That Tech: Differentiated Instruction in a Digital World* (2019)

Featured: Co-Intelligence in Class: The Future of Education in a World of AI

Ethan R. Mollick, PhD, Ralph J. Roberts Distinguished Faculty Scholar; Associate Professor of Management; Academic Director, Wharton Interactive, Wharton School of Business, University of Pennsylvania; Author, *Co-Intelligence: Living and Working With AI* (Forthcoming); Co-Author, "Using AI to Implement Effective Teaching Strategies in Classrooms: Five Strategies, Including Prompts" (2023, *Wharton School Research Paper*) and "Assigning AI: Seven Approaches for Students, With Prompts" (2023, *arXiv*)

What Will It Take to Create the Education We Need for a Future We Can't Predict?

Thomas C. Hatch, PhD, Professor of Education, Columbia University; Director, National Center for Restructuring Education, Schools, and Teaching; Former Senior Scholar at the Carnegie Foundation for the Advancement of Teaching; Author, *The Education We Need for a Future We Can't Predict* (2021) and *Managing to Change: How Schools Can Survive (and Sometimes Thrive) in Turbulent Times* (2009)

Preparing Children for Success in School and Life

Marcia L. Tate, EdD, Chief Executive Officer, Developing Minds, Inc.; Former Executive Director of Professional Development, DeKalb County School System; Author, *Healthy Teachers, Happy Classrooms: Twelve Brain-Based Principles to Avoid Burnout, Increase Optimism, and Support Physical Well-Being* (2022), *Preparing Children for Success in School and Life* (2022, 2nd Edition), and *Worksheets Don't Grow Dendrites* (2015)

Future Driven: Helping Students Thrive in an Unpredictable World

David Geurin, EdD, Superintendent of Schools, Fair Play R-II School District; Adjunct Professor, School of Education, Regent University; Blogger, the "@DavidGeurin" Blog; Named the 2017 "Digital Principal of the Year" by the National Association of Secondary School Principals; Former Principal of Bolivar High School; Author, *Future Driven: Will Your Students Thrive in an Unpredictable World?* (2017)

2) SMART BRAINS: INTELLIGENCE & TEACHING TO THINK IN AN AI WORLD

Featured: How to Teach Thinking Skills in an AI World

Daniel T. Willingham, PhD, Professor, Department of Psychology, University of Virginia; Member, National Board for Education Sciences; Writer, "Ask the Cognitive Scientist" Column, *American Educator*; Author, *Outsmart Your Brain: Why Learning Is Hard and How You Can Make It Easy* (2023), *Why Don't Students Like School?* (2021, 2nd Edition), and "How to Teach Critical Thinking" (2019, *Education: Future Frontiers*)

Featured: The World Becomes What We Teach: Educating a Generation of Critical, Creative, and Ethical Thinkers

Zoe Weil, MA, MTS, Co-Founder and President, Institute for Humane Education; Author, *The Solutionary Way* (Forthcoming), *The World Becomes What We Teach: Educating a Generation of Solutionaries* (2021), *Most Good, Least Harm: A Simple Principle for a Better World and Meaningful Life* (2009), *The Power and Promise of Humane Education* (2004), and *Above All, Be Kind* (2003)

Featured: Don't Worry, Be a Critical Thinker: The Urgent Case for Prioritizing AI (Actual Intellect)

Colin Seale, JD, Educator; Attorney; Founder and CEO, ThinkLaw, multi-award-winning organization to help educators leverage inquiry-based instructional strategies to close the critical thinking gap and ensure they teach and reach all students; Author, *Tangible Equity* (2022) and *Thinking Like a Lawyer: A Framework for Teaching Critical Thinking to All Students* (2020)

How Artificial Intelligence Becomes Evolutionary Intelligence

W. Russell Neuman, PhD, Professor of Media Technology, Steinhardt School of Culture, Education, and Human Development, New York University; Research Professor, Institute for Social Research, University of Michigan; Author, *Evolutionary Intelligence: How Technology Will Make Us Smarter* (2023) and *The Digital Difference: Media Technology and the Theory of Communication Effects* (2016)

Rethinking Intelligence and Human Potential in an Age of AI

Catherine Bliss, PhD, Associate Professor of Sociology, Rutgers University; Author, *Rethinking Intelligence: A Radical New Understanding of Our Human Potential* (2023), "AI Can't Teach Children to Learn: What's Missing?" (2023, *The Washington Post*), "DNA Tests for Intelligence Ignore the Real Reasons Why Kids Succeed or Fail" (2019, *Leaps*), and *Social by Nature: The Promise and Peril of Sociogenomics* (2018)

CONFERENCE BEGINS AT 12:00 PM
ON THURSDAY, APRIL 18, 2024
All times are Eastern Daylight Time

3) CREATIVE BRAINS: TEACHING TO CREATE & INNOVATE FOR THE FUTURE

Featured: Education for Innovation in an Automated AI Era

Tony Wagner, EdD, Senior Research Fellow, Learning Policy Institute, Stanford University; Former Expert in Residence, Harvard Innovation Lab, Harvard University; Author, *Mastery: The Future of Learning in Schools and the Workplace* (Forthcoming), *Creating Innovators: The Making of Young People Who Will Change the World* (2012), and *The Global Achievement Gap* (2014); Co-Author, *Most Likely to Succeed: Preparing Our Kids for the Innovation Era* (2015)

Featured: The Creative Classroom

R. Keith Sawyer, PhD, Morgan Distinguished Professor of Educational Innovations, University of North Carolina at Chapel Hill; Author, *Cambridge Handbook of the Learning Sciences* (2022, 3rd Edition), *The Creative Classroom: Innovative Teaching for 21st-Century Learners* (2019), *Group Genius* (2017), and *Explaining Creativity: The Science of Human Innovation* (2012)

The Neuroscience of Creative Imagination: Implications for the AI Age

Anna G. Abraham, PhD, E. Paul Torrance Professor, Department of Educational Psychology; Director, Torrance Center for Creativity and Talent Development; Director, Creativity and Imagination Lab; Faculty Fellow, Institute for Artificial Intelligence; University of Georgia; Editor, *Cambridge Elements in Creativity and Imagination* (2020); Author, *The Creative Brain: Myths and Truths* (Forthcoming), "The Ingredients of the Creative Mind" (2021, *American Journal of Psychology*), and *The Neuroscience of Creativity* (2018)

Creativity: Research Informing Teaching Practice

Jonathan A. Plucker, PhD, Professor; Associate Dean for Faculty Affairs, Johns Hopkins School of Education; Formerly served as the Julian C. Stanley Endowed Professor of Talent Development, Johns Hopkins University; Co-Author, *A Perspective on K-12 AI Education* (2022, *Technology & Innovation*), *Excellence Gaps in Education* (2016), and *Intelligence 101* (2013); Co-Editor, *Creativity and Innovation* (2021, 2nd Edition)

Teaching the Future Creative

Cyndi Burnett, EdD, Vice-President, Curiosity 2 Create; Co-Founder, Creative Thinking Network; Former Associate Professor, International Center for Studies in Creativity, SUNY Buffalo State University; Co-Author, *Weaving Creativity Into Every Strand of Your Curriculum* (2015); Co-Editor, *Big Questions in Creativity* (2014); and **Matthew Worwood, PhD**, Associate Director of Digital Media & Design, University of Connecticut; Blogger, DadsforCreativity.com; Co-Hosts of the "Fueling Creativity in Education" Podcast

4) NEURODIVERSE MINDS: OUR UNIQUE BRAINS IN AN AGE OF AUTOMATION

Featured: Insights Into a Bright Mind: Nurturing Neurodiverse Brains With Creativity and Mindfulness for Resilience in an Uncertain, AI Age

Nicole A. Tetreault, PhD, Founder, Awesome Neuroscience; Professor, Bridges Graduate School of Cognitive Diversity in Education; Author, *Insights Into a Bright Mind: A Neuroscientist's Personal Stories of Unique Thinking* (2021); Co-Author, "High Intelligence: A Risk Factor for Psychological and Physiological Overexcitabilities" (2018, *Intelligence*)

Featured: The Pattern Seekers: How Autism Drives Human Invention

Simon Baron-Cohen, PhD, Professor, Departments of Psychology and Psychiatry, University of Cambridge; Fellow, Trinity College; Director, Autism Research Centre; Author, *The Pattern Seekers: How Autism Drives Human Invention* (2020) and *Autism and Asperger Syndrome: The Facts* (2008); Co-Author, *Understanding Other Minds* (2013)

Unique: The New Science of Human Individuality in an Automated World

David J. Linden, PhD, Professor, Solomon H. Snyder Department of Neuroscience, Johns Hopkins School of Medicine; Fellow, American Association for the Advancement of Science; Author, *Unique: The New Science of Human Individuality* (2020), *Think Tank: Forty Neuroscientists Explore the Biological Roots of Human Experience* (2018), and *Touch: The Science of the Hand, Heart, and Mind* (2015)

Neurodiversity and Creativity: Nurturing Every Child's Unique Brain

Benjamin N. Powers, DBA, Director, Global Literacy Hub, Child Study Center, Yale School of Medicine; Senior Scientist, Haskins Laboratories; Executive Director, The Southport School; Executive Director, The Dyslexia Foundation; Co-Author, "What Comes After the Lemonade Stand? Fueling Self-Efficacy and Intentions in Our Next Generation of Entrepreneurs" (2017, *The Conversation*)

CONFERENCE SCHEDULE:			
	Pre-Conference Workshops	Thursday, April 18	8:00 AM – 11:00 AM
	Conference Day 1	Thursday, April 18	12:00 PM – 6:00 PM
	Conference Day 2	Friday, April 19	8:00 AM – 6:00 PM
	Conference Day 3	Saturday, April 20	8:30 AM – 3:00 PM

5) RESILIENT BRAINS: CURIOUS & ADAPTABLE KIDS FOR AN ANXIOUS AGE

Featured: The Science of Student Potential: Promoting Resilience, Creativity, and Curiosity for an Anxious Age

Scott Barry Kaufman, PhD, Founder/Director, Center for Human Potential; Former Adjunct Associate Professor, Columbia University; Host of the "The Psychology Podcast", with over 30 million downloads; Author, *Transcend* (2020), *Twice Exceptional* (2018), and *Ungifted: Intelligence Redefined* (2015); Co-Author, *Learned Helplessness* (2020), *Choose Growth: A Workbook for Transcending Trauma, Fear, and Self-Doubt* (2022), and *Wired to Create: Unraveling the Mysteries of the Creative Mind* (2016)

Featured: Unleashing Curiosity: The Hidden Mechanism for Future Success

Todd B. Kashdan, PhD, Professor of Psychology, George Mason University; Director, Well-Being Laboratory; Awarded 2013 "Distinguished Early Career Researcher" Award by the American Psychological Association; Author, *The Art of Insubordination* (2022), *The Upside of Your Darkside* (2017), and *Curious? Discover the Missing Ingredient to a Fulfilling Life* (2009); Co-Author, "The Five Dimensions of Curiosity" (2018, *Harvard Business Review*)

Uncertainty in the Brain: The Power of Curiosity and Exploration in Attention and Learning

Jacqueline P. Gottlieb, PhD, Professor of Neuroscience, Mortimer B. Zuckerman Mind Brain Behavior Institute; Member, Kavli Institute for Brain Science, Columbia University; Co-Author, "Humans Monitor Learning Progress in Curiosity-Driven Exploration" (2021, *Nature Communications Biology*) and "Curiosity, Information Demand, and Attentional Priority" (2020, *Current Opinion in Behavioral Sciences*)

Building Psychological Flexibility: Harnessing Strengths in an Anxious World

Todd B. Kashdan, PhD, Professor of Psychology, George Mason University; Director, Well-Being Laboratory; Author, *The Art of Insubordination* (2022) and *The Upside of Your Darkside* (2017); Co-Author, "Understanding Psychological Flexibility: A Multimethod Exploration of Pursuing Valued Goals Despite the Presence of Distress" (2020, *Psychological Assessment*) and "Meaning in Life Buffers the Impact of Experiential Avoidance on Anxiety" (2020, *Contextual Behavioral Science*)

Stress Impairs the Prefrontal Cortex: Strategies to Protect Cognition and Top-Down Control

Amy F.T. Arnsten, PhD, Albert E. Kent Professor of Neuroscience; Professor of Psychology; Member, Kavli Institute of Neuroscience, Yale School of Medicine; Co-Author, "The Aversive Lens: Stress Effects on the Prefrontal-Cingulate Cortical Pathways That Regulate Emotion" (2022, *Neuroscience & Biobehavioral Reviews*) and "Chronic Stress Weakens Connectivity in the Prefrontal Cortex: Architectural and Molecular Changes" (2021, *Chronic Stress*)

6) DIGITAL BRAINS: TEACHING LEARNING & LITERACY FOR AN AI AGE

Featured: Your Brain on Tech: Coding as the Literacy of the Future

Chantel S. Prat, PhD, Professor of Psychology, Neuroscience, and Linguistics, University of Washington; Researcher, Cognitive and Cortical Dynamics Laboratory; Investigator, Center for Cognitive Brain Imaging; Author, *The Neuroscience of You: How Every Brain Is Different and How to Understand Yours* (2022); Co-Author, "Programmers Show Distinct, Language-Like Brain Responses to Violations in Form and Meaning When Reading Code" (2023, *Research Square*)

The AI Era: Benefits and Perils in Education and Society

Jay J. Van Bavel, PhD, Director, Social Identity and Morality Lab; Associate Professor of Psychology and Neural Science, New York University; Co-Author, *The Power of Us: Harnessing Our Shared Identities to Improve Performance, Increase Cooperation, and Promote Social Harmony* (2021) and "The Imperative of Interpretable Machines" (2019, *Nature Machine Intelligence*)

Learning in an AI Age

A.J. Juliani, MS, Founder, Adaptable Learning; Director, Learning and Innovation; Instructor, UPenn Graduate School of Education; Author, *Adaptable: How to Create an Adaptable Curriculum and Flexible Learning Experiences That Work in Any Environment* (2021), *Learning by Choice* (2015), and *Inquiry and Innovation in the Classroom* (2014); Co-Author, *Empower: What Happens When Students Own Their Learning* (2017)

AI in Education: How ChatGPT Can Improve Planning, Instruction, and Productivity

Monica Burns, EdD, EdTech and Curriculum Consultant; Apple Distinguished Educator; Founder of ClassTechTips.com and Blog; Host of the "Easy EdTech" Podcast; Author, *Using AI Chatbots to Enhance Planning and Instruction* (2023), *EdTech Essentials: The Top 10 Technology Strategies for All Learning Environment* (2021), and *Tasks Before Apps* (2017)

AI in Education: Minimizing the Damage and Maximizing the Benefits

Dylan A. R. Wiliam, PhD, Consultant; Professor Emeritus of Educational Assessment, Institute of Education, University of London; Former Dean and Head of the School of Education, King's College London; Author, *Creating the Schools Our Children Need* (2018); Co-Author, "The Future of AI in Education: 13 Things We Can Do to Minimize the Damage" (2023, *EdArXiv*)

Creating a Love of Reading in the Digital, AI Age

Monica Burns, EdD, EdTech and Curriculum Consultant; Apple Distinguished Educator; Founder of ClassTechTips.com and Blog; Host of the "Easy EdTech" Podcast; Co-Author, *EdTech Essentials* (2023), *Engaging Students to Read All Types of Text* (2020), and *Taming the Wild Text: Literacy Strategies for Today's Readers* (2017)

For a complete list of speakers, go to ***LearningAndTheBrain.com****. Follow us on Twitter, Facebook, and Instagram.*

PRE-CONFERENCE WORKSHOPS (More In-Depth and Hands-on)

THURSDAY, APRIL 18 8:00 AM – 11:00 AM

Cost per person: $189. By advance registration only. Select one of six. Add $30 if not also attending the conference.

1. Teaching and AI: AI for Educators Workshop

Artificial intelligence is here -- in our phones, in our homes, and even in our classrooms. How will it impact teaching and learning? What should we do, and what should we avoid? In this workshop, you will get information on what AI is and its implications for the classroom. You will get practical ideas for using it to save time and level up learning. You will gain a perspective on academic integrity, cheating, and plagiarism in an AI-integrated world. Matt Miller will provide a glimpse at the future, identifying where education is going so that you can start to adjust now. You will leave equipped with the information, ideas, and confidence you need to start adjusting your teaching and know that you're just as valuable as ever in the AI age. **Jeffrey (Matt) Miller, MEd**, Teacher, North Central Parke Schools; Author, *AI for Educators: Learning Strategies, Teacher Efficiencies, and a Vision for an Artificial Intelligence Future* (2023)

2. Adaptable: Creating a Flexible Curriculum in an Age of Constant Change

In an era where change is the only constant, this workshop offers a deep dive into the art and science of creating flexible curriculums. This talk is tailored for educators, curriculum developers, and academic leaders who face the relentless challenge of keeping educational content relevant, engaging, and effective amidst rapid technological advancements and shifting societal needs. You will explore the critical need for adaptability in educational settings and delve into the evolving landscape of learning and teaching. You will leave equipped with innovative strategies to foster a curriculum that not only responds to change but anticipates and embraces it. **A.J. Juliani, MS**, Founder, Adaptable Learning; Director, Learning and Innovation; Instructor, UPenn Graduate School of Education; Author, *Adaptable: How to Create an Adaptable Curriculum and Flexible Learning Experiences That Work in Any Environment* (2021)

3. Empowering Teachers: Infusing Creativity into the Classroom

Join this dynamic and engaging workshop and dive into the world of creativity and its significance in education. Discover the power of modeling creativity through the core four: curiosity, openness, risk-taking, and embracing challenges. Learn how to foster a classroom environment that nurtures creativity and discover effective strategies to infuse creative thinking into your teaching. Leave with practical and easy-to-implement techniques that will immediately transform your classroom. Don't miss out on this opportunity to unlock the full potential of your students. **Katie Trowbridge, EdD**, CEO and President, Curiosity 2 Create; Co-Founder, Creative Thinking Network; and **Cyndi Burnett, EdD**, Vice-President, Curiosity 2 Create; Co-Founder, Creative Thinking Network; Co-Host of the "Fueling Creativity in Education" Podcast; Former Associate Professor, International Center for Studies in Creativity, SUNY Buffalo State University; Co-Author, *Weaving Creativity Into Every Strand of Your Curriculum* (2015); Co-Editor, *Big Questions in Creativity* (2014)

4. Differentiating UP: Teaching Strategies for Gifted, Talented, Advanced Learners

Struggling to find "the right fit" for your gifted/talented/advanced (GTA) level students? Join this highly interactive workshop on enriching, enhancing, and extending your core curriculum to differentiate up. Not only will you learn how to challenge your GTA students, but you also learn how to provide opportunities for all your students to unlock their potential. Dr. Richard M. Cash will bring forward vast experience as a teacher, curriculum specialist, and consultant in the field of gifted education, so you will gain numerous ideas on differentiating UP (Unlocking Potential). **Richard M. Cash, EdD**, International Speaker; Educator; Consultant; Former Director of Gifted Programs; Co-Author, *Differentiation for Gifted Learners: Going Beyond the Basics* (2013)

5. Healthy Teachers, Happy Classrooms: Twelve Brain-Based Principles to Avoid Burnout, Increase Optimism, and Support Physical Well-Being

Many teachers are simply and understandably burning out. In this engaging workshop, based on the book, *Healthy Teachers, Happy Classrooms*, you will not only learn how to restore your passion for teaching, but also how to adapt. You will continue to be actively engaged as you explore additional principles that contribute to teacher wellness. These same principles will be applied to creating academic success for students in a classroom where teaching and learning are joyous experiences. **Marcia L. Tate, EdD**, Chief Executive Officer, Developing Minds, Inc.; Author, *Healthy Teachers, Happy Classrooms: Twelve Brain-Based Principles to Avoid Burnout, Increase Optimism, and Support Physical Well-Being* (2022), *Preparing Children for Success in School and Life* (2022, 2nd Edition), and *100 Brain-Friendly Lessons for Unforgettable Teaching and Learning* (2019)

6. Teaching Reading: Fostering Critical Thinking and Comprehension (K-5)

It's settled science: developing skilled readers can enhance students' lives. This workshop focuses on strategies to develop skilled readers by examining two critical aspects: word recognition and language comprehension. Word recognition includes strands such as phonological awareness, sight word recognition, and a systematic approach to phonics and decoding. Language comprehension includes strands such as vocabulary, morphological awareness, critical thinking, and verbal reasoning. **Douglas B. Fisher, PhD**, Chair, Department of Educational Leadership, San Diego State University; Classroom Teacher, Health Sciences High and Middle College; Co-Author, *The Vocabulary Playbook: Learning Words That Matter* (2023), *Teaching Reading: A Playbook for Developing Skilled Readers Through Word Recognition and Language Comprehension* (2022), and *Comprehension: The Skill, Will, and Thrill of Reading* (2020)

SPECIAL EVENT

PRESENT A POSTER SESSION AT THE APRIL CONFERENCE

Share and present your scientific research or programs on curiosity, creativity, innovation, critical thinking, resilience, how you are using AI in the classroom, or ways that you promote the skills or potential of neurodiverse students. Submit a summary of your poster session for review to info@LearningAndTheBrain.com. Proposal deadline is March 29, 2024. For more information, visit LearningAndTheBrain.com or call 857-444-1500 x1.