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Conference plenaries feature science to practice knowledge relevant to all, while the Learning Track Workshops showcase innovation and technology in action across three key areas. The three learning tracks are:

1. **TREATMENT**
   - New Treatment Technologies for Mental Health & Substance Use Disorders
2. **AGING**
   - Brain Fitness & Healthy Aging
3. **YOUTH**
   - Brain Fitness, Youth & Learning

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**Wednesday, September 6**

- **11:00 am** Registration and Expo
  - CHERRY BLOSSOM LOBBY
- **1:00 pm** Welcome
  - CHERRY BLOSSOM BALLROOM • PAGE 6
- **1:10 pm** The Brain’s Way of Healing
  - CHERRY BLOSSOM BALLROOM • PAGE 6
- **3:10 pm** Break and Expo
  - CHERRY BLOSSOM LOBBY
- **3:30 pm** Magnetic and Electrical Brain Stimulation and Healing
  - CHERRY BLOSSOM BALLROOM • PAGE 6
- **4:15 pm** The Central Importance of Diet, Exercise and Lifestyle Choices in Brain Health
  - CHERRY BLOSSOM BALLROOM • PAGE 6
- **5:00 pm** The Distracted Mind: Ancient Brains in a High Tech World
  - CHERRY BLOSSOM BALLROOM • PAGE 7
- **5:30 pm** The Future of Brain Health and Enhancement
  - CHERRY BLOSSOM BALLROOM • PAGE 7
- **6:00 pm** Reception and Expo
  - CHERRY BLOSSOM LOBBY

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**Thursday, September 7**

- **7:30 am** Breakfast and Expo
  - CHERRY BLOSSOM LOBBY
- **8:15 am** Morning Mindful Moment
  - CHERRY BLOSSOM BALLROOM • PAGE 8
- **8:30 am** Scaling Science to Practice Innovation
  - CHERRY BLOSSOM BALLROOM • PAGE 8
- **9:20 am** Workshop 1 Learning Track Options:
  - TRACK 1: TREATMENT
    - Quality, Efficacy, Regulation and Reimbursement
    - CHERRY BLOSSOM BALLROOM • PAGE 8
  - TRACK 2: AGING
    - The Practical Application of Neuroscience Findings to Maintain Healthy Brains as We Age
    - MAGNOLIA 1 • PAGE 8
  - TRACK 3: YOUTH
    - Enhancing School Performance with Computer Brain Training and Physical Exercise
    - MAGNOLIA 2 • PAGE 11
- **10:50 am** Workshop 2 Learning Track Options:
  - TRACK 1: TREATMENT
    - Magnetic and Electrical Stimulation in Behavioral Health Treatment
    - CHERRY BLOSSOM BALLROOM • PAGE 9
  - TRACK 2: AGING
    - Preventing Cognitive Decline: Two Novel Approaches
    - MAGNOLIA 1 • PAGE 13
  - TRACK 3: YOUTH
    - Enhancing School Performance with Computer Brain Training and Physical Exercise
    - MAGNOLIA 2 • PAGE 11
- **12:00 pm** Lunch and Expo
  - CHERRY BLOSSOM LOBBY
- **12:50 pm** Workshop 3 Learning Track Options:
  - TRACK 1: TREATMENT
    - From Pharmacogenetics to Psychedelics: Promising Medication Advances
    - CHERRY BLOSSOM BALLROOM • PAGE 10
  - TRACK 2: AGING
    - Holistic and Mindful Aging
    - MAGNOLIA 2 • PAGE 11
  - TRACK 3: YOUTH
    - Enhancing School Performance with Computer Brain Training and Physical Exercise
    - MAGNOLIA 2 • PAGE 11
- **4:45 pm** Finding Resilience: Lessons from the Brain
  - CHERRY BLOSSOM BALLROOM • PAGE 13
- **5:30 pm** Adjourn
DAY 1

11:00 am  Registration and Expo
CHERRY BLOSSOM LOBBY

1:00 pm  Welcome
CHERRY BLOSSOM BALLROOM
Linda Raines, CEO, BrainFutures®

1:10 pm  The Brain’s Way of Healing
CHERRY BLOSSOM BALLROOM
Norman Doidge, MD, Psychiatrist, Psychoanalyst, Researcher and Author
Dr. Norman Doidge will keynote BrainFutures 2017, sharing remarkable discoveries and recoveries from the frontiers of neuroplasticity, the application of effective neuroplasticity-based treatments featuring case examples from his films, and practical advice for practitioners introducing the five stages of neuroplastic healing. Dr. Doidge is on faculty at the University of Toronto’s Department of Psychiatry, and Research Faculty at Columbia University’s Center for Psychoanalytic Training and Research in New York. He is the author of two New York Times Bestsellers.

3:10 pm  Break and Expo
CHERRY BLOSSOM LOBBY

3:30 pm  Magnetic and Electrical Brain Stimulation and Healing
CHERRY BLOSSOM BALLROOM
Alvaro Pascual-Leone, MD, PhD, Professor of Neurology and Director, Berenson-Allen Center for Noninvasive Brain Stimulation, Beth Israel Deaconess Medical Center, Harvard Medical School
Dr. Pascual-Leone will present an overview of neuromodulation and neurostimulation, explain the clinical use of transcranial magnetic and direct current stimulation, and share treatment applications employed at the Berenson-Allen Center for Noninvasive Brain Stimulation and the innovative programs of the Brain Fit Club.

4:15 pm  The Central Importance of Diet, Exercise and Lifestyle Choices in Brain Health
CHERRY BLOSSOM BALLROOM
John Ratey, MD, Associate Clinical Professor of Psychiatry, Harvard Medical School
Harvard psychiatrist and author of Go Wild and Spark: The Revolutionary New Science of Exercise and the Brain, Dr. Ratey will present the scientific evidence demonstrating the profound impact of exercise, diet and lifestyle choices on our health, brain performance and emotional wellbeing, and share what we can do to keep our brains healthy throughout our lives. He is the author of numerous bestselling books on brain health, attention deficit disorder and other mental health problems.

5:00 pm  The Distracted Mind: Ancient Brains in a High Tech World
CHERRY BLOSSOM BALLROOM
Adam Gazzaley, MD, PhD, Professor of Neurology, Physiology and Psychiatry, and Executive Director, Neuroscape, University of California, San Francisco
Learn the truth about multitasking and practical strategies, backed by science, to fight the distraction caused by our technology-obsessed lives. Physician and UCSF professor Adam Gazzaley is the co-author of The Distracted Mind, and Co-Founder and Chief Science Advisor of Akili Interactive Labs.

5:30 pm  The Future of Brain Health and Enhancement
CHERRY BLOSSOM BALLROOM
Alvaro Fernandez, CEO and Editor-in-Chief, SharpBrains and Member of the World Economic Forum’s Council on the Future of Human Enhancement
Hundreds of science labs and companies around the globe are researching and developing new ways to help brain owners be smarter, sharper and healthier. What explains this flurry of activity and where may it be headed? Which companies, technologies and solutions are gaining the most traction so far and what are some of the best practices for appropriate use?

6:00 pm  Reception and Expo
CHERRY BLOSSOM LOBBY

WEDNESDAY, SEPTEMBER 6

11:00 am  Registration and Expo
CHERRY BLOSSOM LOBBY

1:00 pm  Welcome
CHERRY BLOSSOM BALLROOM
Linda Raines, CEO, BrainFutures®

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CHERRY BLOSSOM BALLROOM
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6:00 pm  Reception and Expo
CHERRY BLOSSOM LOBBY
DAY 2

7:30 am  Breakfast and Expo
CHERRY BLOSSOM LOBBY

8:15 am  Morning Mindful Moment
CHERRY BLOSSOM BALLROOM
Ali Smith, Co-Founder and Executive Director, Holistic Life Foundation

8:30 am  Scaling Science to Practice Innovation
CHERRY BLOSSOM BALLROOM
Moderator: Charlie Hartwell, Operating Partner, Bridge Builders Collaborative
Kathleen Herath, RN, BSN, CRRN, Associate Vice President, Health and Productivity, Nationwide Insurance
Ofer Leidner, Co-Founder and President, Happify
John Sullivan, PsyD, CEO, Clinical Sports Consulting Services
Angel investor Charlie Hartwell teams up with Nationwide Insurance VP Kathleen Herath, NFL/NCAA sport psychologist John Sullivan and Happify President Ofer Leidner for a lively discussion of what it takes to successfully move innovation to scale.

9:20 am  Workshop 1 Learning Track Options:

<table>
<thead>
<tr>
<th>TRACK 1: TREATMENT</th>
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<tr>
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<tr>
<td>CHERRY BLOSSOM BALLROOM</td>
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<tr>
<td>Moderator and Presenter: Henry Harbin, MD, Health Care Consultant</td>
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<tr>
<td>General Peter W. Chiarelli, US Army (Retired), CEO, One Mind</td>
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<tr>
<td>Adam Gazzaley, MD, PhD, Chief Science Advisor, Akili Interactive Labs</td>
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<tr>
<td>Walter Greenleaf, PhD, Chief Science Officer, Pear Therapeutics</td>
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<tr>
<td>This session will explore the role of the FDA, other quality regulatory processes and payers in the evolution of digital treatments, featuring Akili, a company developing a consumer video game interface for treatment of ADHD, autism, depression and traumatic brain injury; and Pear Therapeutics, a company developing prescription digital therapeutics and drug/software combinations for treatment of substance use disorders, schizophrenia, PTSD and generalized anxiety disorder.</td>
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<th>TRACK 2: AGING</th>
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<tr>
<td>The Practical Application of Neuroscience Findings to Maintain Healthy Brains as We Age</td>
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<tr>
<td>MAGNOlia 1</td>
</tr>
<tr>
<td>Moderator and Presenter: Thomas R. Insel, MD, President and Co-Founder, Mindstrong Health</td>
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<tr>
<td>Sandra Bond Chapman, PhD, Founder and Chief Director, Center for BrainHealth, The University of Texas at Dallas</td>
</tr>
<tr>
<td>Michael M. Merzenich, PhD, Chief Scientific Officer, Posit Science and Professor Emeritus, University of California, San Francisco</td>
</tr>
</tbody>
</table>

Led by former NIMH Director Tom Insel, this panel, collectively representing more than 125 years of neuroscience leadership, will offer a glimpse of Dr. Insel’s bold plans at Mindstrong Health; present the impressive evidence supporting the work of 2016 Kavil Prize recipient Dr. Michael Merzenich in developing tools to reduce depression risk, improve cognition and memory, and delay the onset of dementia; and share Dr. Sandra Chapman’s groundbreaking work at the Center for BrainHealth and her audacious challenge to translate relevant applications as quickly as possible to measurably improve brain health across the lifespan and globe.

10:30 am  Break and Expo
CHERRY BLOSSOM LOBBY

10:50 am  Workshop 2 Learning Track Options:

<table>
<thead>
<tr>
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<tr>
<td>CHERRY BLOSSOM BALLROOM</td>
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<tr>
<td>Moderator: Mark Trullinger, MSc, BCN, Psychology Associate, Managing Director, NeuroThrive</td>
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<tr>
<td>Ana Maiaques, CEO, Neuroelectrics</td>
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<tr>
<td>Nicholas J. Dogris, PhD, BCN, QEEG-D, CEO and Co-Founder, NeuroField, Inc.</td>
</tr>
<tr>
<td>Neuroelectrics’ pioneering work in advancing the science and application of tDCS (transcranial direct current stimulation) to address a wide range of health conditions, including ADHD, autism and depression, will be shared. This will be followed by an in-depth presentation on the use of Neurofield’s integrated neurofeedback, electrical and magnetic stimulation devices for the treatment of a variety of behavioral health conditions, drawing on the founder and inventor’s 20 years of clinical experience.</td>
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</tr>
</tbody>
</table>

2017 BRAINFUTURES ORG 9
This session will examine two diverse innovations in the use of pharmaceutical agents.

**TRACK 2: AGING**

### Two Approaches to Cognitive Remediation

**MAGNOLIA 1**

**Moderator:** Harry Kerasidis, MD, Medical Director, Centers for Neuroscience, Sleep Disorders and Stroke, Calvert Memorial Hospital and Founder, XLNTbrain Sport

Sarah Shizuko Morimoto, PsyD, Associate Professor, Department of Psychiatry, University of Utah

**Majid Fotuhi, MD, PhD, Medical Director, NeuroGrow Brain Fitness Center**

In response to her research identifying a singular cognitive deficit that predicts non-remission with antidepressants, Dr. Shizuko Morimoto has developed a computerized cognitive remediation for older adults with depression, which alters neural circuit dysfunction and improves cognitive and affective symptoms. Dr. Majid Fotuhi is a Harvard and Hopkins trained neurologist who operates the NeuroGrow Brain Fitness Center, a pioneering neurology practice that offers a science-based program to boost memory and grow the memory parts of the brain.

**TRACK 3: YOUTH**

### Neurofeedback: An Effective Intervention for ADHD and Other Youth Disorders

**MAGNOLIA 2**

**Moderator:** Shanti Fry, BrainFutures Advisor

Laurence M. Hirshberg, PhD, Director, The NeuroDevelopment Center and Clinical Assistant Professor, Alpert Medical School, Brown University

Naomi Steiner, MD, Director of Training, Developmental Behavioral Pediatrics, Boston Medical Center, Boston University

**A licensed psychologist specializing in neurodevelopmental disorders, Dr. Laurence Hirshberg will explain neurofeedback and its use in treating ADHD and other disorders, sharing his experience as a licensed psychologist with 25 years of experience in the field. A pediatrician specializing in the treatment of children with ADHD, Dr. Naomi Steiner will present her research outcomes using attention training and neurofeedback in Boston schools.**

**12:00 pm  Lunch and Expo**

**CHERRY BLOSSOM LOBBY**

**12:50 pm  Workshop 3 Learning Track Options:**

**TRACK 1: TREATMENT**

### From Pharmacogenetics to Psychedelics: Promising Medication Advances

**CHERRY BLOSSOM BALLROOM**

**Moderator:** Stephen N. Xenakis, MD, Brigadier General, US Army, (Retired), Founder, The Center for Translational Medicine

George Carpenter IV, CEO, MYND Analytics

Jay Lombard, DO, Co-Founder, Chief Scientific Officer and Medical Director, Genomind

William A. Richards, PhD, Johns Hopkins School of Medicine

This session will examine two diverse innovations in the use of pharmaceutical agents. We will explore the promise of personalized medicine in reducing trial and error prescribing for the treatment of mental health conditions, through the innovative work of two companies using neuroimaging and genetics to improve the selection of medications for the treatment of mental health conditions. And we’ll hear from a researcher whose investigation of clinical uses for psychedelic drugs spans more than half a century. Dr. Bill Richards will share recent results of trials at the Johns Hopkins Psilocybin Research Project, which found that a single dose of medical grade psilocybin eased anxiety and depression among cancer patients for up to six months.

**TRACK 2: AGING**

### Holistic and Mindful Aging

**MAGNOLIA 1**

**Moderator:** James Gimian, President and Executive Director, Foundation for a Mindful Society

**Sarah Lenz Lock, JD, Senior Vice President for Policy, AARP and Executive Director, Global Council on Brain Health**

**Kathy Washa, Senior Advisor, Specialized Membership, AARP**

**Joel A. Kahn, MD, Chief Operating Officer and Chief Medical Officer, eMindful**

**Graeme Moffat, PhD, Vice President, Research, Scientific and Regulatory Affairs, InteraXon**

This panel will explore the five pillars of brain health, presenting AARP’s approach to holistic brain health through Staying Sharp and the Global Council on Brain Health, followed by a focused look at the use of meditation to build resiliency, reduce stress and improve productivity and quality of life. We’ll explore eMindful’s online and mobile app, and InteraXon’s Muse, a sensory headband that simplifies meditation and provides real-time feedback to your phone.

**TRACK 3: YOUTH**

### Enhancing School Performance with Computer Brain Training and Physical Exercise

**MAGNOLIA 2**

**Moderator:** Amy Kennedy, Education Director, The Kennedy Forum

**Bruce E. Wexler, MD, Professor, Yale University and Chief Scientific Officer, C8 Sciences**

**Kislya L. Johnson, Transformation Specialist, Duval County Public Schools, Jacksonville, Florida**

**Martha S. Burns, PhD, Director of Neuroscience Education, Scientific Learning**

**Jody Woodrum, EdD, Assistant Superintendent (Retired), Starkville-Oktibbeha Consolidated School District, Mississippi**

C8 Sciences’ ACTIVATE™ is an evidence-based program of computer and physical brain training exercises that improve Executive Function skills of focused attention, self-control and memory in elementary school children and show “near and far transfer effects” on formal tests of cognition and school-administered math and reading achievement tests. Use of ACTIVATE in low-performing Title 1 elementary schools will be described. Using the principles of neuroplasticity, Fast ForWord’s evidence-based computerized reading program, combined with trained educational consulting, targets the root causes of reading struggles for K-12 learners. The program remedies underlying difficulties that keep struggling readers and English language learners from making progress.
2:00 pm  Transforming Health Care Through Virtual Reality  
CHERRY BLOSSOM BALLROOM  
Walter Greenleaf, PhD, Virtual Human Interaction Lab, Stanford University  
Virtual reality legend Dr. Walter Greenleaf believes VR technology will transform health care. An internationally recognized research neuroscientist and medical product developer working at Stanford University, he will address the use of VR to treat post-traumatic stress disorder, anxiety disorders, traumatic brain injury, addictions, autism, cognitive decline and other difficult problems in behavioral and physical medicine.

2:30 pm  Military Mental Health  
CHERRY BLOSSOM BALLROOM  
Moderator and Presenter: General Peter W. Chiarelli, US Army (Retired), CEO, One Mind  
Former US Representative Patrick Kennedy, Founder, The Kennedy Forum  
Marsden McGuire, MD, MBA, Acting Chief Consultant, Office of Mental Health and Suicide Prevention, US Department of Veterans Affairs  
Robert L. Koffman, MD, MPH, Captain, US Navy (Retired), Medical Director, Semper Fi Fund  
Led by retired US Army General Pete Chiarelli, this panel will explore the ongoing crisis in health services provided to our men and women in uniform.

3:20 pm  Break and Expo  
CHERRY BLOSSOM LOBBY

3:35 pm  Workshop 4 Learning Track Options:  

TRACK 1: TREATMENT

Digital Technologies for Treatment, Assessment and Health  
CHERRY BLOSSOM BALLROOM  
Moderator: Pamela Greenberg, MPP, President and CEO, Association for Behavioral Health and Wellness  
Dror Ben-Zeev, PhD, Director, mHealth for Mental Health Program, Department of Psychiatry and Behavioral Sciences, University of Washington  
Scott Cousino, CEO, myStrength, Inc.  
Sherry Dubester, MD, MS, Vice President, Behavioral Health and Clinical Programs, Anthem, Inc.  
Corrina Latham, PhD, CEO, AnthroTronix  
This panel will explore a range of digital technologies, including:  
- myStrength, a digital resource that complements medication, therapy and other forms of care, which gives users support that is affordable, accessible and devoid of the negative image that mental health care sometimes carries.

TRACK 2: AGING

Preventing Cognitive Decline: Two Novel Approaches  
MAGNOLIA 1  
Moderator: David K. Nace, MD, Chief Medical Officer, Lantern  
Michelle C. Carlson, PhD, Associate Professor of Psychology, Johns Hopkins Bloomberg School of Public Health  
Nicholas Bott, PsyD, Chief Science Officer, Neurotrack Technologies, Inc.  
Dr. Michelle Carlson’s lab integrates functional neuroimaging, mobile technologies and lifestyle approaches to delay and prevent the onset of dementia. She studied the impact of AARP Foundation’s Experience Corps, a Baltimore City older adult school volunteer program, and found benefits for both youth and older adult volunteers, who experienced mitigation or reversal of age-related brain atrophy. Nick Bott is the Chief Science Officer for Neurotrack, a company on a mission to transform the diagnosis and prevention of memory loss and related disorders like Alzheimer’s through an eye tracking assessment that identifies cognitive decline before symptoms appear.

TRACK 3: YOUTH

Advancing Strategies to Improve School Outcomes  
MAGNOLIA 2  
Moderator and Presenter: John H. Cammack, Founder, Cammack Associates  
Joe Burton, Founder and CEO, Whil Concepts, Inc.  
Peter Entwistle, PhD, Consultant, Assessment and Instruction, Pearson  
Kisya L. Johnson, Transformation Specialist, Duval County Schools, Jacksonville, Florida  
Richard Lemons, EdD, Executive Director, Connecticut Center for School Change and Instructor, Yale University  
Bruce E. Wexler, MD, Professor, Yale University and Chief Scientific Officer, CB Sciences  
The track will close with a discussion on scaling-evidence-based innovation in schools, led by angel investor John Cammack. Richard Lemons will share his perspective on challenges and effective strategies in translating scientific advances to learning environments, accompanied by innovators representing a variety of perspectives.

4:45 pm  Finding Resilience: Lessons from the Brain  
CHERRY BLOSSOM BALLROOM  
Moderator: Sheilah Kast, Host, On the Record, WYPR  
Jeff Nichols, CSCS*D, TSAC*D, Exercise Physiologist and Former Navy SEAL  
John Sullivan, PsyD, CEO, Clinical Sports Consulting Services  
Former Navy SEAL Jeff Nichols survived double digit deployments, 22 concussions and countless injuries during his 11 years of military service. Battling sleep deprivation, excruciating pain and a very stressed central nervous system, he credits Dr. John Sullivan’s science-based brain management program for providing him with a path to recovery and today is the strongest, healthiest and happiest he’s ever been.

5:30 pm  Adjourn
We extend sincere appreciation to our BrainFutures 2017 partners, presenters, sponsors, exhibitors and participants for your leadership in advancing transformational change in brain health for all.

Your support of our work has enabled BrainFutures to support 24 economically disadvantaged STEM students through the Global STEM Alliance.

Sponsored by the Aspen Brain Institute (ABI) and the New York Academy of Sciences (NYAS), the Global STEM Alliance supports the mentoring and leadership development of youth in brain science and STEM (Science, Technology, Engineering and Math) studies. The Aspen Brain Institute identifies STEM-talented students who are economically disadvantaged and provides them with a global online network of peers and mentor/scientists.

LEARN MORE AT ASPENBRAININSTITUTE.ORG • 970-920-5770

“LET’S INVEST IN A SUSTAINABLE CAUSE: OUR CHILDREN’S BRAINS.”
GREENBROOK TMS
NEUROHEALTH CENTERS
Leading provider of TMS Therapy for Depression. FDA cleared, non-invasive, non-sedating & covered by all major insurance. Helping your patients to recover from treatment-resistant depression. tmsneuro.com

IMEP
INTEGRATIVE MEMORY ENHANCEMENT PROGRAM is a research-based program for use in a workshop setting. IMEP integrates the mind/body connection to boost cognitive reserve and minimize the progression of memory loss and dementia. coauc.com/imep/

LEARNINGRX
one-on-one brain training addresses the root cause of learning struggles and improves memory, auditory/visual processing skills, logic/reasoning and processing speed. The on-site programs partner every client with a personal brain trainer who uses highly targeted, intense mental exercises to keep clients engaged and on-task. learningrx.com

MHA-NYC
Innovations in Mental Health
A partnership between MHA-NYC and MAGELLAN HEALTH provides interactive cognitive behavioral therapy programs with wrap-around telephone, text and chat supports. Visitors to the exhibit may test out the programs and Magellan’s Smart Screener, which uses an algorithm to quickly and efficiently screen and engage individuals in the most appropriate CBT program. mhaofnyc.org

MUSURION
is the interactive virtual reality platform for medical and health professionals that delivers customized simulations recreating the most challenging interpersonal interactions confronted on the job every day. mursion.com

MYBRAIN SOLUTIONS uses science and mind-body practices to Assess and Optimize the core brain processes that power our mental health and well-being. With over 50+ blue chip clients and hundreds of clinicians using our platform, we’ve been leading the charge towards stress reduction and resilience for employees and patients globally for the past 8 years. mybrainsolutions.com

MINDCOTINE is an accessible Virtual Reality treatment to help global smokers to quit their habit. It combines Mindfulness techniques with Exposure Therapy, complemented with community support, all together in a mobile platform to convey a universal tobacco cessation program. mindcotine.com

MYSWINGTH INC. is a recognized leader and one of the fastest-growing digital behavioral health companies in the US. myStrength greatly enhances traditional care models while addressing issues of cost, lack of access and stigma, to deliver mental health and well-being resources at scale. mystrength.com

NEUROCRINE BIOSCIENCES is a San Diego based biotechnology company focused on neurologic, psychiatric and endocrine related disorders. neurocrine.com

NEUROGROW BRAIN FITNESS CENTER is a neurology practice based out of Northern Virginia that provides cutting edge, science-based treatments for patients with concussions, ADHD, memory loss, and depression. neurogrow.com

NEUROSCAPE is a translational neuroscience center engaged in technology creation and scientific research to better assess and optimize brain function of both healthy and impaired individuals. neuroscape.ucsd.edu

PHOTOBIO MODULATION
SMART SCREENER is a portable, non-invasive, at-home tool that uses patented Photonic Therapy technology to help improve mood and reduce stress. LightUpYourMind.com

PEARSON’s world-class resources help people navigate challenges and make progress in their lives. Come explore computerized cognitive training with Cogmed and RehaCom, and see Q-interactive our ground breaking system for tablet assisted assessment. pearson.com/us

THOUGHT TECHNOLOGY has the clinical feedback tools to help find a solution. thoughttechnology.com

VIEILIGHT is poised at the forefront of brain photobiomodulation technology. Combining science with engineering ingenuity to develop devices that incorporate novel methods of delivering photons to the brain and inner systems. Our mission is to engineer photobiomodulation devices that are safe and effective, easy to use and affordable. vieilight.com

WHIL is the only digital wellbeing training solution for professionals, by professionals. Employees access 200+ programs and over 1,250 sessions on-demand to reduce stress, increase resiliency and improve their sleep and performance. Whil’s programs are based in science, mindfulness and positive psychology and created to address the largest stress and healthcare cost-drivers for companies. whil.com

STONERIDGE ORCHARDS™ is the retail brand of products offered by Royal Ridge Fruits & Cold Storage. Consumers will relish the all-natural ingredients in our exceptional dried fruits. Varieties include Blueberries, Montmorency Cherries, Berrymix, Peaches, Strawberries and Cranberries. stoneridgeorchards.com

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Mini-TED Talks

**DAY 1**

Afternoon Break
New Technologies in the Treatment of Mental Health
Chip Fisher, President, Fisher Wallace Laboratories

Reception
If You Can’t Measure It, You Can’t Manage It… Otherwise It’s B.S.!
Eric Gordon, Founder, CEO & Chairman, ATENIVmynd

Reception
Science-Based Mindfulness As Competitive Advantage
Joe Burton, Founder & CEO, Whil Concepts, Inc.

**DAY 2**

Morning Break
TMS Clinical Efficacy
Geoffrey Grammer, Chief Scientific Advisor, Greenbrook TMS NeuroHealth Centers

Lunch
High Tech, High Touch: Nurturing the Whole Brain
Kathryn M. Salisbury, PhD, Executive Vice President, MHA-NYC
Seth Feuerstein, MD, Chief Medical Officer, Medical & Digital Innovation, Magellan

Cooking Demonstration
Wednesday Reception & Thursday Afternoon Break

Join Chef April in the BrainFutures Expo and learn how to make brain healthy foods and snacks.

APRIL WINSLOW, MS, RDN, CEDRD
Psychiatric Registered Dietitian Nutritionist and Clinical Researcher specializing in Nutritional Neuropsychology (@AprilWinslow)

The founder of Choose to Change Nutrition Services and a former national quarterfinalist for the “Next Food Network Star,” you can watch April’s TEDx talk entitled, “Turn in at the fork,” or find numerous pictures of her culinary creations on Instagram (healingkitchen).

Book Signings

**DAY 1**

Afternoon Break

Norman Doidge
The Brain’s Way of Healing and The Brain That Changes Itself

John Ratey
Spark: The Revolutionary New Science of Exercise and the Brain

Adam Gazzaley
The Distracted Mind: Ancient Brains in a High-Tech World

John Sullivan
The Brain Always Wins: Developing Successful Mind Management

**DAY 2**

Morning Break

Alvaro Fernandez
Sharp Brains Guide to Brain Fitness

Jay Lombard
The Mind of God: Neuroscience, Faith and a Search for the Soul
The Kennedy Forum, founded by former Congressman Patrick J. Kennedy, was created to convene cutting-edge thinkers united by the potential to reform behavioral health service delivery. We promote mental health coverage through the following pillars:

- **Parity Compliance**: Ensuring Access to Care by Encouraging Full Adoption of Mental Health Parity Laws
- **Measurement-Based Care**: Demanding Better Quality and Health Outcomes
- **Integration**: Increasing Access, Lowering Costs, and Delivering Better Outcomes Through Coordinated Care
- **Technology**: Driving Collaboration to Create Better Results
- **Brain Fitness & Health**: Developing New Ways to Provide Earlier Interventions

*Stop by our exhibit or visit The Kennedy Forum website to receive complimentary copies of behavioral health resources.*

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Neurogrow Brain Fitness Center is a neurology practice located in Northern Virginia that is dedicated to providing cutting-edge, science-based, treatments for patients with memory loss, concussions, ADHD, and dizziness.

Work with one of the nation’s top neuroscience experts, Dr. Majid Fotuhi, and his team to boost your memory, sharpen your focus, and achieve your peak brain performance.

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The brain functions electrochemically and can be readily modified by electrical intervention. The Alpha-Stim AID utilizes cranial electrotherapy stimulation (CES) to deliver the only patented waveform which is clinically proven to significantly decrease anxiety and comorbid depression.

- 82% of patients reported at least a 50% reduction in anxiety and comorbid depression scores
- Safe, with no serious adverse events reported in over 35 years of clinical use
- Used as a first-line therapy, or as an adjunct to pharmacotherapy (without polypharmacy effects)

**PROVEN:** Alpha-Stim Significantly Reduces Anxiety, Insomnia, and Depression

**Fast, Safe & Proven Effective Relief Without Drugs**

- After 5 weeks of treatment, the active Alpha-Stim CES group reported an average decrease of 94% in their anxiety
- After 5 weeks of treatment, the active Alpha-Stim CES group reported an average increase of 75% in their depression
- Service Members receiving Alpha-Stim CES reported an average increase of 43 total minutes of sleep time after only 5 treatments

**REFERENCES**

ClearHealth Quality Institute (CHQI) is fostering a value-based, accountable health care system by offering innovative accreditation, compliance monitoring, and outcomes measurement programs to payors and providers.

Our team of experts is launching accreditation programs for Telemedicine, Mental Health Parity, and Health Insurance Appeals.

To learn more about CHQI, register for our fall webinar and educational series, beginning Sept. 27, by visiting www.chqi.com/education

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For therapists interested in learning how to do neurofeedback training, the courses taught by Hamlin offer scope, depth, and hands-on training. Highly recommended.”

Neurofeedback is applied neuroscience – it is a new frontier in helping innumerable people who up until now have been condemned to just make the best of feeling chronically fearful, unfocused and disengaged.”

- Bessel A. van der Kolk, MD
Medical Director, The Trauma Center at JRI
Professor of Psychiatry, Boston University School of Medicine

EEGer4™ software is used in this course.
“EEGer is the user-friendly clinical neurofeedback software that has been designed to meet the needs of therapists and their clients.”  - Sebern Fisher

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**SERVICES**
- QEEG- Brain Mapping
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The Brain Performance Institute is part of the Center for BrainHealth at The University of Texas at Dallas.

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BrainFutures®2017 connects health/behavioral health providers, older adult specialists, educators and employers with leading researchers and brain health innovators to explore the latest advances in brain fitness and treatment.

Learning Objectives
1. Understand and discuss neuroplasticity and new directions in neuroscience research focused on innovations to strengthen and restore brain health
2. Apply current and emerging scientific evidence in education and clinical practice to improve learning and treatment outcomes
3. Actively encourage brain fitness across the lifespan to improve cognition and prevent and/or mitigate mental illnesses and neurological disorders
4. Formulate a blueprint for implementing brain health programs/practices and measuring outcomes based on the real-life experiences of school, healthcare and older adult-serving systems across the country

CME Credit (Physicians)
This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of CME Outfitters, LLC and Mental Health Association of Maryland. CME Outfitters, LLC is accredited by the ACCME to provide continuing medical education for physicians.

CME Outfitters, LLC designates this live activity for a maximum of 11 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

NASW Credit (Social Workers):
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APA Credit (Psychologists):
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Psychologists: Commonwealth Educational Seminars (CES) is approved by the American Psychological Association (APA) to offer continuing education credit programs. CES maintains responsibility for this program and its content. Psychologists receive 11 hours of continuing education credit upon completing this program.

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BrainFutures 2017 is approved for 1 continuing education unit by the Johns Hopkins University School of Education.

Educators: Go to https://marylandlearninglinks.org/connect/community-groups/ and click on BrainFutures for more information.
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