



MOVING TOWARD
NEUROSCIENCE-BASED
SOCIAL WORK



PROGRAM GUIDE

Corning, California
September 21, 2018

Welcome

Thank you for participating in today's Moving Toward Neuroscience-Based Social Work conference!

We are pleased to present experts from across the United States to share information about recent efforts to integrate neuroscience research into social and human services. In addition to providing the most current information about how neuroscience is a critical component to the core of social work practice, today's speakers will share practical brain-based strategies, and effective approaches to improving interactions with children, families, and communities.

The *Moving Toward Neuroscience-Based Social Work* conference was designed to build the capacity of social work and human service professionals by sharing information about:

- The links between neuroscience research and practice
- How to use neuroscience principles to guide social work policy and practice
- The neuroscience of addiction and recovery and neuroscience-informed strategies and interventions for supporting individuals and their families exposed to substance use disorders
- How to integrate brain-based science to support children and families who have been exposed to complex and/or developmental trauma
- Ways to promote optimal client engagement — physiology of the brain to facilitate deeper levels of trust, motivation, and openness to change

We encourage your full participation by asking questions, making new connections, and visiting the Strategies Center website (www.StrategiesCenterCalifornia.org) where you can access all of today's conference materials.

Thank you again – it is with your participation that we look forward to a memorable and enriching conference!

Sincerely,

The Strategies Center Team



Conference Agenda

Time	Speaker and Topic
8:00 – 8:30 a.m.	Sign-in and networking
8:30 – 8:45 a.m.	Kathleen Shenk , Director, The Strategies Center — Welcome
8:45 – 10:30 a.m.	Tyson V. Barker, PhD — Postdoctoral Scientist, Stress Neurobiology and Prevention Lab, Prevention Science Institute, University of Oregon <ul style="list-style-type: none">• How to use (and not use) neuroscience principles to guide social work policy and practice• The negative consequences of adversity on child development (findings from neuroscience)• The neuroscience of parenting (findings and implications for parenting interventions)• Opening the black box of program evaluation
10:30 – 10:45 a.m.	Break
10:45 – 12:00 p.m.	Holly Matto, PhD, LCSW-C — Associate Professor, College of Health and Human Services Department of Social Work, George Mason University <ul style="list-style-type: none">• Neuroscience of addiction and recovery• Impact of social pain and isolation and the importance of social connections and support• Interpersonal neurobiology – addiction and relationships• The opioid epidemic and its implications for social work and child abuse prevention
12:00 – 1:00 p.m.	Networking lunch and exhibitor expo
1:00 – 1:45p.m.	Holly Matto, PhD, LCSW-C — Associate Professor, College of Health and Human Services Department of Social Work, George Mason University <ul style="list-style-type: none">• Protective factors as related to the addiction recovery process• Neuroscience-informed strategies and interventions for supporting individuals and their families exposed to substance use disorders
1:45 – 1:50 p.m.	Transitional break
1:50 – 3:45 p.m.	Laurie Ann Ellington, MA, LPC, PCC — CEO, Zero Point Leadership, Co-Founder, NeuroLeader University™, Adjunct Faculty, Maryland University, and Associate Faculty, University of Phoenix <ul style="list-style-type: none">• Integrating brain-based science to support children and families exposed to complex and/or developmental trauma• Optimal client engagement — understanding the physiology of the brain to facilitate deeper levels of trust, motivation, and openness to change• Building partnerships for success — learning what drives human behavior through the lens of neuroscience
3:45 – 4:00 p.m.	Cynthia Cook, MA — PROTECT Regional Director - Northern California, 3Strands Global Foundation <ul style="list-style-type: none">• Call to action and closing remarks

Presenter Biographies



Tyson V. Barker, PhD

Dr. Tyson Barker is a postdoctoral fellow at the Center for Translational Neuroscience at the University of Oregon and is a member of the Frontiers of Innovation (FOI) measurement and evaluation team at Harvard's Center on the Developing Child. Dr. Barker's research interests lie at the intersection of neuroscience, education, and child development. Dr. Barker began his career as an early interventionist and parent educator working on a federally funded study evaluating parent-training programs for low-resourced caregivers who have a child with autism, before pursuing extensive training in neuroscience and psychophysiology.

Dr. Barker's individual research program focuses on utilizing electroencephalogram (EEG), a noninvasive way to measure brain activity, to examine the development of self-regulation and reward processing in early childhood, and how social partners (e.g., caregivers and peers) influence developmental patterns. More recently, Dr. Barker is using EEG to understand how stress negatively impacts responsive and sensitive caregiving with the goal of using these findings to develop novel intervention strategies for caregivers facing adversity. In addition, as part of Harvard's Center for the Developing Child, Dr. Barker provides support to community organizations on program measurement and evaluation using a rapid-cycle approach to program development and evaluation for caregivers and children facing adversity. In addition, Dr. Barker spearheads aggregation of community-level intervention data to identify common components of program success (i.e., identifying what parts of a program work and why), as well as identifying moderators that influence program success (i.e., identifying who benefits most and least from a particular program).

Dr. Barker received his PhD in Human Development from the University of Maryland, MA in Special Education and Risk Studies from the University of California, Santa Barbara, and BA in Psychology from the University of California, Davis.



**Holly Matto,
PhD, LCSW-C**

Dr. Holly Matto (PhD, University of Maryland; MSW, University of Michigan) is an Associate Professor in the College of Health and Human Services Department of Social Work at George Mason University in Fairfax, Virginia. Prior to coming to Mason in 2011, Dr. Matto taught in the MSW and PhD programs at Virginia Commonwealth University School of Social Work (2000 to 2011). She has over fifteen years of research and practice experience in the field of addiction science, and has conducted treatment intervention studies with diverse clinical populations. She conducted a clinical trial with Inova Fairfax Hospital and Georgetown University's Center for Functional and Molecular Imaging that used neuroimaging technology to examine functional brain change associated with behavioral health interventions for adults with substance use disorders. She is currently working with colleagues on the prototype development of a wearable device to manage stimulus cues and reduce drug relapse by detecting neurophysiological reactivity and delivering a device-activated personalized intervention.

Presenter Biographies

Laurie is co-founder and Chief Executive Officer of Zero Point Leadership, a leading-edge neuroscience-based personal and leadership learning and development organization. She is also co-founder of NeuroLeader University, the world's first neuroscience-based online university dedicated to expanding personal and leadership greatness through science-based learning, and the co-author of *Six Steps to Unlocking Extraordinary Leadership: The Neuroscience of High Performance Leadership*. Combining research from modern neuroscience, quantum physics, stress resilience, and mindfulness, she has helped individuals, families, teams and organizations change the way they think, feel, and show up in the world.



**Laurie Ann Ellington,
MA, LPC, PCC**

Laurie has over twenty-two years of experience in coaching, consulting, leadership, facilitation, and mind/body medicine, and is a Licensed Professional Counselor with expertise developing trauma-informed systems of care. Laurie also worked in private practice, where she specialized in attachment therapy, biofeedback/neurofeedback, clinical hypnotherapy, and play therapy. She spent several years in Arizona, Maryland, and Washington, DC working in systems of care, including behavioral health, child welfare, juvenile justice, and education. Laurie has provided coaching and clinical consultation for treatment foster care, with a focus on keeping children and youth in their communities rather than in institutionalized settings.

Laurie coaches executives on how to integrate brain-based leadership into the workplace. She believes that achieving better child and family outcomes involves the integration of neuroscience research into all levels of human service systems, from the executive leadership to the front line. She is Adjunct Faculty with the Office of Personnel Management's Center for Leadership Development, where she facilitates Neuroscience of Leadership, Emotional Intelligence, Stress Resilience, and Flow programs for federal government leaders within various agencies across the continental United States. Laurie is also faculty at the Maryland University of Integrative Health, where she teaches Mindfulness, Meditation, and Health, in the Health and Wellness Coaching master's program. She is also an Associate Faculty member at the University of Phoenix, where she teaches psychology, ethics, and critical thinking.

Cynthia Cook is the PROTECT Regional Director - Northern California, 3Strands Global Foundation and the former Executive Director of Early Childhood Education and Student Support Services for Tehama County Department of Education. Prior to that, she was the Health and Disabilities Manager at Northern California Child Development, Inc. / Tehama County Head Start. She earned her Bachelor of Science in Psychology at the University of Pittsburgh and her Master of Arts in Human Development at Pacific Oaks College. She serves on the board of directors for the Poor and the Homeless in Tehama County, as well as the Drug and Alcohol Advisory Board and the Mental Health Advisory Board. As a lifelong learner, Cynthia is passionate about making Tehama County a place for making our children and families thrive.



Cynthia Cook, MA



Who We Are: The Strategies Center is a nationally recognized group of professionals providing learning and development, coaching, skills implementation, applied research, evaluation, capacity building, and leadership and management development, among other services. We have provided hands-on, real world consultation to help organizations and agencies reach their professional and service goals for more than two decades. We work hard to ensure that our clients receive the best services possible, that their funds and resources are used responsibly and effectively, and that every aspect of our services is delivered at a high level of quality.

We Envision: Improved outcomes through improved practice.

We Achieve Our Vision By: Transforming human and social services with customer-centered learning and development, capacity building, applied research, and evaluation.

Our Practice: Employs current information to create services that are research-based, people-centered, and customized to address our clients' needs. Having worked in all 58 California counties and in multiple states across the nation, we have put theory into practice in diverse cultural and geographic settings. Every service element we provide is attuned to the cultural, linguistic, and socioeconomic context in which our clients work.

6 Key Service Areas

Capacity Building: Guiding agencies, organizations, networks, and systems to next level effectiveness in program, development and implementation, operational, and cross-systems areas.

Applied Research and Evaluation: We start from where you are to develop evaluation plans, research designs, measurement strategies, analytic approaches, and reporting tailored to meet your needs.

Targeted Initiatives: Focused partnerships to maximize investments and produce meaningful social or organizational change.

Learning and Development: Offering trending and research-informed content in multiple formats including face-to-face, micro-learning, and webinars.

Design and Marketing: Sharing a fresh perspective regarding marketing, messaging, and communication through a full spectrum of graphic, visual, and web design solutions.

Event Management: Providing comprehensive planning and management services for fundraising events, convening sessions, meetings, and single and multi-day conferences and summits.

Flex Membership

What You Need When You Need It

We're now giving our consumers the ability to customize their investment in learning and development, capacity building, and applied research and evaluation by purchasing high quality services with more flexibility. It's an opportunity for organizations, agencies, networks, and coalitions to invest in long-term plans and choose what works best for them.

YOU choose the service

YOU decide the location

YOU prioritize the focus

Flex membership allows buyers to set up an account with at least \$5,000 on deposit and redeem that investment for a wide range of available services. Your bank gives the freedom to select and implement the services best benefiting your staff, organization, or collaborative. Membership ensures best price services and valuable perks available only to flex members.

For small organizations, networks, or communities, flex membership is a way to pool small investments that benefit all organizations in the member pool. Collaborative dollars can be applied regionally—for example, using a collaborative approach, 10 agencies contributing \$3,000 each to the flex membership bank can access a significant number of customized learning and development, organizational capacity building, research, evaluation, or technical assistance hours over the course of a year.

In addition to guaranteed-to-satisfy learning and development, capacity building, and applied research and evaluation services, Flex Members receive the following benefits:

- Early registration for publicly advertised events
- Free or discounted seat(s) at publicly advertised events
- Complimentary 30-minute consultation with a lead technical advisor



To discuss a Flex Membership, contact us.



Improved outcomes through
improved practice.