

Join us for the *Understanding NEAR Science: Building Self-Healing Communities* presentation!

***NEAR Science** stands for **Neurobiology, Epigenetics, ACEs, & Resilience research!**

Date & Time: May 17, 2023 8:30 am – 11:30 am

Location & Address: The Family Service Center, 715 11 N. Moorhead

Room Number: 4

Event Contact: Carolyn Strnad coordinator@claycountycollaborative.org 701-866-5461

Register Today: <https://www.eventbrite.com/e/understanding-near-science-stands-for-neurobiology-epigenetics-aces-a-tickets-619409890657>

Additional Information: Space is limited to 40. This training is free and only open to Clay County Collaborative Partners and their staff.

The Adverse Childhood Experiences (ACE) Study findings represent a paradigm shift in human understanding of the origins of physical, social, mental, and societal health and well-being. We now know that leading causes of disease and disability, learning and productivity problems, and early death have their roots in the cumulative neurodevelopmental impacts of Adverse Childhood Experiences (ACEs).

The *Understanding NEAR: Building Self-Healing Communities* presentation is presented in three sections:

- 1) Neurobiology & Epigenetics focuses on how our brains adapt to our environment during childhood & some basic concepts about related to how toxic stress can impact healthy development
- 2) Key Findings from the Adverse Childhood Experiences (ACE) study highlights some of the data from the original ACE Study
- 3) Resilience provides a framework for thinking about resilience, & focuses primarily on attachment & belonging, supporting individual capabilities, & culture, community, & spirituality as key protective systems

Addressing intergenerational and historical trauma is going to take a lot of creative solutions and approaches – so although a short presentation does not provide all the answers, the key goal of *this* presentation is to build a common language and understanding about ACEs and the related research **as a starting point**. After attending this presentation, attendees are encouraged to think about how this information could be applied within their own “sphere of influence” (family, workplace, school, community, etc.).

This presentation is brought to you by Clay County Collaborative

