

RESILIANCE

DISSERTATION DEFENSE

A PROFESSIONAL LEARNING COMMUNITY FOR Developing trauma-informed practices Using Participatory action methods

Transforming School Culture for Students with Emotional and Behavioral Disabilities **TRAUMA**

Trauma Informed Care

Jacob Campbell, LICSW

CIIS - Transformative Studies Department

Friday, March 3rd, 2023



Dr. Michael Raffanti Ed.D., JD

California Institute of Integral Studies Adjunct Senior Lecturer

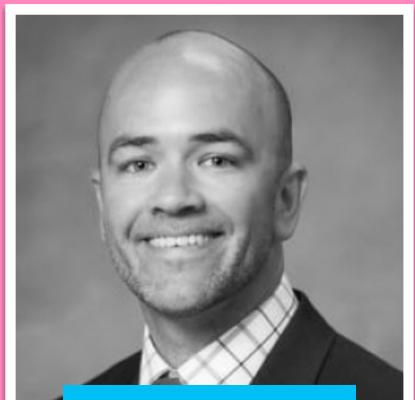
Antioch University Dean of the School of Education Director of Education Program



INTERNAL COMMITTEE **MEMBER**

Dr. Kerubo Abuya, Ph.D.

California Institute of Integral Studies Adjunct Lecturer



EXTERNAL COMMITTEE MEMBER



PH.D. CANDIDATE

Jacob Campbell, LICSW

Pasco School District EBD Program Social Worker

> Heritage University Adjunct Faculty

Dr. Doug Judge, Ph.D.

Center for High School Success Ninth Grade Success Coach





Committee members introductions Oral defense

*	Problem statement	*	Сс
*	Research question(s)		qu
*	Theoretical framework	*	Li
*	Overview of research	*	Di

Committee member responses (questions or concerns) Committee deliberation

- onnection of research uestions and activities
- mitations
- iscussion of results

PHOREMSIALEMENT The impact of trauma on students **One or more Adverse Childhood** 46.4% **Experiences (Bethell** et al., 2017, p. 1)

Increasing likelihood of emotional, mental, or behavioral conditions

(Bethell et al., 2016)

(Perfect et al., 2016; Trout et al., 2006)

Less success cognitively, academically, and socialemotional behavioral functioning

Individual trauma results from an event, series of events, or set of circumstances that is **experienced** by an individual as physically or emotionally harmful or lifethreatening and that has lasting adverse effects on the individual's functioning and mental, physical, social, emotional, or spiritual wellbeing. (p. 7, bold in original)

(Trauma and Justice Strategic Initiative, 2014, p. 7 bold in original)







Race and ethnicity

(Kincaid & Sullivan, 2017)



(Shreffler et al, 2021)



Interaction with juvenile justice

(Branson et al. 2017)

Developmental Trauma Disorder

(Van der Kolk, 2015)

Socio-economic status

(Khoury-Kassabri, 2004)

Disability

(Nicolaidis & Raymakeer., 2015)

School to prison pipeline

(Nelson et al., 2014)

PROBLEM STATEMENT The need for trauma informed practices

A program, organization, or system that is trauma-informed realizes the widespread impact of trauma and understands potential paths for recovery; recognizes the signs and symptoms of trauma in clients, families, staff, and others involved with the system; and responds by fully integrating knowledge about trauma into policies, procedures, and practices, and seeks to actively resist retraumatization (p. 9, bold included in the original text).

(Trauma and Justice Strategic Initiative, 2014, p. 9, bold in original text)

- Students who have experienced trauma need school to offer a safe and consistent environment
- **Staff should put a particular focus on** having positive interactions with the students
- ***** Teachers should implement a culturally responsive practice within their classroom that offers peer interaction and connection and uses a strengths-based approach.

(Cavanaugh, 2016)



PRUBLEM SIAIEMEN Challenges for teachers serving students with **EBD** and compassion fatigue **Emotional and Behavioral Disabilities**

There is a significant amount of psychological distress for teachers working in special education.

There is a connection teacher burnout and compassion fatigue.

(Ziaian-Ghafari and Berg, 2019)

Students with disabilities and students of color experience marginalization based on access to quality instruction, school disciplinary practices, and special education placement practices. (Scherr & Mayer, 2019)

Minority students are disproportionately identified with EBD by schools.

(Bridget et al., 2016; Tefera & Fischman, 2020)

between special education

(Hoffman et al., 2007)

Schools experience difficulty retaining special educators to serve students with EBD

(Bettini et al., 2019)

Children with special health care needs have disproportionately higher rates of ACEs compared to their non-disabled peers.

(Kan et al., 2020).





SUPPORTIVE AND SHARED LEADERSHIP





SHARED PERSONAL PRACTICES

COLLECTIVE CREATIVITY







Using a PLC to deliver professional PRUBLEMSIAIEMENI development for trauma-informed care

(Johnson, 2018)

There has been a lack of examples of it being used to support the development and implementation of a trauma-informed classroom or school setting

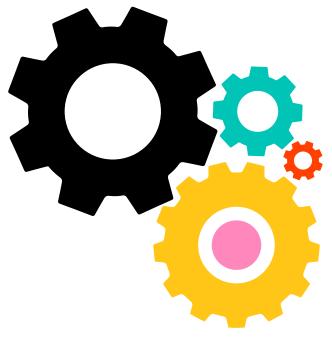
(Leonard & Woodland, 2022)

PLCs have been sidered a format to uss social-emotional rning and promote anti-racist ideals.

Reflection and being able to learn from reflective action is becoming considered integral in educational research.

(Webster-Wright, 2009, p. 722)

THEORETICAL FRAMEWORK



System Thinking The patterns that emerge from these connections can often follow archetypes that help us understand the interactions of the parts of the system.

(Stroh, 2015)

One of the intentions of Participatory Action Research is to be transformative

TRANSFORMATION PARADIGM

(Mertens, 2009)

The transformative leadership framework lets us understand that leadership can be developed through emergent processes. It also views it as paradoxical and allows for plurality in how it is embodied

(Montuori & Donnelly, 2017)



HIS INQUIRY SEEKS TO DETERMINE WHETHER A PLC FOCUSED ON TRAUMA-INFORMED CARE PRACTICES CAN CREATE CLEAR AND WORTHWHILE CHANGE FOR TEACHERS SERVING **STUDENTS WITH EBD AND SUBSEQUENTLY IMPACTING** THEIR CLASSROOMS AND SCHOOLS THROUGH A PARTICIPATORY ACTION RESEARCH METHODOLOGY

RESEARCH QUESTION

SUBQUESTIONS BEING RESEARCHED

- What do the co-researchers know about trauma and its impacts?
- What type of practices do the co-researchers already do in their classroom to limit retraumatization and increase resilience?
- What are the self-care practices of the teachers, and how do they manage secondary trauma?
- What practices can they develop together to promote change within their classrooms and schools?
- What effective systems or recommendations could the co-researchers create to help develop similar growth in other schools?



WHAT IS PARTICIPATORY ACTION ACTION RESEARCH?

PAR is a qualitative methodology that includes collaboration at all levels of the research process and an intention to address a social problem that affects an underserved community.

(Creswell et al., 2007)

Then the group cooperatively decides what actions are necessary to address the identified needs.

Participatory

Co-researchers participate in reflection on how to grapple with the target problem, both individually and collectively.

Action

During the process, the co-researchers build alliances through planning, implementation, and dissemination of the research

Research

(McIntyre, 2008)



discussing PAR, its values, tenets, principles, practices, and processes



Entry interviews:

Co-researcher voice in developing agendas and describing needs



6 Co-Researchers

3 School Social Workers 2 Behavior Interventionist Teachers **1** Para Educator

Embed in dialogues Group Book Study

Six co-designed sessions:

- * Understand how trauma impacts students
- * Limiting re-traumatization within the classroom
- * Methods for increasing resiliency factors for students
- * Engaging in self-care and burnout prevention to reduce the impact of secondary trauma
- * Evaluate and implement ideas for promoting systematic changes within a classroom and school-wide
- * Develop a tool or recommendation for how other school staff could create similar growth in other schools





School Districts

Richland's BESST Program, Kennewick's Tier II Behavior Program, and Pasco's Bridges Program

* there are about 85 schools across the three districts.



Purposive Sampling

Staff that work with students with EBD in a self-contained classroom setting.



17 staff at the elementary Level



Secondary School Buildings

12 staff at the middle school and high school levels





Orientation:

discussing PAR, its values, tenets, principles, practices, and processes



6 Co-Researchers

3 School Social Workers2 Behavior Interventionist Teachers1 Para Educator

OVERVIEW OF Study phases

Noun \()kō-ri-'sər-chər

Participants as co-researchers refers to a participatory method of research that situates participants as joint contributors and investigators to the findings of a research project. This qualitative research approach validates and privileges the experiences of participants, making them experts and therefore co-researchers and collaborators in the process of gathering and interpreting data.

(Boylorn, 2012, p. 600)



Occupation: Education: Location: Experience: Social Worker Master's in Social Work High School 8 Years of School Social Work and 5 Years Comunity Mental Health

"I like working with youth who are a challenging and a bit of a knucklehead, because I was one"

JACOB

PRIVARY RESEARCHER

"Insider action research offers a unique perspective on systems, precisely because it is from the inside." (Coghlan & Shani, 2008, p. 644)



"I love spending time with my students each day."

Location: Experience:

Occupation: Education:

Social Worker Master's in Social Work Elementary 4 Years of School Social Work

SHANIQUA

"I try to meet students where they are at."

Education: Location: Experience:

Occupation: Social Worker Master's in Social High School **3 Years of School** Social Work

LUNA

"People always tell me I should go work in resource because of my age."

ANGELICA

Location:

Behavior Intervention Occupation: Teacher Teaching Certificate in **Special Education** Education: K-3 Elementary 6 Years Teaching Behavior, 14 Years as a Experience: Para Educator

EMILY

Occupation:

Education:

Location:

Experience:

Occupation: Education: Location: Experience:

Behavior Intervention

Special Education

Elementary

"I just love working with the kids

that need the most support.

Teacher

Teaching Certificate in

7 Years Teaching Life

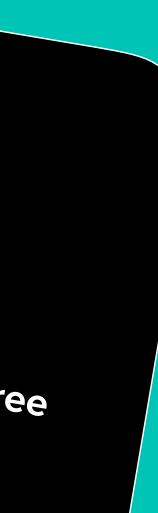
Skills, 1 year in Behavior

Para Educator Bachelor's Degree Elementary 2 Years in the **Behavior Program**

"I love the work I do at this

somethings think of it as a puzzle." MARIE







COPERATE OF AN ADVISED AND AD

View research project as learning opportunity for all

Demystify research process

Encourage community involvement in all stages of project, with increasing control





discussing PAR, its values, tenets, principles, practices, and processes



Entry interviews:

Co-researcher voice in developing agendas and describing needs



6 Co-Researchers

3 School Social Workers 2 Behavior Interventionist Teachers **1** Para Educator

Embedded in the dialogues SUUTHABES F XYYF Self-Care **Group Book** Activity Study





(Van der Kolk, 2015)

A NEW YORK TIMES BESTSELLER

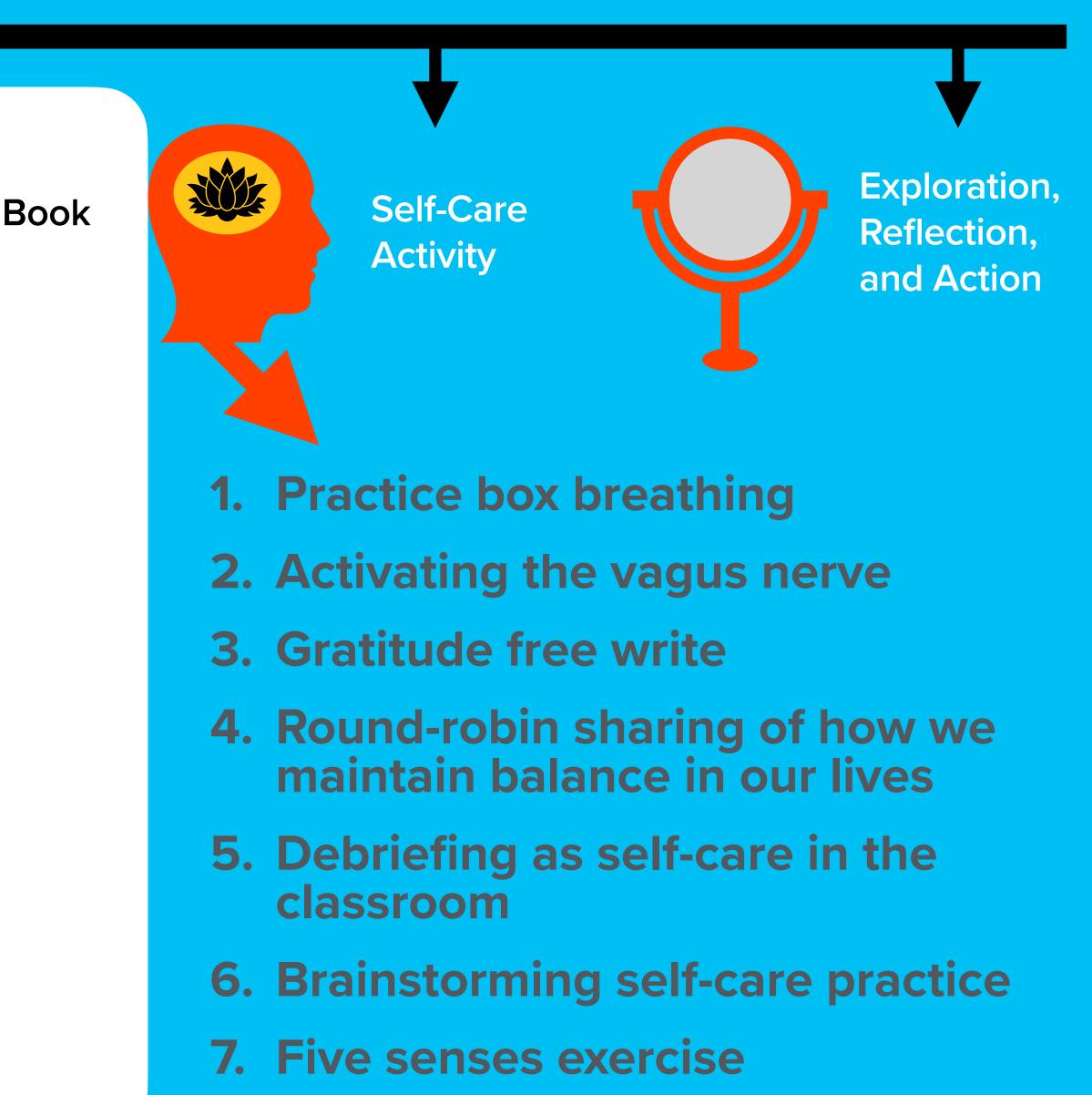
THE BODY KEEPS THE SCORE

BRAIN, MIND, AND BODY IN THE HEALING OF TRAUMA

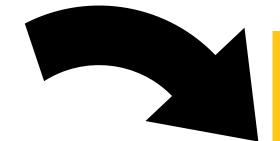


BESSEL VAN DER KOLK, M.D.

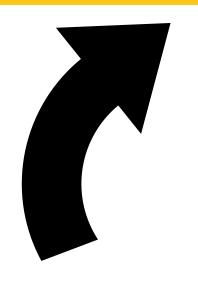
"A MASTERPIECE THAT COMBINES THE BOUNDLESS CURIOSITY OF THE SCIENTIST, THE ERUDITION OF THE SCHOLAR, AND THE PASSION OF THE TRUTH TELLER." —JUDITH HERMAN, M.D. I would prompt my co-research to share what stood out in the readings, things that inspired more in-depth consideration, or other thoughts and comments about the book.

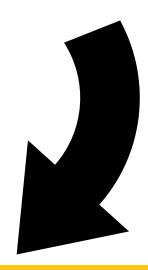


IMPLEMENTING AND REFINING SAID PLAN



QUESTIONING A PARTICULAR ISSUE





REFLECTING UPON AND INVESTIGATING THE ISSUE

(McIntyre, 2008)



DEVELOPING AN ACTION PLAN





discussing PAR, its values, tenets, principles, practices, and processes



Entry interviews:

Co-researcher voice in developing agendas and describing needs



6 Co-Researchers

3 School Social Workers 2 Behavior Interventionist Teachers **1** Para Educator

Embedded in the dialogues Self-Care Group Book Activity Study

Six co-designed sessions:

- * Understand how trauma impacts students
- * Limiting re-traumatization within the classroom
- * Methods for increasing resiliency factors for students
- * Engaging in self-care and burnout prevention to reduce the impact of secondary trauma
- * Evaluate and implement ideas for promoting systematic changes within a classroom and school-wide
- * Develop a tool or recommendation for how other school staff could create similar growth in other schools





IDEAS AND CONTENT USED DURING TRAUMA-INFORMED PLC

During the entry interviews, there were many great ideas that came up. Many were included in the agenda for the session.



Rational When Not Included

- Based on other content, we would be reviewing
- Based on the emergent nature of the group and following the group's conversation

DATA ANALYSIS

Data Collected Included Session Notes

Agendas, notes that were taken during the session (both handwritten/typed), information from collaborative tools (e.g., Google Docs and Chat on Zoom), my reflections after the session, and information added after the session through the process of refining and processing the session notes for completeness

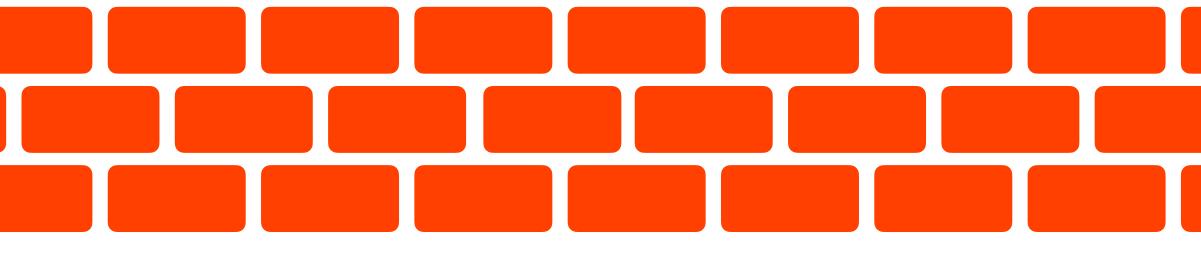
Data Analysis Included

Processing notes and calling out themes and organizational structures as I found them. I added highlights and comments to organize information. Added information to a mind map to see it visually and assist in finding connections.

SUPPORT GROUP USING MUTUAL AID

FOUNDATIONAL ASPECTS OF THE TRAUMA-INFORMED PLC

INTERDISCIPLINARY WORKING GROUP





SUPPORT **GROUP USING MUTUAL AID**

"I don't have a place that I feel comfortable"

— Angelica

"It's like a support group"

- Shaniqua

Emily added that this group has been a positive outlet to address things and be around people with the "same mindset."

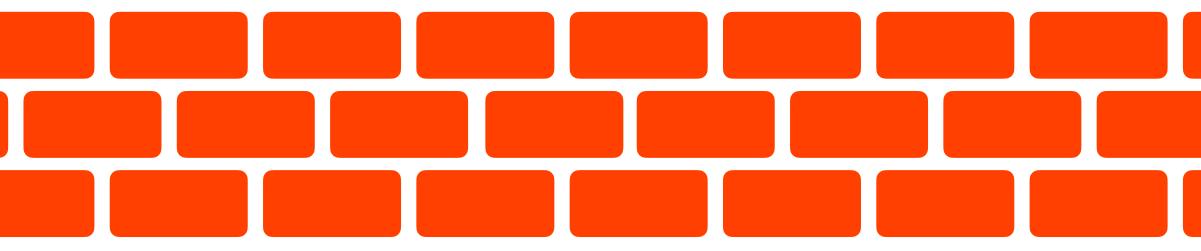
THE TRAUMA-INFORMED PLC

Roles of a Facilitator in a Support Grope from Kurtz (2017)

- A facilitated the group

- Group engages in consulting, linking, and supporting

- Maintaining helping factors that include promoting feelings of similarity, acceptance, and support





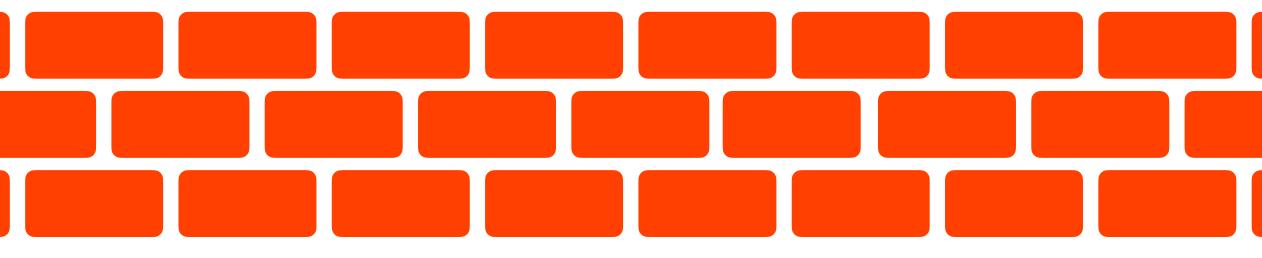


"As a social worker, I..."

Or

"As a teacher I..."

Emily described, "I like hearing other people's perspectives on things, just to hear what others do in the same field." Later in talking about the social workers in the group, she explained it has been really "eye-opening" to hear the social worker side, "it's just been fascinating learning more about trauma and those types of things."



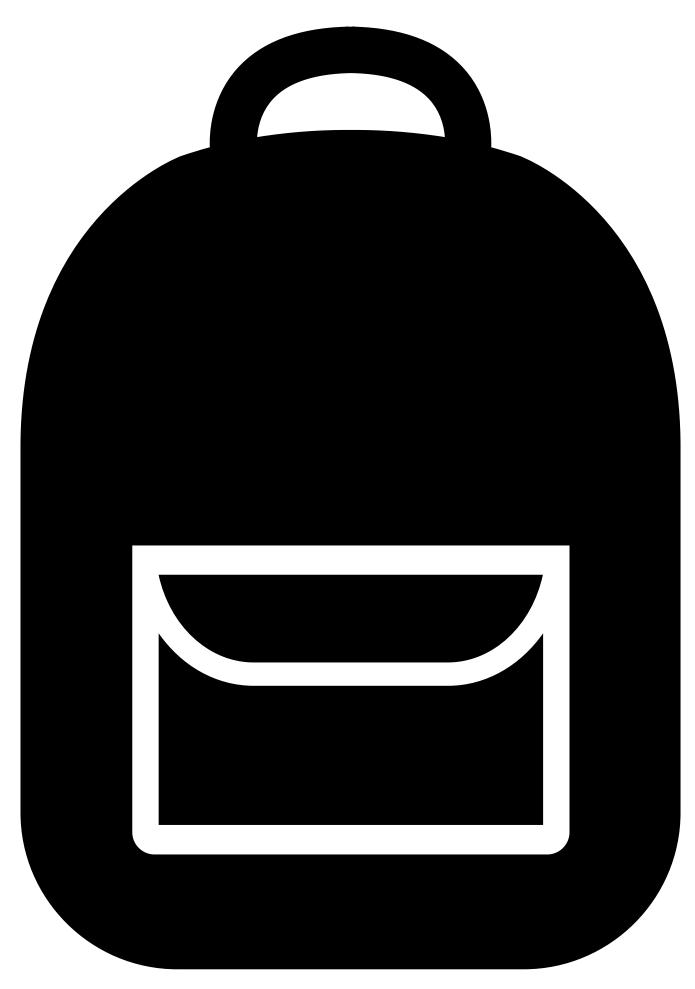
INTERDISCIPLINARY **WORKING GROUP**

"Interdisciplinary brings about the reciprocal interaction between (hence "inter") disciplines, necessitating a blurring of disciplinary boundaries, in order to generate new common methodologies, perspectives, knowledge, or even new disciplines" (Choi & Pak, 2006, p. 395)

HETRAUMA-NEORVEDPC



FARNING STRATEGIES **Cohesion Developing and Meaning Making**



Sharing practical examples Developing working definitions Identifying aspects of concepts **Sharing personal challenges**

EARNING STRATEGIES Idea Generation and Brainstorming

Using a related field to translate strategies to a K-12 setting **Developing a list of ideas for implementation Discovering new and novel ideas**

This is my **Bad Day** Shirt



LEARNING STRATEGIES Professional Socialization Through Sharing Process and Protocols



Sharing innovative or creative strategies Specific ideas \rightarrow Generalized Applications

Reviewing skills, values, professional identity, and attitudes that makeup professional socialization

(Miller, 2010)

WHAT DO THE CO-RESEARCHERS KNOW ABOUT TRAUMA AND ITS IMPACTS?

- We framed our discussion regarding trauma and its impacts considering the ten ACEs first described by Felitti et al. (1998) and using the list of types of trauma from the National Child Traumatic Stress Network (n.d.).
- As a PLC, we co-defined trauma as a topic and explored the impacts that we have seen from our students and our personal lives.
- We explored our experiences working with students or clients with diverse traumatic histories.
- We generated ideas on how somebody might experience the types of traumas and how it appeared to impact them in their lives at home and school.



WHAT TYPE OF PRACTICES DO THE CO-RESEARCHERS ALREADY DO IN THEIR CLASSROOM TO LIMIT RE-TRAUMATIZATION AND INCREASE RESILIENCE?

- The co-researchers frequently shared examples of their engagement with students and practices used in their classrooms.
- We made meaning through the development of working definitions of re-traumatization and resilience.
- We developed a framework for understanding resilience that relates it to internal versus external resiliency factors.
- We built on the Center for Substance Abuse Treatment (2014), and the strategies recommended to build resilience by counselors as we drafted examples of how they could be adapted to a school setting.



WHAT ARE THE SELF-CARE PRACTICES OF THE TEACHERS, AND HOW DO THEY MANAGE SECONDARY TRAIMA?

- Each session, the co-researchers engaged in a self-care practice to develop our skills and repertoire in self-care practices.
- We considered our personal experience with secondary trauma using the ProQOL (Hudnall Stamm, 2010).
- We used idea generation to reflect on new and novel ideas for self-care practices. The structure of the group, acting as a type of support group using mutual aid practices, offered support in managing compassion fatigue.

WHAT PRACTICES CAN THEY DEVELOP TOGETHER TO PROMOTE CHANGE WITHIN THEIR CLASSROOMS AND SCHOOLS?

- The co-researchers used the group as a space to discuss individual practices and work within our classrooms and schools.
- This process led to a type of socialization, developing practice improvements.
- We would reflect on these practices and share their application.
- Often there would be plans made for making changes in our settings and following up about those plans or implementation afterward to continue refining our practice.

WHAT EFFECTIVE SYSTEMS OR RECOMMENDATIONS COULD THE CO-Researchers create to help develop similar growth in other schools?

- We discussed the need for a practical cookbook-style guide that school personnel could use to develop their own Trauma-Informed PLC.
- The group members shared their desires to continue having a space to meet with and talk with fellow peers and people who work in their specific field of practice to continue to develop and improve their practice skills.
- They all reported being interested in continuing the work we began in the Trauma-Informed Care PLC the following school year.
- We developed specific recommendations for how schools can prevent secondary traumatization by structuring our proposals based on Center for Substance Abuse Treatment (2014) list of recommendations for behavioral health centers, adapting the strategies to what would make sense in a school-based setting.



Study was exploratory The group composition Not focused on external measures or processes **Potential for ambiguity and misunderstanding Does not evaluate implementation or programs**



MANAGING WITH A BROKEN WAND

"it is like my wand is broken."

— Shaniqua

"I got a little bit of my, we are going to change the world back"

— Luna

"I think I'm just burnt out from life. I think that it is bleeding into work."

- Marie

"I could call one of you guys and say, Hey, this is happening. I need to talk about this. I mean, I would feel like I could do that at this point."



Engage in the Process of Reviewing Practice Together for Development

Use Idea Generation Develop New and Novel Ideas

> Use Storytelling to Make Meaning and **Develop Cohesion**

Define Concepts as a Group to Enhance Understanding

Integrated Self-Care Practices Into Group and Encourage Use to Reduce Compassion Fatigue

Include Scholarly Sources and **Develop Connections to Evidence-Based Practice**

Review Protocols for Professional Socialization

LEARNING STRATEGIES

Follow Mutual Aid Model



THEMES

Understand How Trauma Impacts Students

Limiting Re-Traumatization Within the Classroom

Methods for Increasing **Resiliency Factors for Students**

> Engaging in Self-Care and **Burnout Prevention to Reduce the** Impact of Secondary Trauma

Evaluate and Implement Ideas for Promoting Systematic Changes Within a Classroom and School-Wide

Develop a Tool or Recommendation for How Other School Staff Could Create Similar Growth in Other Schools

> Incorporate an Interdisciplinary Framework

COMPONENTS IN BUILDING A TRAUMA-INFORMED PLC



- on adverse childhood experiences among children and possibilities to heal and thrive. http:// www.changeimpact.net/uploads/1/0/2/1/102192352/ti._aces_issue_brief_-_oct_2017.pdf
- Bethell, C. D., Gombojav, N., Solloway, M., & Wissow, L. (2016). Adverse childhood experiences, resilience and j.chc.2015.12.001
- settings. Exceptional Children, 86(2), 209-228. https://doi.org/10.1177/0014402919873556
- Methods (pp. 600-601). SAGE Publications, Inc. https://doi.org/10.4135/9781412963909.n310
- Cavanaugh, B. (2016). Trauma-informed classrooms and schools. Beyond Behavior, 25(2), 41-46. https://doi.org/ 10.1177/107429561602500206

Bethell, C. D., Davis, M. B., Gombojav, N., Stumbo, S., & Powers, K. (2017). Issue brief: A national and across state profile

mindfulness-based approaches: Common denominator issues for children with emotional, mental, or behavioral problems. Child and Adolescent Psychiatric Clinics of North America, 25(2), 139-156. https://doi.org/10.1016/

Bettini, E., Cumming, M. M., O'Brien, K. M., Brunsting, N. C., Ragunathan, M., Sutton, R., & Chopra, A. (2019). Predicting special educators' intent to continue teaching students with emotional or behavioral disorders in self-contained

Boylorn, R. M. (2012). Participants as Co-Researchers. In L. M. Given (Ed.), The SAGE Encyclopedia of Qualitative Research

Bridget, V. D., Tara, C. R., Erin, D., & Cody, H. (2016). Addressing Disproportionality in Special Education Using a Universal Screening Approach. The Journal of Negro Education, 85(1), 59. https://doi.org/10.7709/jnegroeducation.85.1.0059



Center for Substance Abuse Treatment. (2014). Trauma-informed care in behavioral health services: treatment improvement protocol (TIP) series 57. No. (SMA) 13-4801. U.S. Department of Health and Human Services. Substance Abuse and Mental Health Services Administration, 342 pages. https://www.ncbi.nlm.nih.gov/books/ NBK207201/pdf/Bookshelf_NBK207201.pdf

Choi, B. C. K., & Pak, A. W. P. (2006). Multidisciplinarity, interdisciplinarity and transdisciplinarity in health research, services, education and policy: 1. Definitions, objectives, and evidence of effectiveness. Clinical and Investigative Medicine. Medecine Clinique Et Experimentale, 29(6), 351-364.

Coghlan, D., & Shani, A. B. R. (2008). Chapter 45 - Insider action research: The dynamics of developing new capabilities. In P. Reason & H. Bradbury (Eds.), The SAGE Handbook of Action Research (2nd Eds. ed., pp. 643-655). SAGE Publications Ltd. https://doi.org/10.4135/9781848607934.n56

Creswell, J. W., Hanson, W. E., Clark Plano, V. L., & Morales, A. (2007). Qualitative research designs: Selection and implementation. The Counseling Psychologist, 35(2), 236-264. https://doi.org/10.1177/0011000006287390

Felitti, V. J., Anda, R. F., Nordenberg, D., Williamson, D. F., Spitz, A. M., Edwards, V., Koss, M. P., & Marks, J. S. (1998). Relationship of childhood abuse and household dysfunction to many of the leading causes of death in adults. American Journal of Preventive Medicine, 14(4), 245-258. https://doi.org/10.1016/S0749-3797(98)00017-8

Grant, J., Nelson, G., & Mitchell, T. (2008). Chapter 41 - Negotiating the challenges of participatory action research: Relationships, power, participation, change and credibility. In P. Reason & H. Bradbury (Eds.), SAGE Research Methods The SAGE handbook of action research (2nd Eds ed., pp. 588-601). SAGE Publications Ltd. https:// doi.org/10.4135/9781848607934

Hoffman, S., Palladino, J. M., & Barnett, J. (2007). Compassion fatigue as a theoretical framework to help understand burnout among special education teachers. Journal of Ethnographic & Qualitative Research, 2(1), 15-22.

Hord, S. M. (1997). Professional learning communities: Communities of continuous inquiry and improvement., 72 pages. https://sedl.org/pubs/catalog/items/cha34.html

Hudnall Stamm, B. (2010). The Concise ProQOL Manual (2nd ed.)., 74 pages. https://proqol.org/proqol-manual



Johnson, A. (2018). Supporting teachers through social and emotional learning. *Success in High-Need Schools Journals, 14*(1), 26-29.

Kan, K., Gupta, R., Davis, M. M., Heard-Garris, N., & Garfield, C. (2020). Adverse experiences and special health care needs among children. *Maternal and Child Health Journal, 24*(5), 552-560. https://doi.org/10.1007/ s10995-020-02874-x

Kurtz, L. F. (2017). Chapter 09 - Support and self-help groups. In C. D. Garvin, L. M. Gutierrez, & M. J. Galinsky (Eds.), *Handbook of Social Work with Groups* (pp. 155-170). The Guilford Press.

Leonard, A. M., & Woodland, R. H. (2022). Anti-racism is not an initiative: How professional learning communities may advance equity and social-emotional learning in schools. *Theory Into Practice, 61*(2), 212-223. https:// doi.org/10.1080/00405841.2022.2036058

MacDonald, C. (2012). Understanding participatory action research: A qualitative research methodology option. The Canadian Journal of Action Research, 13(2), 34-50. https://doi.org/10.33524/cjar.v13i2.37

McIntyre, A. (2008). *Participatory Action Research*. SAGE Publications, Inc. https://doi.org/ 10.4135/9781483385679

Mertens, D. M. (2009). Transformative research and evaluation. The Guilford

Montuori, A., & Donnelly, G. (2017). Transformative leadership. In J. Neal (Ed.), *Handbook of personal and organizational transformation* (pp. 1-33). Springer International Publishing. https://doi.org/10.1007/978-3-319-29587-9_59-1

Nelson, C. M. (2014). Chapter 5 - Students with learning and behavioral disabilities and the school-to-prison pipeline: How we got here, and what we might do about It. In *Advances in Learning and Behavioral Disabilities: Special Education Past, Present, and Future: Perspectives from the Field* (pp. 89-115). Emerald Group Publishing Limited. https://doi.org/10.1108/s0735-004x20140000027007

Perfect, M. M., Turley, M. R., Carlson, J. S., Yohanna, J., & Saint Gilles, M. P. (2016). School-related outcomes of traumatic event exposure and traumatic stress symptoms in students: A systematic review of research from 1990 to 2015. School Mental Health, 8(1), 7-43. https://doi.org/10.1007/s12310-016-9175-2

Stroh, D. P. (2015). Systems thinking For social change: A practical guide to solving complex problems, avoiding unintended consequences, and achieving lasting results. Chelsea Green Publishing.

Tefera, A. A., & Fischman, G. E. (2020). How and why context matters in the study of racial disproportionality in special education: Toward a critical disability education policy approach. *Equity & Excellence in Education, 53*(4), 433-448. https://doi.org/10.1080/10665684.2020.1791284

The National Child Traumatic Stress Network. (n.d.). *Trauma types*. https://www.nctsn.org/what-is-child-trauma/ trauma-types

Trauma and Justice Strategic Initiative. (2014). SAMHSA's concept of trauma and guidance for a traumainformed approach. Substance Abuse and Mental Health Services Administration. Department of Health & Human Services. The United States, pages. https://store.samhsa.gov/system/files/sma14-4884.pdf

Trout, A. L., Epstein, M. H., Nelson, R., Synhorst, L., & Duppong Hurley, K. (2006). Profiles of children served in early intervention programs for behavioral disorders. *Topics in Early Childhood Special Education, 26*(4), 206-218. https://doi.org/10.1177/02711214060260040201

Van der Kolk, B. A. (2015). The body keeps the score: Brain, mind, and body in the healing of trauma.

Webster-Wright, A. (2009). Reframing professional development through understanding authentic professional learning. *Review of Educational Research, 79*(2), 702-739. https://doi.org/10.3102/0034654308330970

Ziaian-Ghafari, N., & Berg, D. H. (2019). Compassion fatigue: The experiences of teachers working with students with exceptionalities. *Exceptionality Education International, 29*(1). https://doi.org/10.5206/eei.v29i1.7778

