# Career-related student learning outcomes: Using experiential learning opportunities to enhance knowledge and skills related to job settings for student learners in health care professions

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**Abstract:** Workplace incivility in professional job settings appears to be on the rise, although one might expect that basic skills in civil behaviors be modelled and taught to everyone from an early age. Recently, student learning outcomes in higher education programs have expanded to include those that prepare students to possess competencies, skills, attributes and values needed to successfully participate in diverse and complex environments including professional work settings. We report on several experiential learning opportunities provided to undergraduate and graduate students in health care related professions and adult learners designed to enhance understanding of the necessity of and performance of civil behaviors at work.

### **Objectives:**

- a. Appraise the usefulness of concepts associated with experiential learning in various educational settings to demonstrate skills related to professional behaviors on the job (including workshops held at worksites);
- b. Describe how students can be inspired and taught to think of themselves as change agents for positive improvement in workplaces (for example, through learning stress management techniques for themselves and to teach others how to reduce stress); and,
- c. Evaluate the importance of teaching students about diverse personalities and intergenerational workplace dynamics.

Experiential learning is both a philosophy and methodology in which instructors purposefully engage with students in direct experiences and focused reflection in order to increase knowledge, develop skills, and clarify values.

(Association for Experiential Education http://www.aee.org/)

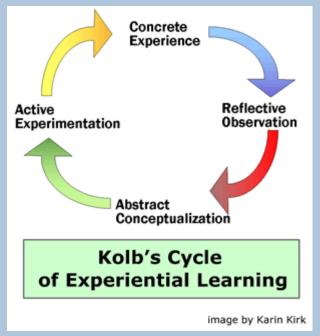
Well-planned, supervised and assessed experiential learning programs can stimulate academic inquiry by

promoting interdisciplinary learning, civic engagement, career development, cultural awareness, leadership, and other professional and intellectual skills.

### According to Kolb (1984)

- 1. Learning is best conceived of as a process, not in terms of outcomes.
- 2. Learning is the process of creating knowledge.
- 3. Learning is a continuous process grounded in experience.
- 4. Learning involves transaction between the person and the environment.
- 5. Learning is the holistic process of adaptation to the world.
- 6. The process of learning requires the resolution of conflicts between dialectically opposed modes of adaptation to the world.

## Experiential learning opportunities and professional



Kolb, D. (1984). Experiential learning: Experience as the source of learning and development. New Brunswick, NJ: Prentice-Hall.

### The Experiential Learning Process

- 1. Experiencing/exploring=Doing
- 2. Sharing/reflecting=Explaining what happened
- 3. Processing/analyzing=Examining what's important
- 4. Generalizing=Answering the question "So what?"
- 5. Application=Answering the question "Now what?"

The learner has a concrete experience.	Students were asked to review charts of persons attending congregate meal sites to determine nutritional risk.
The learner makes observations and reflections based upon that experience.	"Not everyone in Central Illinois is like my grandparents. There are people who do not have enough to eat. This is called nutritional risk."
The observations and reflections are synthesized into a new conceptual understanding and interpretation of the experience.	"People receiving meals may only get one meal a day. It is important to provide guidelines that can help them eat healthier when they receive food from family/friends."
This conceptual understanding is applied and is used to guide new and purposeful experiences.	"We will design a brochure with refrigerator pull-out that discusses healthy eating after age 50."

# Integrating with Continuing Education at Bradley University





## OLLI at Bradley



## Volunteer-Led



## Welcoming & Social









# Work with Bradley University and Methodist College students



# Projects from the Community Wellness Program, Bradley University

# Using University-Community Partnerships for Experiential Learning

- Service learning
  - Apply course concepts
    - Deeper learning
  - Provide service to the community
    - Meaningful experiences

## Worksite Wellness Programs

- Courses: Program Planning and Evaluation
- Partners: Non-profit, social service organizations

- Goals/Outcomes
  - Students plan, implement, and evaluate programs
  - Provide worksite wellness programming



## Healthy Kids Day

- Course: Leadership and Advocacy in Community Wellness
- Partner: YMCA

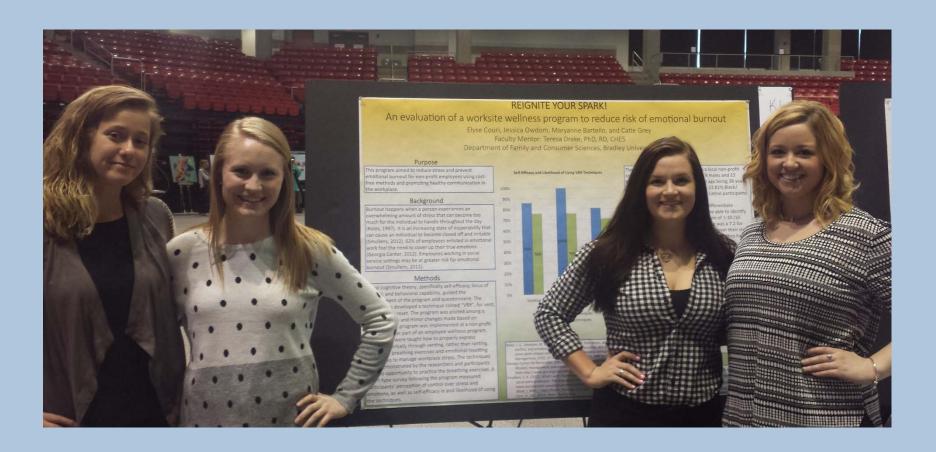
- Goals/Outcomes
  - Students manage and administer a program
  - Provide program management







## Sharing Outcomes



# College of Education and Health Sciences, Bradley University

## Parent survey results, for children with

ADHD.

 $Kellum^I$  , Danielle, Connie  $Sifuentes^2$  , and Dr. Lori Russell- $Chapin^3$ 

### **Introduction to PCORI:**

PCORI's purpose is to help patients, clinicians, purchasers, and policy makers make better informed health decisions by prevention, diagnosing, and treating disorders and other health conditions through several types of research.

#### **Methods:**

- Researched DSM5, listed ADHD symptoms
- Read Material
- Looked at surveys, and created out own
- Put survey online through SurveyMonkey.com
- Sent to Parents of children with ADHD
- Collected Data

#### Goals

- Apply for grant
- Get parents involved
- Study relevant symptoms of children with ADHD

Results: Data shows that the majority of parents of children with ADHD, had many of the same traits in common.

Over 83% of the parents, had children with the same symptoms.

Discussion The most common traits were..

- 1. The children were easily distracted
- 2. They made careless mistakes with schoolwork
- 3. They had excessive procrastination issues

Your child has trouble with ..?

■ Number of Votes



Conclusion: We found that the parents if children with ADHD, did validate the symptoms that we were studying.

#### Technical:

- · Through CREST
- Use of Surveymonkey.com
- Neurofeedback
- Brain scan EEG

https://www.surveymonkey.com/s/9C7GHG7



Department of Leadership in Education, Human Services, and Counseling

## Collaborative Lobbying at State and National Levels: Beta-Phi, ICA, AMHCA Days on the Hill

Lori Russell-Chapin, PhD, CCMHC, ACS, LCPC, DCMHS
Nancy Sherman, PhD, ACS, LCPC, NCC
Emily Lawrence, BS
Shauna Summers, LPC, NCC, MA, MS
Charlotte Uteg, LPC, NCC, MA

### Why should counselors and counseling students lobby at the state and national levels?

- Teaches graduate students the importance of professional advocacy.
- Provides opportunity for graduate students to collaborate with state and national counselor organizations.
- · Educates legislators about the counseling profession.
- · Promotes counselor identity.
- Provides counselors and students with skills and frameworks for continuing professional advocacy efforts.

#### Legislation

Illinois House Bills

1002

What the bill does: Adds as a member of the State Educator Preparation and Licensure Board one school service personnel certificate holder or holder of a Professional Educator License with a school service personnel endorsement who is employed in the public schools and who has been nominated by a statewide professional school service personnel organization.

•1005

•What the bill does: Includes a clinical professional counselor (LCPC) to sign a written order of restraint or seclusion after direct observation and examination to prevent the recipient from causing physical harm to themselves or others.

Both bills have been passed!

- · Federal Senate Legislation
- ·S.562

\*Adds mental health counselor (MHCs) and marriage family therapist (MFTs) services under part B of the Medicare program.

Both bills are pending

### What graduate students said about the experience:

•"This experience inspired me to become more engaged in social justice by engaging me in the process and walking me through the legal and advocacy process."

- Shauna Summers



\*"My heart brought me back to a time of awe when hearing stories of people who changed the world; leaders who advocated for truth and love while living lives of integrity. I was again reminded that I could be one of those people. A feeling sprung forth inside of me; an urge to step beyond the 'shy little girl' of my childhood and into the confident woman of my present and future. My next step is to accept the calling of leadership and let her."

- Emily Lawrence





#### The Efficacy of Neurofeedback when Applied to Post-Concussion Syndrome

Joseph Palakeel, Connie Sifuentes, Emily Brabec, Shawntayja Tolliver, and Dr. Lori Russell-Chapin
College for Education and Health, Bradley University

#### Abstrac

can be used inhumbershades trainment and in the process of brian grown for calculates who suffer from proceed concussion syndrome? Every jeen relation are admitted into healths with concussions. Eleveral are late diagnosed with the same syndrome as concussion relations, resulting in postconcussion syndrome. Despite its diamnensity, there is no undergreat treatment in use. The purpose of this research is to enable the effects of invulnedation where any post of the research is to enable the effects of invulnedation where any post of the research is to enable the effects of invulnedation, where she is contained for effects with conformation printings. Equipped with the she is contained for fine results to all of the prefers trained of our subject. Five brain size and brainlesses were based which regard from 90% at 2, MAX at CALS is facts. SMAX at CA. Rhall to Alpha at CA. After a portion of beenly became sessions, all symmotrum improved exceptions by, with only in the impringing symptoms. The date provides indications that insurfaces all to addressed to stormers.

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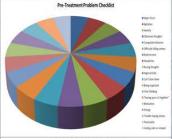
nam in male, a the manner.

Apply for a grant to continue the research.

\*Observe the efficiety of neuroleadack on post-concussive syndrome.

#### Mathoda

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Pre-Treatment Problem Checklist

Mid-Treatment Problem Checklint (10 Sessions)

Figure 2. This graph shows the symptoms that most improved during the first

#### Materials

iA Symptom Checklat
Problem Checklat
Inside Injury Questionners
Inside Injury Questionners
Inside Seventy Index
IPSychopathy Checklat (PCL)
IT DVIA (Auditory)
Varian Clinic ADO Questionners
Sturms Analytic Inventory

#### Results

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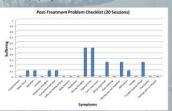


Figure 3 Our subject, after 20 sessions of RFQ, completed another symptoms checkly

Pre-Test	Trestment	Post-Test
Docreased Short Term Memory	Work to increase Alpha Response at Ca	Normal Alpha Respons at Co
Traumatic Emotional Stress	Work to increase Alpha Response at Ca	Normal Alpha Recovery
Decreased Stress Tolerance	Work to Increase Theta Beta Ratios Eyes Open at 01	to material
Sleep Disturbance	Work to Increase Theta Beta Eyea Closed at O1	ace above
Traumatic Emotional Secre	Work to Increase Alpha Response at Q1	ace above
Increased Acousal	Work on Decreasing F3 Bets Compared to F4 Bets	Normal Theta Beta Rati as Both F3 & F4
Excessive Chatter	not above	see above
Assisty	ace above	see above
Stubbern Behavior	Work to Docresso Games Bota Ratio of Fe	Eigh Control Site Paris st. Fit
Obsessive Compulsive Behavior	nes above	acc above

#### Conclusion

Neurofeetback does help to treat the symptoms of goal-concusion symptoms. Seasof on what both the quentitative and qualitative data display, the symptoms eventually improved with seasons of heurofeetback triangy. The only drawback to the insearch is

- that it is included to one subject
- . 20 sessions of neuroneecody obsigers the sym
- . Continue our research with more subjects

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Acknowledgments

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#### Pilot Research Study on Veterans with PTSD & Methods on Symptom Reduction

#### Russell-Chapin,L.,K.Russell.,Sampson., and P.Ryder. affiliations



#### Introduction

#### What is PTSD?

- Post traumatic stress disorder or commonly known as PTSD is a mental health condition that's triggered by a terrifying event either experiencing it or witnessing it.
- Symptoms may include flashbacks, nightmares and severe anxiety, as well as uncontrollable thought about the event.
- This research seeks to address the impact of post-traumatic stress disorder (PTSD) on veterans and their families by enhancing treatment outcomes, encouraging treatment participation and completion and decreasing treatment expense by introducing a new treatment for intrusive and hypervigilant symptoms for PTSD.

#### Hypotheses

- (H1) As compared to the pretest and untreated group controls and the EMPR. treatment participants treated with the same RTM protocol will show clinically significant post-treatment decreases in PTSD symptom scores.
- (H2) ANY reduction in PTSD symptoms after treatment with RTM will persist within the clinically significant range at a follow-up
- (H3) There will be statistically significant differences in the pre/post- test fMRI's of the RTM and EMDR treatment control group.

  These symptoms made us wonder how might they be fixed, or what can we do to help. We began looking and we came upon some places that would allow us to find



#### Methods.

This study will begin in cohorts of 15 participants each, 5 assigned to each study will begin in cohorts of 15 condition. Participants will be randomly and blindly assigned to an EMDR treatment group, a RTM treatment group or a control group. Freatment follow-ups: 2-6 weeks post reatment.

#### Recruitments

Veterans drawn from a local pool awaiting treatment via pre-existing arrangements with local veterans groups who suffer from PTSD will be screened for comorbid axis I or axis II diagnoses using the Minimternational neuropsychiatric interview (MI.N.I 6.0) or three other specific test evaluating the selected veterans.

#### Data

Starting in June and ending in August we've collected a lot of data. This data wil include the steps that our pilot research study has taken so far. Between Sept of 2001- August 2011 about 13-17% of veterans had used veterans affairs health care. Their was a low motivation to seek mental help for veterans during this time. This event later began a research study for veterans with PTSD. Both warriors and veterans had a high likely chance that they would have PTSD. This was because of all the traumatic memories they had. To know someone had PTSD they might have a lot of traumatic reminders. They may also have a pattern of events that may include :

- Not interacting as much with others as usual, staying to yourself a lot.
- 2. Behavior changes
- . They may feel on edge

These symptoms made us wonder how might they be fixed, or what can we do to help. We began looking and we came upon some places that would allow us to find out. So we went out and passed flyers to about 21 places here in Peoria. Which helped us find some veteran volunteers for this research study. Then the study began.



#### Data Resolution

This study will include the veterans who volunteered that have tested postitive for PTSD and no other mental disorders. We will be using them to see whether or not we can reduce their symptoms by using a non-invasive treatment that deals more with a psychological/mental way of trying to reduce their symptoms of PTSD.





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