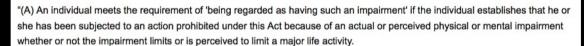
Returning to Learn Post-Concussion: Invisible Struggles of an Invisible Injury

A Phenomenological Investigation of College Student Experiences

2019 O'Brien :

The Issue: Academic Challenges

- Symptoms
- Initial steps
- Self-advocacy
- Resource awareness
- · Symptom management- no protocol
 - ADA Constraints



"(B) Paragraph (1)(C) shall not apply to impairments that are <u>transitory and minor</u>. A transitory impairment is an impairment with an actual or expected duration of 6 months or less.



The Current Study

Research Aims

- Student experiences
- Student care pathways
- Possible avenues of improvement

Qualitative Design

- Phenomenology
 - Emergent hypothesis
 - Holistic description of phenomena
 - Commonalities among participants

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Data Collection and Sample

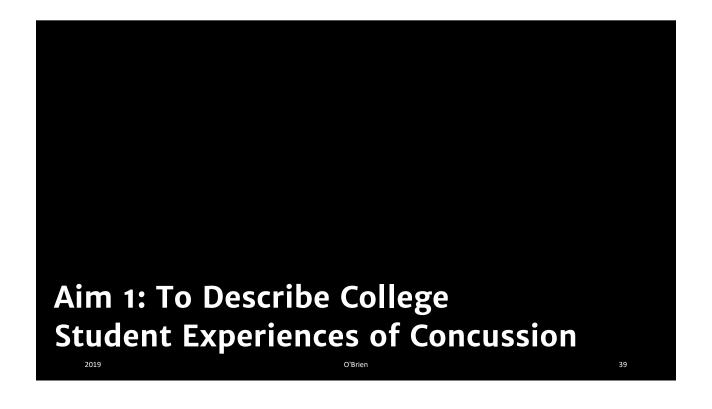
Participants

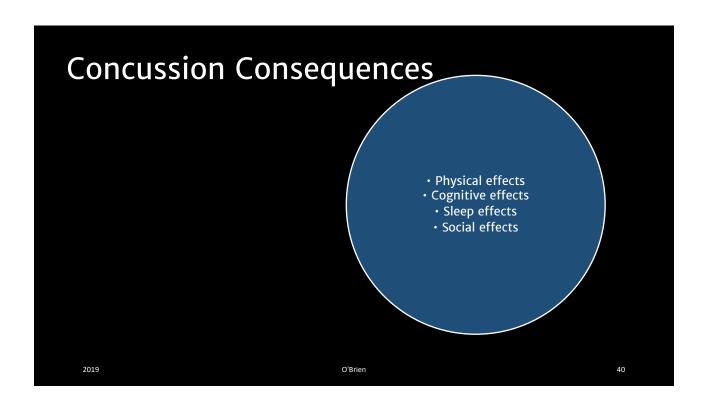
- Purposefully selected
 - Non-athletes
- 1 male, 11 females
 - · Colvin et al., 2009
 - · Harmon et al., 2016
- Various academic levels

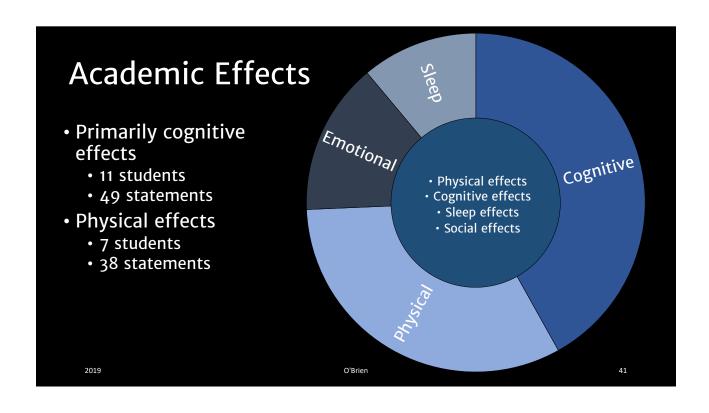
Data Collection

- Academic dysfunction survey (Wasserman et al., 2017)
- Learning and Study Strategies Inventory (LASSI; Weinstein et al., 2016)
- Semi-structured interviews
- Audio recorded

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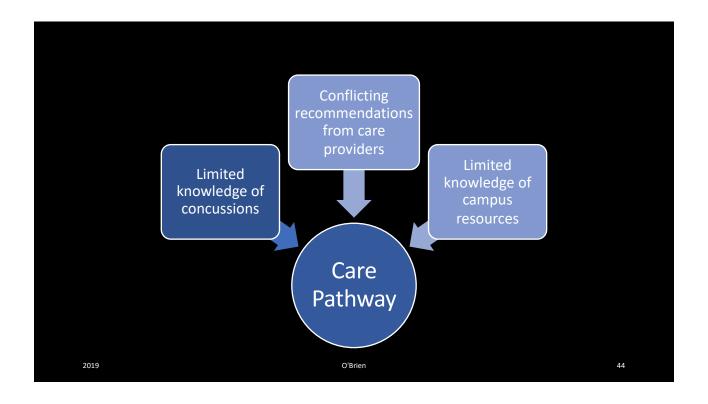


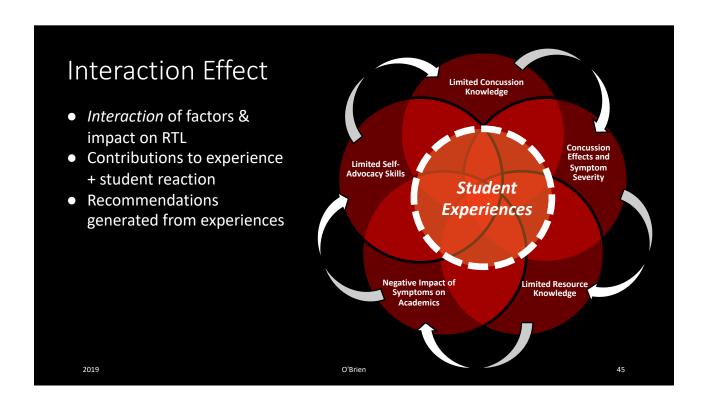
Pathways of Care

- 10 sought care
- 4 sought immediate care on recommendation of someone else
- 4 delayed care (+48 hours post)
- 8 received imaging
- 3 to urgent cares
- Others to ER or MD
- 2 thought they could manage on their own

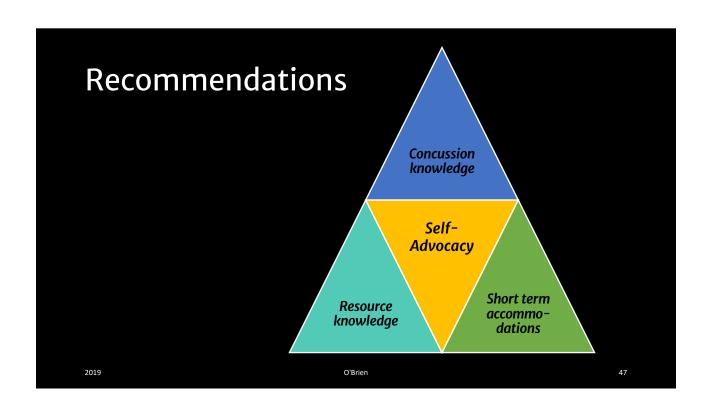


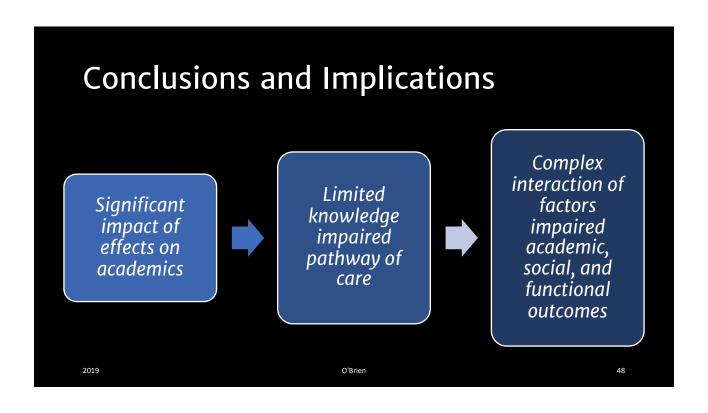
2019 O'Brien 43



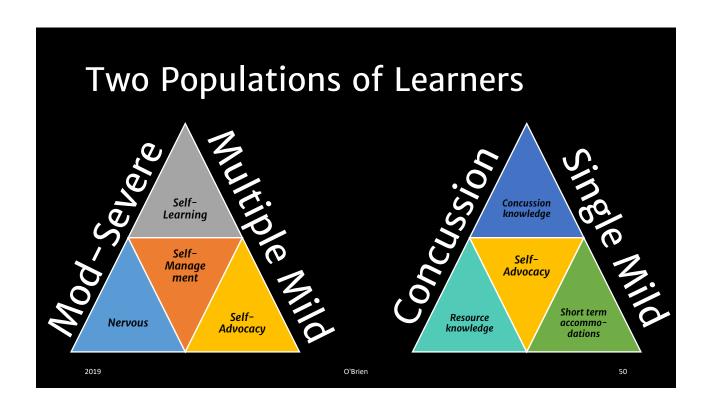


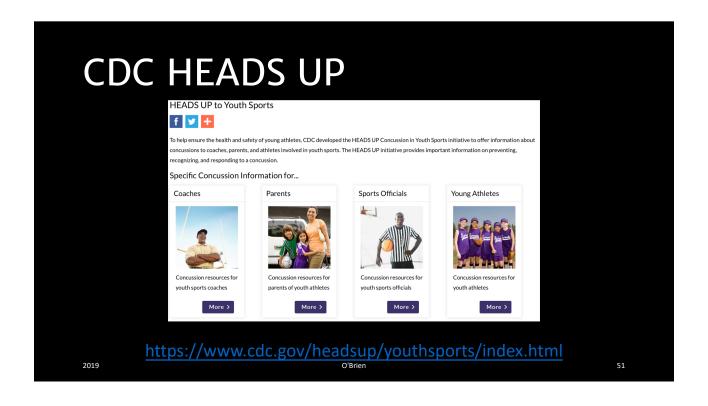


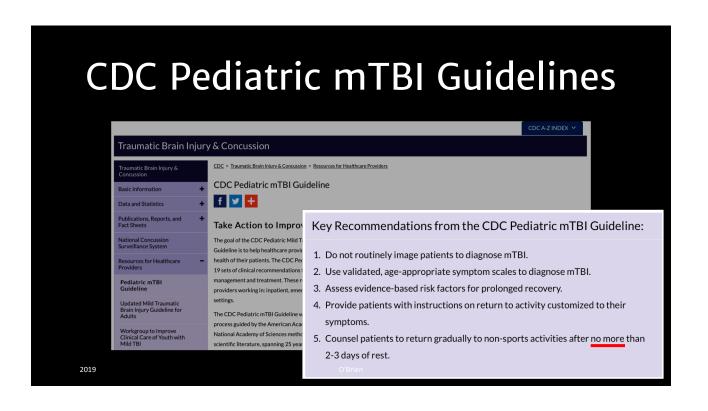












Return to Play

- Five step progression
- No activity to full activity
- Progress through each step unless symptoms return
- Return to previous step, wait 24 hours and repeat
- Based on symptom reporting

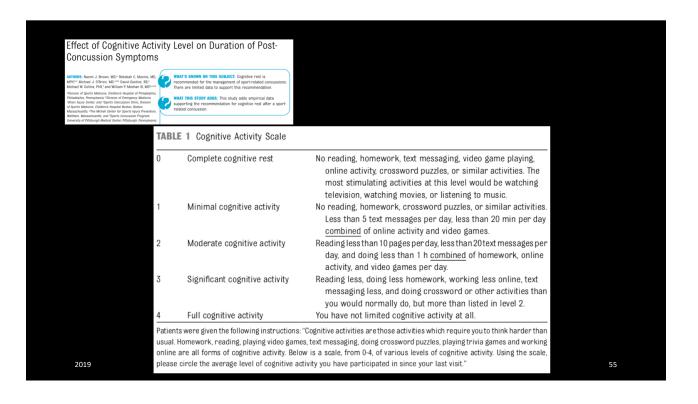
Graduated Return to Play Protocol

Specific Control Record Control Record and Control Record and Control Record Control Record

2019

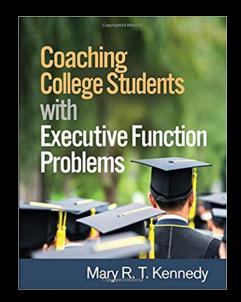
O'Brien

Step 1. Total • No mental exertion (computer, texting, video games, or homework), stay at home, Ret rest. • Up to 30 minutes of mental exertion but no prolonged concentration, stay at home, Step 2. Light mental • Progress to next level when able to handle 30 minutes of mental exertion without activity. worsening of symptoms ·Maximum accommodations (shortened day/schedule, built-in breaks, provide quiet place for mental rest, no significant classroom or standardized testing, modify rather than postpone academics, and provide extra time, extra help, and modified Step 3. Parttime school. •Progress to next level when able to handle 30-40 minutes of mental exertion without worsening of symptoms • Moderate accommodations (no standardized testing, modified classroom testing, moderate decrease in extra time, help, and modification of assignments).
• Progress to next level when able to handle 60 minutes of mental exertion without Step 4. Parttime school. Minimal accommodations (no standardized testing, but routine testing ok continued decreasing extra time, help, and modification of assignments; might require more supports in academically challenging subjects). Step 5. Full- Progress to next level when able to handle all class periods in succession without worsening of symptoms AND medical clearance is given for full return to time school. Step 6. Full-• Full academics with no accommodations (attends all classes, full homework). time school. 2019 /cbirt.org/back-school



Current Work

- Coaching has been manualized for other researchers' and clinicians' use (Kennedy, 2017)
- Developing coaching program at UGA to support students with concussion and TBI



2019 O'Brien

Monitoring Over Time

2019 O'Brien



SUCCESS

Success in College after Concussion with Effective Student Supports

Our goal is to develop a peer mentoring program for college students seeking care at Shepherd Center's Complex Concussion Clinic (CCC) that supports short and long term success.

58

Acknowledgments

- We thank all of our research participants for sharing their time and experiences.
- Part of this presentation was based on a Master thesis project led by Anna Fink.
- This work could not have been possible without the contributions of the students in the Cognitive-Communication Rehab Lab.

2019 O'Brien 5

cogcomlab.uga.edu khobrien@uga.edu Welcome to the Cog-Com Rehab Lab at the University of Georgia The Cognitive-Communication Rehabilitation to support post Obrien Islantinguy muring to productivity at vocasion to apport post Obrien Islantinguy muring to productivity at vocasion to apport post Obrien Islantinguy muring to productivity at vocasion to apport post Obrien Islantinguy muring to productivity at vocasion to apport post Obrien Islantinguy muring to productivity at vocasion to apport post Obrien Islantinguy muring to productivity at vocasion to apport post Obrien Islantinguy muring to productivity at vocasion to apport post Obrien Islantinguy muring to productivity at vocasion to apport post of the control of the control