Post-Concussive Syndrome (PCS) Group

DESCRIPTION
Research is an on-going process it doesn’t stop and start with the academic year. In fact, much of the most important work occurs during the calendar year when there is no class. During this time, the winter and summer months, investigators have more dedicated time to: read the literature, write strong bibliographies and introductions for papers, submit Institutional Review Board proposals, collect data on nonhuman subjects, and conduct analyses. This project explores post-concussive syndrome and the breadth of athletes affected by head injury, how each population is uniquely affected and the variability in medical, behavioral, psychological, and academic (where it applies) support each population receives.

Six Empirical Ws

Who?
College athletes, professional dancers, veterans

What?
Post-Concussive Syndrome

When?
Fall and Spring Semester

Where?
Online surveys and laboratory assessments/questionnaires; EEG (we need to discuss this)

Wherein? (i.e., How?)
Concussion measures (TBA) and neuropsychological assessments

Why?
To better understand the epidemiology of concussion, how it differs across athletic and professional groups, and recommendations for support (academic, counseling, and preventative).

IRB Approval?
*Head Injury Among College Students (091-13)*, on-going investigation.


**PSC PROJECT READING LIST**

**Texts**


**Films**


*Available on Netflix, Also online here:
http://www.pbs.org/wgbh/pages/frontline/league-of-denial/


http://www.slashfilm.com/will-smith-football-movie-release-date/

**Articles and Reports**

AANS. Sport-related Head Injury. Retrieved on June 14, 2015:


*Dance Magazine*, May 2014. Retrieved June 14, 2015:  
http://www.dancemagazine.com/issues/May-2014/Your-Body-Concussions-Not-Your-Everyday-Injury#sthash.5bQHjs9k.dpuf


**Concussion Assessments**

*Be familiar with these measures (they are also available on DropBox)*

*Concussion Grading Scale*


*Concussion New Patient Medical History.*

2013, Coastal Orthopedics & Sports Medicine/Pain Management.

*Concussion Symptom Inventory (CSI)*


*Concussion Symptom Log*

www.nationwidechildrens.org/sports-medicine


www.concussionvitalsigns.com

ImPACT Concussion Management Tool.


*King-Devick Test for Concussion*

http://kingdevicktest.com

Oakbrook Terrace: IL, Mayo Foundation for Medical Education and Research

*Military Acute Concussion Evaluation (MACE)*
NFL Neuropsychological Test Battery

Post-Concussion Symptom Scale (PCSS)

Rivermead Post Concussion Symptoms Questionnaire Modified (Rpq-3 And Rpq-13)

The Standardized Assessment of Concussion (SAC)

Neuropsychological Assessments
- Brain Injury Vision Symptom Survey (BIVSS) (Laukkanen, 2012)
- The Rey-Osterrieth Complex Figure Test (Spreen & Strauss, 1998)
- The Controlled Word Association Test (Benton & Hamsher, 1947; Spreen & Strauss, 1998)
- The Trail Making A and B test (Lezak, 1995)
- The Stroop Test (Golden & Freshwater, 1998; Spreen & Strauss, 1998)
- Distance-Rock Assessment (Haynes, 1979; Coffey & Reichow, 1990).
## B.R.A.I.N. Lab Relevant Dates

<table>
<thead>
<tr>
<th>DATE</th>
<th>To Submit</th>
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<tbody>
<tr>
<td><strong>Student End-of-Summer Report - As per your PRISM Award</strong></td>
<td>Friday August 14, 2015</td>
</tr>
<tr>
<td><strong>AZA Poster Due to Cheryl Wallen: <a href="mailto:cwallen@aza.org">cwallen@aza.org</a></strong></td>
<td>Friday August 24, 2015</td>
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<tr>
<td><strong>Week I: First Day of Fall Semester</strong></td>
<td>Monday August 31, 2015</td>
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<tr>
<td><strong>Week I: First Lab Meeting at 11:30 – 12:30 pm (2nd and 4th Tuesday of each month)</strong></td>
<td>Tuesday September 1, 2015</td>
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<tr>
<td><strong>2015 AZA Annual Conference <a href="https://www.aza.org/annualconference/">https://www.aza.org/annualconference/</a></strong></td>
<td>Saturday &amp; Sunday September 19th &amp; 20th</td>
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<tr>
<td><strong>PRISM Conference, MPR 3:30 – 6:00</strong></td>
<td>Tuesday Nov. 10, 2015</td>
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<tr>
<td><strong>WPA Abstract and Registration deadline: <a href="http://westernpsych.org/convention/">http://westernpsych.org/convention/</a></strong></td>
<td>Nov. 16, 2015</td>
</tr>
<tr>
<td><strong>OAS Abstract, Registration Due via Email <a href="http://www.oas.pdx.edu">http://www.oas.pdx.edu</a></strong></td>
<td>Monday February 1, 2016</td>
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<tr>
<td><strong>OAS Presentations Deadline</strong></td>
<td>Friday February 19</td>
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<tr>
<td><strong>Oregon Academy of Science (OAS) Conference <a href="http://www.oas.pdx.edu">http://www.oas.pdx.edu</a></strong></td>
<td>Saturday February 27, 2016</td>
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<tr>
<td><strong>WPA Poster Deadline</strong></td>
<td>Friday April 15, 2016</td>
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<tr>
<td><strong>SPD PowerPoint Presentation Deadline</strong></td>
<td>Thursday April 21, 2016</td>
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<tr>
<td><strong>Senior Project Day Presentation Practice, Round I</strong></td>
<td>Friday April 22, 2016</td>
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<tr>
<td><strong>Senior Project Day Presentation Practice, Round II</strong></td>
<td>Monday April 25, 2016</td>
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<tr>
<td><strong>Senior Projects Day</strong></td>
<td>Wednesday April 27, 2016</td>
</tr>
<tr>
<td><strong>Western Psychological Association Conference</strong></td>
<td>April 28 – May 1, 2016</td>
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**Other deadlines**
- Graduation Registration: January 30, 2016
- SPD Registration: TBA
- SPD Abstract Submission: TBA
CAS Research Awards

TBA