

Career Readiness Challenge:

Development of an online platform to support the translation of professional competencies learned through athletic participation to career readiness

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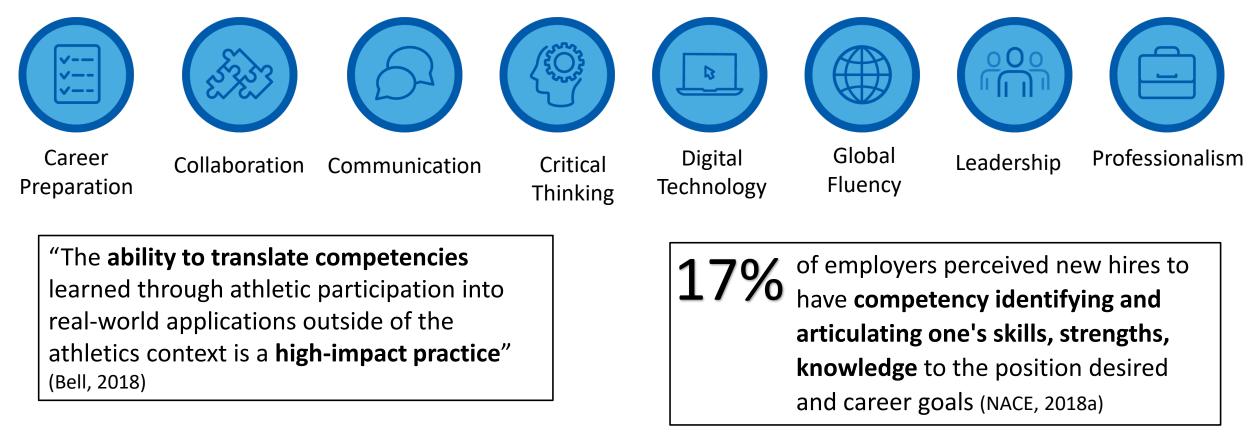


Sydney Jones Aerospace Engineering Basketball



Megan Smith Business Administration Soccer

National Association of Colleges and Employers (NACE) identified eight critical competencies:



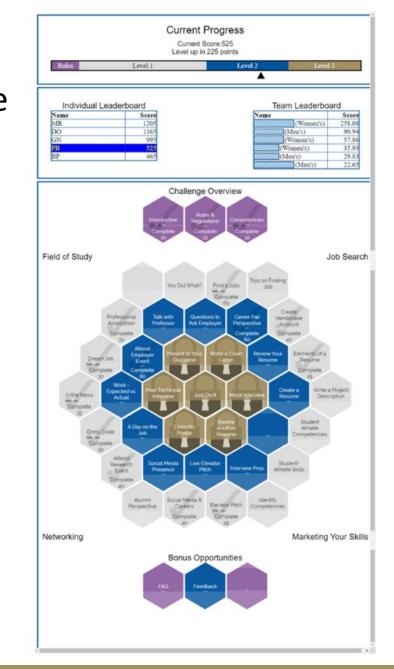
Athletic and academic responsibilities may limit the student-athlete's ability to engage in career service activities (Buzzetta, Lenz, and Kennelly, 2017; Brown, Glastetter-Fender, & Shelton, 2000)

Objective: to develop a career readiness program that will enhance attitudes towards career planning and support the translation of athletic competencies into career contexts.

RQ1. How do perceptions of career readiness competency relate to student-athlete identities?

RQ2. How do student-athletes engage in the CRC?

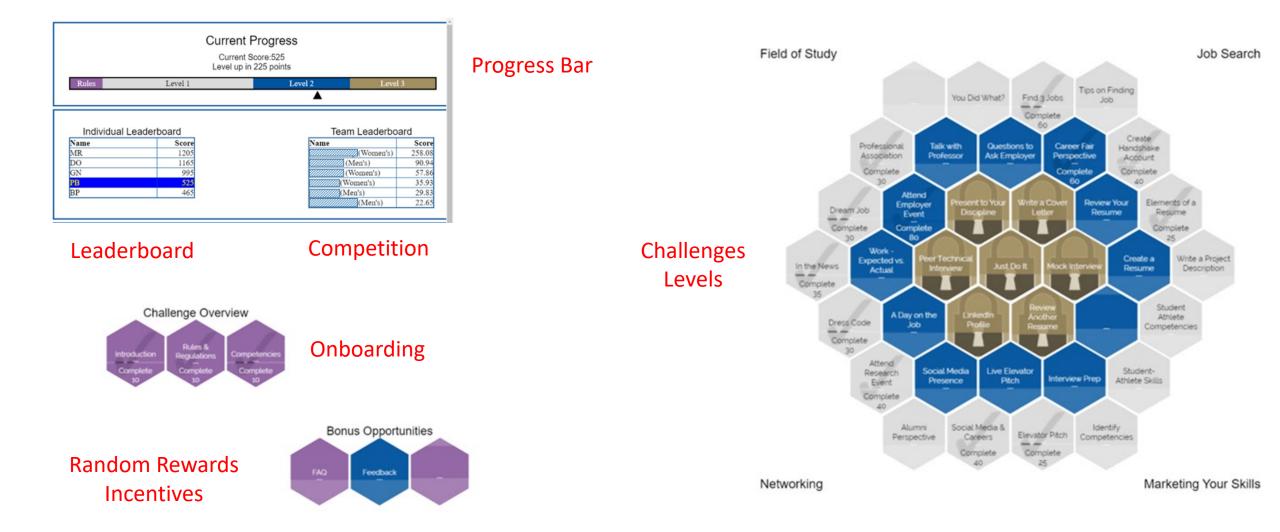
RQ3. How does participation in the CRC affect career planning attitudes?

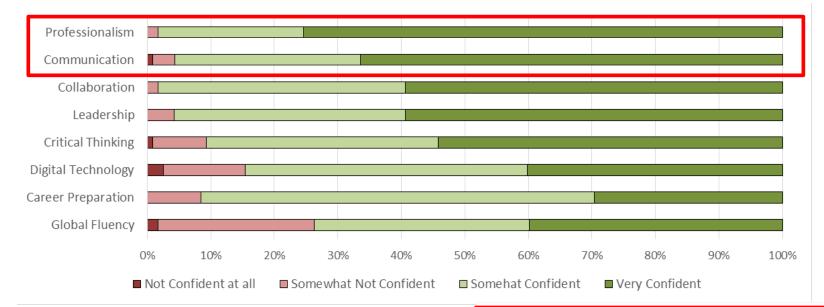


Career Readiness Challenge

Pilot Implementation 6 teams (3M/3W) 116 Student-Athletes 53 Days (~7 weeks) Embedded within LMS

Career Readiness Challenge was designed using principles of gamification to drive motivation



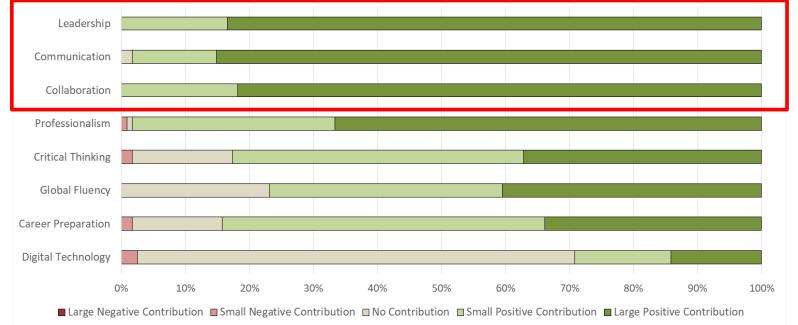


Student-Athletes perceive ability to effectively demonstrate:

- Professionalism
- Communication

Participation in athletics had a large positive contribution towards:

- Leadership
- Communication
- Collaboration



Pre-CRC Data Collection; Control + Experimental

Career Futures Inventory





https://commons.erau.edu/publication/1339/

- 16 baseline one-on-one interviews
- 13 women; Three (3) men

- Nine (9) White; Five (5) Black
- Two (2) multi-racial, one (1) Hispanic

PEERS

ORTS

TEAMMATES

MAJOR DEPARMENTS

ABORATION

• Five (5) AeroEng, five (5) MechEng, three (3) CivilEng, two (2) HumFact, one (1) SoftEng

ATHLET

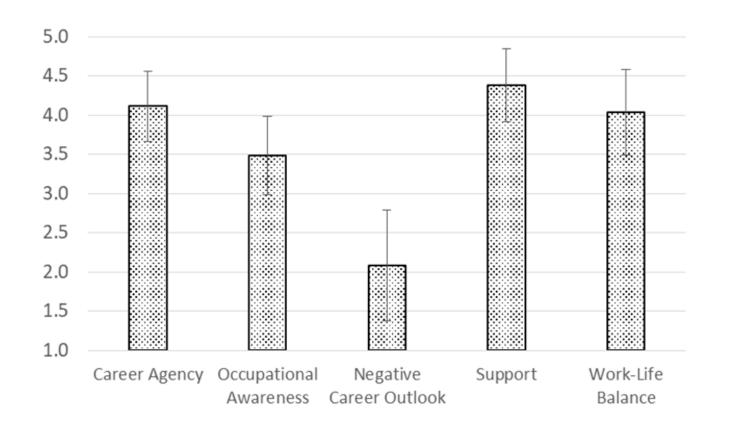
COMMUNICA

SE SE

REER

COACHES

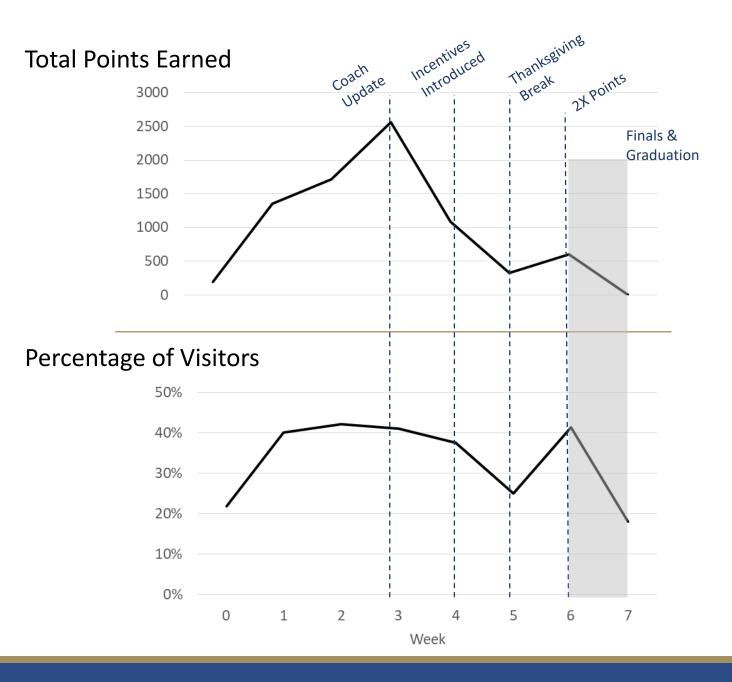
High perceptions of Support, Career Agency, and Work-Life Balance



- Female student-athletes had significantly lower perceptions of Occupational Awareness than male peers F(1,25)=5.783, p=.019
- International student-athletes had significantly higher perceptions of Work-Life Balance F(1,25)=5.784, p=.019
- Interaction effect exists for Sex*Race*Academic Level with respect to Support F(2,25)=3.399, p=.038

Pre-CRC Data Collection; Control + Experimental

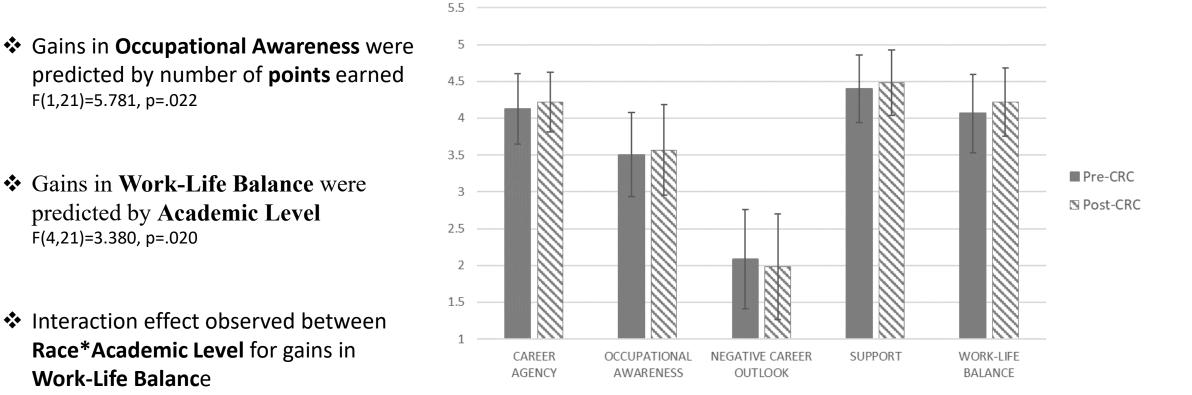
Career Futures Inventory



- 22% of participants were active users by points
- ✤ 44% of participants visited the site at least 40% of days
- Female student-athletes earned on average twice as many points as male F(1,32)=5.926, p=.021
- More points earned the closer a participant was to graduation F(4,32)=4.688, p=.004
- Interaction effect between
 Race*Academic Level was observed in points earned F(3,32)=3.249, p=.035

CRC Participation Data; Experimental Only

Post-CRC participation resulted in statistically higher scores for Career Agency (p=.014) and Work-Life Balance (p=.010)



F(3,21)=3.633, p=.023

Insights for Implementation

Direct integration into the Canvas LMS makes the course more accessible to student-athletes but may require IT support.

Timing of when the CRC is offered is important to participation. Holiday breaks and high testing times may limit participation.

Coaches and team culture can have a strong influence on participation by showing interest in career readiness.

Recommendations for Career Competency

Provide student-athletes (across diverse demographic groups) with paid leadership positions in career service centers

Ensure student-athletes are connected to student chapters of professional organizations

Pair student-athletes with faculty/staff for career mentoring

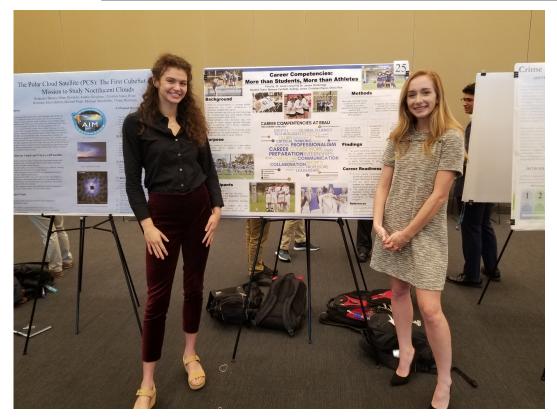
Pair student-athletes with experienced peers for career mentoring

CONTACT INFORMATION & QUESTIONS





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https://commons.erau.edu/db-srs/2019/poster/11/



https://www.youtube.com/watch?v=hcyN1fs_SSU

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