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Able Flight at Purdue: Opportunities in Technology

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Able Flight at Purdue:

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Opportunities in Technology

November 16, 2012

Perspectives on Able Flight at Purdue

❖ Interactive Discussion Panel:

- ❖ Background on Able Flight – **Prof. Bernie Wulle**
- ❖ Research with Able Flight – **Dr. Erin Bowen**
- ❖ Using Qualitative Data – **Jennifer Kirschner**
- ❖ Able Flight – An Instructor’s Perspective – **Scott Winter**
- ❖ The Student Experience – **Kevin Crombie**
- ❖ Opportunities for Application – All



Perspectives on Able Flight at Purdue

- ❖ **Background: A Multi-Collaborative Project**
 - ❖ Purdue and Able Flight [a 501c(3) nonprofit]
 - ❖ Aviation Technology and Technology Leadership & Innovation



Perspectives on Able Flight at Purdue

❖ Able Flight:

- ❖ Innovative training program that seeks to break down barriers, both real and perceived
- ❖ Provides pathways for advanced educational and career opportunities within aviation
- ❖ Has awarded over 30 flight scholarships to individuals with a variety of disabilities
- ❖ Not only benefits students, but instructors and the faculty members with whom they come into contact



Perspectives on Able Flight at Purdue

❖ Able Flight at Purdue:

- ❖ This summer, 6 scholarships were awarded for flight training at Purdue
- ❖ Students spent 5 intensive weeks at Purdue, living in the residence halls and learning to fly with university flight instructors



Perspectives on Able Flight at Purdue

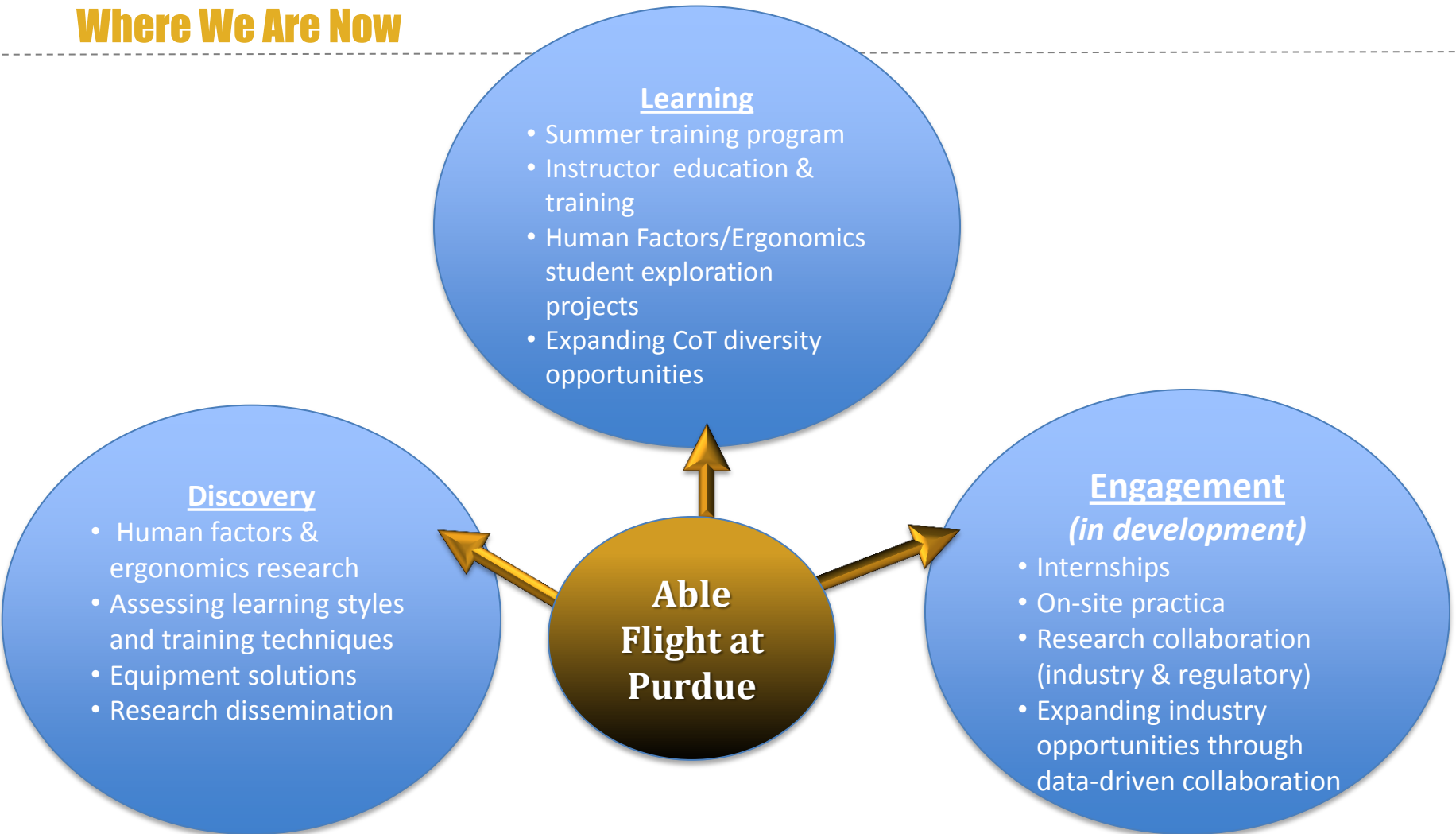
❖ Sport Pilot's License:

- ❖ Students receive at least 15 hours of instruction and 5 hours solo in a modified light sport aircraft
 - ❖ Must complete one flight longer than 75 nautical miles
 - ❖ Must pass a Federal Aviation Administration oral and practical exam with a Designated Pilot Examiner
- ❖ Students complete a ground school course on aviation and aerodynamic principle
 - ❖ Must pass a Federal Aviation Administration written exam



Current Areas of Investigation

Where We Are Now





Able Flight at Purdue

PURDUE
UNIVERSITY

Able Flight







able accomplish aircraft airplane allow also always amount answer anything ask atc
aviation away becoming better calls certificate challenge check confidence country course day
detail different done earlier easier end even everything excited experience explained extremely first
flight fly force forget get give got great greatest ground hanger
helped hope information instructors just know
learning lesson life like limitations little look lot made
make material meeting memories much never new one part pilot possible
program Purdue put questions ride school soloing someone something story students
succeed talk tell test things think time understand university want way
work weather week well

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