EHR Core Research (ECR) Virtual Poster Hall

Title: The Effects of Geographic Locale on Access to Work-Related Experiential Activities

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Purpose

This three-year, multi-institution study will examine students' access to work-related experiential activities (WREAs) relative to their geographic proximity to major economic and workforce regions.

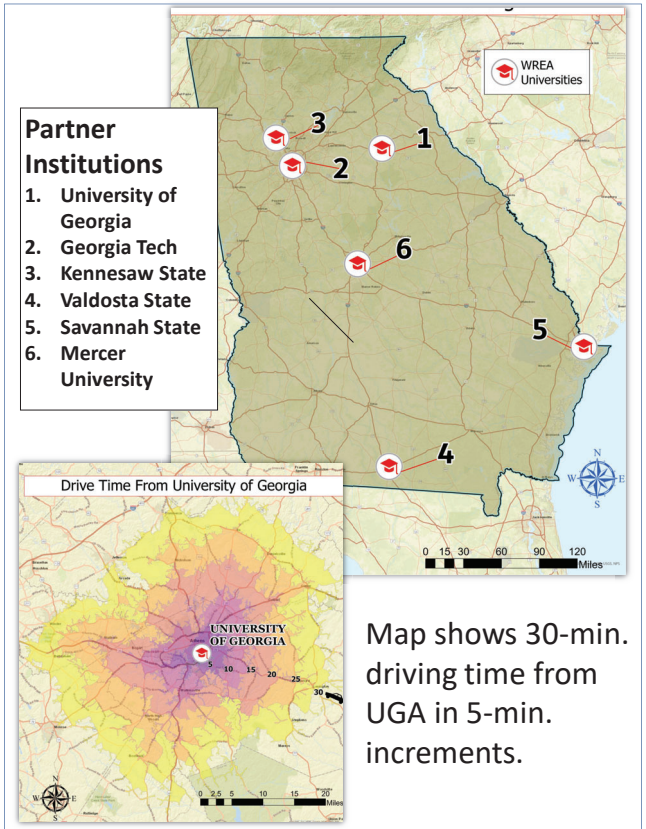
Geospatial Data and Methods

Spatial data:

- Occupational profile of surrounding areas
- Businesses or other WREA possibilities
- Access to amenities

Analysis methods:

- Develop an Opportunity Index for census tracts near each university.
- Assess geographic factors affecting WREA selections
  - Proximity to opportunities
  - Local amenities
  - Distance from WREA to home and school



Map shows 30-min. driving time from UGA in 5-min. increments.

Mixed Methods

- Surveys
- Individual, semi-structure interviews
- Integration with geospatial data

Participants

- Fields: engineering and computer science
  - Recently hired alumni recruiters
  - Employers
  - University Career Center staff
  - Student survey respondents

Timetable Years 1-3

Develop (Year 1)
- Pilot survey instruments and interview protocols
- Gather data from current literature and career fairs
- Draft geospatial mapping

Data collection (Years 1-2)
- Administer Year 1 and 2 surveys
- Conduct zoom interviews
- Construct geospatial mapping and geomaps

Analysis (Years 1-3)
- Transcribe interviews and code
- Conduct statistical analysis of survey data
- Analyze geospatial data
- Integrate findings

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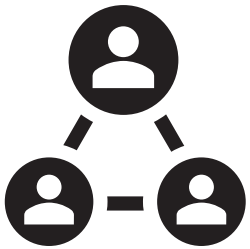
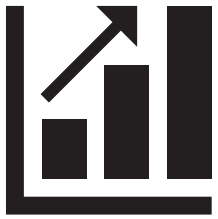
Title
PIs
Institution(s)

Finding(s)

Increasing the frequency of feedback increases student learning.



Results



A	B	C	D	E
143	15.5	0.4	370	17.3
102	14.8	0.04	240	16.9
110	17.5	0.1	423	18.2
156	11.8	0.02	9	15.7

Methods

- Subjects
- Sample sizes
- Independent variables
- Dependent variables
- Analysis methods

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