What happens when we get students up out of their chairs?

~George D. Kuh
High-Impact Educational Practices

- Service Learning/Community-Based Learning
- Undergraduate Research
- Diversity/Global Learning
- Common Intellectual Experiences
- Collaborative Assignments/Projects
- First-Year Seminars/Experiences
- Learning Communities
- Writing Intensive Courses
- ePortfolios
- Capstone Courses/Projects
- Internships

(Kuh, 2008)
BENEFITS

- **Degree Completion** (Lockeman & Pelco, 2013; Yue & Hart)
- **Undergraduate Persistence** (Reed, Rosenberg, Statham, & Rosing, 2015)
- **Future Career Plans & Early Job Attainment** (Miller, Rocconi, & Dumford, 2018)
- **Disproportionate Benefit for Students Deemed Least Likely to Succeed** (Lockeman & Pelco, 2013)
Service-Learning Courses

Collaborative partnership between college and community

Applying academic knowledge and critical thinking skills

Reflection and assessment leading to deeper understanding of course content and civic engagement
Course-based Undergraduate Research Experiences (CUREs)

- Allow faculty to combine research and teaching
- Provide students opportunities to conduct authentic research
  - Novel questions
  - Student-generated questions
  - Development of a hypothesis
  - Experimental design
  - Data Collection
  - Data Analysis
  - Presentation or Publication of results
2013-2019
UAB Faculty Fellows in Service Learning

Number of Faculty Fellows in Engaged Scholarship
2017-2019 Faculty Fellows in Undergraduate Research

Number of Faculty Fellows in Undergraduate Research

- **CAS**: 10
- **ED**: 1
- **HP**: 1
- **NUR**: 1
Office of Service Learning and Undergraduate Research

- Trains faculty
- Supports courses
- Trains students
- Provides opportunity to present and publish
- Facilitates relationships between
  - Community and UAB
  - Researchers and students
Service Learning Courses

- Number of SL Courses
- SL Enrollment
- SL Credit Hours

Year: 2009-2010 to 2017-2018

- 2009-2010: 685
- 2010-2011: 68
- 2011-2012: 912
- 2012-2013: 2777
- 2013-2014: 3347
- 2014-2015: 4425
- 2015-2016: 5355
- 2016-2017: 8020
- 2017-2018: 9197
Sample Service Learning Course

PUH 333 Food, Water, and Air is a service learning designated course that has been offered since 2012.

Students learn about issues of environmental sustainability by working with non-profits that address food security and water and air quality.
Sample Undergraduate Research Course

Denise Monti, one of our initial Faculty Fellows in Undergraduate Research

has offered Phage Genomics I and II, BY 213/BY 214 since 2011. These courses are Course-based Undergraduate Research Experience (CURE) classes.

She is developing a new CURE called Synthetic Biology.
Potential Models

Service Learning
- Tulane University
- Indiana University Bloomington
- University of San Francisco
- Elon University

Undergraduate Research
- Columbia University
- University of Maryland (FIRE)
- University of North Alabama (QEP)
- University of Texas Austin
Tulane - Service Learning Requirement

Public Service - The Center for Public Service administers the public service requirement of the undergraduate core curriculum. The guiding principle of the center includes the belief that public service, rooted in an academic context while growing into other areas of service, contributes to the development of student civic engagement.

The undergraduate public service graduation requirement is grounded in a sustained sequence of learning articulated by the center’s mission. INSTITUTING A CUMULATIVE AND REFLECTIVE GRADUATION REQUIREMENT MAKES EXPLICIT THE IDEAL THAT EDUCATION UNITING PUBLIC SERVICE AND SCHOLARSHIP CAN BE A TRANSFORMATIVE EXPERIENCE.

To complete the public service graduation requirement, students, throughout their undergraduate experience, will:

1. Successfully complete one service-learning course at the 1000-, 2000-, or 3000-level by the close of their fifth semester at Tulane.

2. During their sophomore, junior, or senior year (after two semesters of coursework or after 24 credit hours), participate in one of the following Center for Public Service-approved programs (at the 3000-level or above): • Service-learning course • Academic service-learning internship • Faculty-sponsored public service research project/independent study • Public-service honors thesis project • Public service-based study abroad program • Capstone experience with public service component
Conclusion

High Impact Educational Practices give all students opportunities to integrate, synthesize, and apply knowledge thus creating deep, meaningful learning experiences.
Questions?