Re-Imagining the College

Strategic Planning Sub-group
Faculty Retreat
February 2, 2018
Data Science: Digital Diversity Center

- Need for training and research in data science to address 21st century challenges and opportunities
  - local to global dimensions (e.g., climate change, immigration)
- Research
  - Acquisition, analysis, and visualization of large data sets impacting South Florida, the Americas, and the globe
  - Digital humanities
  - Gender, racial, ethnic diversity of trainees and users
- Training/degree opportunities:
  - Certificate programs
  - Mini-masters or badges in programming
  - MOOCs in Data science
  - Interdisciplinary masters
  - Coding camps?
- Mechanisms
  - Cluster hire
  - Tie-ins with other initiatives (Center for Computational Science)
Department/program that focuses on local/Miami issues:

- Migration
- Public Policy
- SOC, POL, PSY, MLL, GEG
- Cluster hire?
Some departments (e.g. CHM, PSY) have undergraduate research courses
But others lack this mechanism
A&S-wide support for undergraduate research in departments
  • Facilitate path for every department to have a research course option
Tie-ins
  • Honors at the departmental level
  • Enriched majors
  • Beyond the Book
  • Internships/Experiential learning
  • Certificate (e.g. for doing research in multiple departments)
Additional support/technologies for faculty

– Structure for innovation
  • Facilitating faculty access to instructional technologies
    – E.g. flipped classroom
  • Office for instructional technology can demo for departments
  • Include resources in the A&S e-newsletter/website?

– Support for online courses/MOOCs
  • Discussion sections for large courses in humanities, or maybe science
  • Work with DCIE to develop

– Communication across the college
  • Website improvements
  • Newsletter: look and feel more like e-Veritas

– Centralized platform
  • Overall
  • And to support departmental conferences
How can we make A&S better generally?

– Adjunct/NTT salaries
  • Paid less than FIU lecturers
  • Some depts. have more Adjunct/NTT than others
  • We need to retain quality faculty

– Grad student stipends

– Are departments funded equitably?

– Faculty travel: centralized/equitable