



IRC Minutes

Friday, February 26, 2016

1. Announcements

- BMCC has a new assessment director, Marjorie Dorime-Williams, formerly of Baruch.
- AIR conference early bird registration ends today.
- Discussion of Tableau and issues with ADA compatibility were raised.

2. IPEDS Outcome Measures survey and AAUP data (Biana Perelshteyn, OIRA)

- New IPEDS measure on cohorts of degree-seeking undergraduates: FT & PT, New Freshmen & Transfers make up the four different cohorts of new students. Fall 2007 cohort.
- This year we are showing awards earned at the home institution 6 years out. For 8 year outcomes, the Clearinghouse data is needed.
- Discussion of National Student Clearinghouse Data: Central first removes all CUNY data, since they depend on IRDB for this. Typically, Clearinghouse is only used to supplement the data. Still issues in getting the majors included.
- A proposal is being discussed at IPEDS to include a new cohort that includes only Pell recipients. If this happens the first year will be 2017-18.
- Faculty compensation survey, looking at Full-time faculty. Aggregated by rank and by gender. Substitutes and Visiting faculty are included. Salaries are summarized, and benefits. Includes a prior year.
- A new form this year for part-time numbers. Here the overload category is included as parttime. This is different from IPEDS criteria, where only the primary position is included

3. Presentation: Math, Retention & Graduation in Engineering (Annita Alting, CCNY)

- Based on two studies:
 - The Influence of Math Preparation on Student Success an attempt to look at admission criteria for the Engineering School. How much time do students need to get up to speed on their mathematics to get to the Calculus level required for Engineering work. This would affect graduation rates, and could impact retention and achievement. A regression model was created to predict success on several measures, including math entry level in the first semester. Success defined as cumulative GPA, average # of credits passed, retention & graduation. This was based on the Fall 1999 cohort. Since then the

ethnic composition of the school has changed enormously. In addition, the largest department in 1999 was computer science and now it is mechanical engineering, which was only a small department in 1999. They also have seen a large change in the initial math level of students. Now ¾ start in Calculus 1 or higher. Discussion of how variables were chosen as potential predictors. Much of the findings went into their admissions criteria.

- o Follow-up study in 2012
 - Policy changes affected the populations for the 2004 and 2008 cohorts. Most students who could not start at pre-calculus were much more likely to leave engineering after 3 years. Many of these students move to other majors within the college. Students in a summer immersion program who come up to speed in calculus do seem to be able to succeed. Lower starting levels in math also delay the students' ability to enroll in physics.

Next Council Meeting March 25, 2016