

Office of Institutional Research
2012-13 Accomplishments

This year, the Institutional Research Office focused on a few major projects, rather than trying to do the wide variety of research we were able to do with a larger staff. With our current staff of two very part-time student assistants, one very part-time programmer, and a full-time faculty Coordinator, we still completed almost 200 new programming requests or projects.

In addition, I responded to countless “just-in-time” requests for existing data or research from faculty, administrators, and classified professionals that came via email, phone, or various campus meetings. These requests sometimes became the seed of larger projects.

The major projects are outlined below, with [links](#) to many of the products. They fall into these groups:

Large research projects

Grant evaluation or development projects

Smaller research projects

Many thanks to the dedicated classified professionals, faculty, and administrators who participated in the research projects, requested and used the research, and/or supported the IR Office so we could do the research. Your commitment, creativity, and professionalism inspire me.

Carolyn Arnold, Ph. D.

Coordinator, Institutional Research, Room 231, x6965

carnold@chabotcollege.edu

Large research projects

1) Developed a way to measure progress on the strategic plan goal for PRBC

The Institutional Research Office is responsible for determining whether we are “increasing the number of students who achieve their educational goal in a reasonable time.”

One number would not fairly represent all our students, because they have many different goals and take many different paths through Chabot. In order to accommodate those different goals and paths, I identified 10 distinct groups of students that pass through Chabot at different speeds, from different starting points, and towards different goals.

By looking at these “educational goal” groups separately, it allows us to identify which groups quickly achieve their goals and which groups need more time or support, so that a ‘reasonable time’ can be determined for each group. This mirrors what the students are actually doing at Chabot, rather than just what they say they want. Then interventions can be focused on the students who need the most support, rather than assuming that all students need assistance. In addition, equity by ethnicity and other characteristics can also be monitored.

For a quick introduction to this approach, see this slideshow:

www.chabotcollege.edu/IR/StudentSuccess/StuEdGoalGrps1aIntro.pdf

For the PRBC presentation on measuring progress of the groups towards their ed goals, see:

www.chabotcollege.edu/IR/StudentSuccess/StuEdGoalGrps1bOutlinePRBCpresMay8.pdf

To find the related handouts, scroll down to “Measuring Progress on the Strategic Plan Goal” on the Success and Outcomes page of the IR website: www.chabotcollege.edu/IR/success.asp

Large research projects (continued)

2) Estimated the English and Math needs of high unit students

These analyses were used to help determine the bottlenecks in college-level and basic skills

English: www.chabotcollege.edu/IR/StudentSuccess/HiUnitStudentsEngNeedsF12.pdf

& Math: www.chabotcollege.edu/IR/StudentSuccess/HiUnitStudentsMthNeedsF12.pdf

3) Provided equity data to support the Equity and Poverty Group and HSI grant.

These tables show the differences by race-ethnicity and gender for all college-level and basic skills student outcomes such as success, persistence, degrees, and transfer:

www.chabotcollege.edu/IR/StudentSuccess/EquityDatabyEthnicity.pdf

www.chabotcollege.edu/IR/StudentSuccess/EquityDataEthnicitybyGender.pdf

These charts show how parent's education and family income vary by ethnicity:

www.chabotcollege.edu/IR/StudentCharacteristics/Income&ParentsEducationbyEthnicityFall11.pdf

4) Updated student characteristics and success data on the IR website:

Go here for all your questions about Chabot student characteristics:

www.chabotcollege.edu/IR/demographics.asp

Go here for anything related to student success and outcomes:

www.chabotcollege.edu/IR/success.asp

Note the "Chabot College Student Outcomes at a Glance: Fall 2012" on the top of that page:

www.chabotcollege.edu/IR/StudentSuccess/ChabotOverallOutcomesF12.pdf

5) Updated Basic Skills data to monitor the results of our many interventions.

Scroll down to the Basic Skills Research area of the Student Success and Outcomes page to find the latest on English, Math, and ESL Basic Skills courses and research:

www.chabotcollege.edu/IR/success.asp

6) Provided program review success and equity data for all courses, course sequence data for all sequences, and EMC data for all sections.

"Program Review Data for Faculty" can be accessed from the PRBC website as well as from the left menu of the IR website: www.chabotcollege.edu/programreview/Data2012.asp

Grant evaluation or development projects

A major portion of IR time goes towards evaluating and monitoring grants we have, as well as contributing research to developing grants. This year, IR time went to the following grants:

1) Title III Strengthening Institutions Grant and state Basic Skills funding

- Provided research to maintain eligibility for Title III and Title V grants
- Calculated success and persistence in Title III/Basic Skills-funded sections
- Conducted the Student Engagement Survey each semester in all funded sections

2) Hayward Promise Neighborhoods (HPN)

- Identified Chabot students from HPN neighborhoods and schools
- Provided past success and achievement data to set benchmarks for future cohorts

3) NIH Bridges to the Baccalaureate

Identified students in science and math courses for internship and UCB opportunities

4) CCAMPIS (Child Care Access Means Parents in School) Program

Provided persistence and completion data for Chabot students using Childcare Center

Grant evaluation or development projects (continued)

5) Math, Engineering, and Science Achievement (MESA)

Determined progress of cohorts of educationally disadvantaged students in STEM areas

6) Title V: Strengthening Institutions grant for Hispanic –Serving Institutions (HSI)

Provided educational goal group and equity group data to determine focus of grant.

Smaller research projects

1) ARCC (Accountability Report for the Community Colleges) / Student Success Scorecard

Presented interesting 2012 ARCC results to the Board, drafted the official college response to the 2012 ARCC, reviewed the 2013 Scorecard data, drafted the college description, and developed a factsheet to help interpret the Chabot Scorecard results. For the interesting ARCC results see:

www.chabotcollege.edu/IR/StudentSuccess/ARCC_2012_Chabot_LPC_5minPres.pdf

For the Chabot College Scorecard rates, see:

<http://scorecard.cccco.edu/scorecardrates.aspx?CollegeID=482>

For the facts behind the Chabot College Scorecard rates, see:

www.chabotcollege.edu/IR/StudentSuccess/Scorecard2013ChabotFacts2.pdf

2) Nursing Selection process

Evaluated success, persistence, and disproportionate impact of the new process

3) Distance education success rates

Monitored success of online vs. classroom sections

4) Graduation surveys at 2013 Graduation.

Every other year, we collect exit data from degree and certificate graduates at graduation. We ask about their experience at Chabot, their plans for the fall, and how much they learned of the college-wide learning goals.

For past surveys see the “Degree and Certificate Graduates” area on the IR website Success and Outcome page: www.chabotcollege.edu/IR/success.asp

Bookmark the Institutional Research website!

To have access to the latest research, bookmark the main page: www.chabotcollege.edu/IR/

Then for specific topics, go to these pages of the Institutional Research website:

Student Characteristics: www.chabotcollege.edu/IR/demographics.asp

Student Success and Outcomes: www.chabotcollege.edu/IR/success.asp

Student Surveys: www.chabotcollege.edu/IR/satisfactionsurveys.asp

Staff Characteristics and Surveys: www.chabotcollege.edu/IR/staffchars_surveys.asp

Strategic Planning Data: www.chabotcollege.edu/IR/environmentalscans.asp

Program Review Data for Faculty: www.chabotcollege.edu/programreview/Data2012.asp

Local Demographics, Education, and Employment: www.chabotcollege.edu/IR/localstats.asp

Links to other Data and Research: www.chabotcollege.edu/IR/links.asp

Research Agendas & Accomplishments: www.chabotcollege.edu/IR/Comp.asp

If you can't find what you're looking for, contact me: carnold@chabotcollege.edu

Upcoming in Fall 2013

In Fall 2013, it will be time to conduct the Accreditation surveys for the students and the staff. I look forward to working with the Accreditation committees to create surveys that support their inquiries.