

Office of Institutional Research 2017-18

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2017-18 Accomplishments

It was a busy year! The Institutional Research staff surveyed, analyzed, evaluated, assessed, and produced a multitude of research products for a variety of Chabot programs and services. We could not have done it without the hard work of our congenial, productive Student Research Assistants.

It was a bittersweet year. As Carolyn prepared to retire and turn over the IR office to our new imminently qualified Coordinator, she savored every day of working with the IR staff and all of you.

Many thanks to the dedicated classified professionals, faculty, administrators, & students who made it a satisfying year by working with us on projects, requesting research, conducting surveys, and inspiring us to conduct research that reflected the successes of their academic and student programs.

Carolyn Arnold, Ph.D., Coordinator

Na Liu, Ph.D., Research Analyst

We worked on the following **major research projects**. Details and **links** are on the following pages.

THE FALL 2017 STUDENT SATISFACTION SURVEY

PROGRESS ON THE STRATEGIC PLAN GOAL

PROGRAM REVIEW DATA: COURSE SUCCESS, COURSE SEQUENCE, & ENROLLMENT MANAGEMENT

ASSESSMENT RESEARCH AND AB 705 PREPARATION FOR ENGLISH, MATH, AND ESL

STUDENT EQUITY PLAN EVALUATIONS

SASE AND BASIC SKILLS RESEARCH INDICATORS AND UPDATES

SURVEYS ON: ECD STUDENTS, ECD EQUITY FILM, ETHNIC STUDIES SPEAKERS & SUMMIT, EQUITY

TRAINING, MATH JAM, SOCIAL SCIENCE OPEN HOUSE, TRANSFERS, VISUAL ARTS SPEAKERS

IR WEBSITE UPDATES ON STUDENT CHARACTERISTICS, SUCCESS & OUTCOMES, AND SURVEY PAGES

We **prepared data and facilitated discussions** about several **federal and state mandated reports**:

STUDENT SUCCESS AND SUPPORT PROGRAM (SSSP) DATA

STUDENT ACCESS, SUCCESS, AND EQUITY (SASE) COMMITTEE INTEGRATED PLAN OBJECTIVES

ACJCC INSTITUTION-SET STANDARDS & STATE INSTITUTIONAL EFFECTIVENESS INDICATORS

FEDERAL GAINFUL EMPLOYMENT CERTIFICATE PROGRAM DATA

We **provided grant-related research**:

GRANT DEVELOPMENT (DATA FOR 4 MAJOR GRANTS SUBMITTED)

GRANT EVALUATION (DATA FOR 5 MAJOR ONGOING GRANTS)

We **produced research** for:

147 RESEARCH AND PROGRAMMING REQUESTS

COUNTLESS "JUST-IN-TIME" REQUESTS FOR EXISTING DATA OR RESEARCH FROM COLLEGE STAFF

We **presented research** to campus committees and the Board of Trustees

12 PRESENTATIONS ON CAMPUS OR AT DISTRICT OFFICE

We **disseminated research via 32 Emails OF RESEARCH BYTES** to the campus.

Major Research Projects

FALL 2017 STUDENT SATISFACTION SURVEY

Conducted survey in 77 classes, and produced 17 highlights and 5 detailed reports.

PROGRESS ON THE STRATEGIC PLAN GOAL: MILESTONES AND COMPLETIONS

Analyzed progress and presented results to PRAC in December and May.

PROGRAM REVIEW: COURSE SUCCESS, COURSE SEQUENCE, & ENROLLMENT MANAGEMENT DATA

Produced an interactive course enrollment and success dashboard for faculty.

Produced the course sequences and EMC data files and uploaded to the web.

ASSESSMENT RESEARCH AND AB 705 PREPARATION FOR ENGLISH, MATH, AND ESL

ENGLISH CUT SCORES & MULTIPLE MEASURES (MM)

Worked with English faculty to evaluate cut scores and multiple measures outcomes.

MATH MULTIPLE MEASURES (MM) AND HS TRANSCRIPTS

Worked with Math faculty and ITS to evaluate use of HS Transcript multiple measures.

ESL ACCUPLACER RESEARCH

Worked with ESL Faculty to evaluate effectiveness of Accuplacer and multiple measures.

STUDENT EQUITY PLAN EVALUATIONS

Updated and reported on progress on overall Student Equity Indicators through Fall 17.

Summarized and reported on evaluations for twenty-five 2016-17 projects.

SASE AND BASIC SKILLS RESEARCH INDICATORS AND UPDATES

Developed success and equity indicators for Integrated SSSP/Equity/Basic Skills Plan

SURVEYS ON: ECD STUDENTS, ECD EQUITY FILM, ETHNIC STUDIES SPEAKERS & SUMMIT, EQUITY TRAINING, MATH JAM, SOCIAL SCIENCE OPEN HOUSE, TRANSFERS, VISUAL ARTS SPEAKERS

Developed and conducted these surveys by working with faculty to define their needs

Measured the challenges of being a student parent for the ECD faculty.

Evaluated the effects of staff equity training and equity-funded speakers and events.

Evaluated the effects of the Social Science Open House on student goal clarification.

IR WEBSITE UPDATES ON STUDENT CHARACTERISTICS, SUCCESS & OUTCOMES, AND SURVEYS.

Updated or added 300+ pages of research highlights, bringing the website up to date.

Grant evaluation and development

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:

GRANT DEVELOPMENT (4 PENDING GRANTS)

National Science Foundation (NSF) Scholarships in STEM, Mental Health, Foster Youth, and National Science Foundation for Hispanic Serving Institutions.

GRANT EVALUATION (5 MAJOR ONGOING GRANTS)

1) Career Pathways Trust (CPT) Grant

Worked with CPT to track their students

2) Title V Hispanic Serving Institution (HSI) Grant

Refined grant objectives; provided updates for HSI Steering Committee and Evaluator.

3) NIH Bridges to the Baccalaureate

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

4) Basic Skills Students Outcomes Transformation (BSSOT) Project in Math

Tracked students completing college-level/ transfer-level Math courses.

5) MESA/TRIO Stem

Validated our MESA/TRIO flags and conducted outcomes analyses.

Selected Research Highlights

- [Degrees: Highest number of degrees in Chabot history](#)
- [Degrees: Increases benefit Latinos, Dreamers, African Americans, Filipinos, Asians](#)
- [Race-ethnicity: Two ways to describe our multi-cultural, multi-ethnic student body](#)
- [African American students: Presentation on African Americans at Chabot](#)
- [Peer Group Colleges: Using them to set Institution-set standards.](#)
- [Survey results: Campus climate still high](#)
- [Survey results: Financial challenges of students](#)
- [Survey results: How instructors encourage students to be engaged](#)

Selected Presentations

- 1) **October 2017: To Board of Trustees**
Highlights of 2017 Student Success Scorecard, Institutional Effectiveness Indicators, and Use of Multiple Measures in Assessment
See [Institutional Effectiveness](#) on IR website. For presentation see [here](#).
- 2) **October 2017: To Planning and Resource Allocation Committee (PRAC)**
Institutional Effectiveness Indicators, Institution-set Standards, and the Use of Peer Group Colleges to set Goals
See [Institutional Effectiveness](#) on IR website. For presentation see [here](#).
- 3) **December 2017: To Planning and Resource Allocation Committee (PRAC)**
Are we Making Progress on the Strategic Plan since we started in 2013?
See [Measuring Progress on the Strategic Plan](#) on IR website. For presentation see [here](#).
- 4) **May 2018: To Planning and Resource Allocation Committee (PRAC)**
How does progress on the Strategic Plan relate to the completion mandate?
See [Measuring Progress on the Strategic Plan](#) on IR website. For presentation see [here](#).

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:

- Research Agendas & Accomplishments: www.chabotcollege.edu/IR/Accomp.asp
- Student Data
 - Characteristics: www.chabotcollege.edu/IR/demographics.asp
 - Success and Outcomes: www.chabotcollege.edu/IR/success.asp
 - Surveys: www.chabotcollege.edu/IR/satisfactionsurveys.asp
 - Institutional Learning Outcomes: www.chabotcollege.edu/ir/cwlg.asp
- Staff Characteristics and Surveys: www.chabotcollege.edu/IR/staffchars_surveys.asp
- Strategic Planning Data:
 - Measuring Progress: www.chabotcollege.edu/IR/stplanprogress.asp
 - Environmental Scans: www.chabotcollege.edu/IR/environmentalscans.asp
- Program Review Data for Faculty: www.chabotcollege.edu/programreview/Data2018.asp
- Local Demographics, Education, and Employment: www.chabotcollege.edu/IR/localstats.asp
- Links to other Data and Research: www.chabotcollege.edu/IR/links.asp

If you can't find what you're looking for, contact:

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