Miramar College-wide Research Agenda

2016-2017

San Diego Miramar College Research Sub-committee

1/22/2016

Approvals

Research Sub-committee:

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Xi Zhang, Chair

Planning & Institutional Effectiveness Committee:

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Daniel Miramontez, Co-Chair

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Naomi Grisham, Co-Chair

Academic Senate:

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Marie Mc Mahon, President

Classified Senate:

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Terrie Hubbard, President

College Executive Committee:

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Patricia Hsieh, President

College-wide Research Agenda Overview and Introduction

The purpose of a research agenda is to help organize and prioritize research requests that might otherwise be disjointed or not integrated into college-wide planning and decision making, and to improve the quality of the data and information used on campus. The process for developing, updating, and using a research agenda is equally as valuable as the research agenda itself. It serves as a vehicle for dialog and a way in which to move beyond a culture of evidence to a more integrated culture of inquiry and action. More importantly, it provides a mechanism for collaborative inquiry, which helps build research expertise throughout the college going beyond isolated pockets of the college.

The research that is included in the research agenda supports the major activities and initiatives that serve the broader functions on campus (e.g., strategic planning, enrollment management, budget development, program review, accreditation, grant development, Basic Skills, Outcomes and Assessment). They are typically recurring research requests that have clearly defined indicators and metrics attached to them (e.g., success indicators and successful course completion rates, transfer rates, and number of awards conferred). These recurring research requests are organized by the Miramar College Strategic Goals (listed as following), and linked to the College's plans and initiatives, and indicators in the Strategic Planning Assessment Scorecard (SPAS). Primary end users/responsible groups are also identified and suggested for each research request. The links are built to strengthen the integration of research into college-wide planning and overall achievement of Miramar College. A feedback mechanism is also built in for continuous quality improvement.

> **Goal 1:** Provide educational programs and services that are responsive to change and support student learning and success.
> **Goal 2:** Deliver educational programs and services in formats and at locations that meet student needs.
> **Goal 3:** Enhance the college experience for students and the community by providing student centered programs, services, and activities that celebrate diversity and sustainable practices.
> **Goal 4:** Develop, strengthen, and sustain beneficial partnerships with educational institutions, business and industry, and our community.

Research that is narrow in focus or responds to a singular interest or one-time event or activity may occur under ad hoc requests that are handled separately using the Miramar College research request and prioritization process. Miramar College's Institutional Research website has detailed information.

ACRONYMS AND ABBREVIATIONS

BSI – Basic Skills Initiative
BTCWI – School of Business, Technical Careers, & Workforce Initiatives
CCCCO – California Community Colleges Chancellor's Office
CEC – College Executive Committee
CTE – Career Technical Education
DSPS – Disability Support Programs & Services
EMS – Enrollment Management System
EOPS – Extended Opportunities, Programs & Services
ESOL – English for Speakers of Other Languages
FTEF – Full-time Equivalent Faculty
FTES – Full-time Equivalent Students
GPA – Grade Point Average
IEPI – Institutional Effectiveness Partnership Initiative
ILC – Independent Learning Center
IRP – Institutional Research and Planning
PIEC – Planning and Institutional Effectiveness Committee
POS – Point-of-Service
PPT – PowerPoint
PRIE – Planning, Research and Institutional Effectiveness
SDCCD – San Diego Community College District
SEP – Student Equity Plan
SPAS – Strategic Planning Assessment Scorecard
SSSP – Student Success Support Program
VPI – Vice President of Instructions
VPSS – Vice President of Student Services
WSCH – Weekly Student Contact Hours

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College Goals	Research Questions	Target Population	Current/Planned Research	Research Design/Method	Timeframe & Source	Implication & Application		
						Strategic Planning Assessement Scorecard (SPAS) Indicator/Measure	Links to College Plans & Initiatives	Primary End User/ Responsible Group
Goals 1-4	What changes in the local community, labor market, and educational environment are likely to affect Miramar College?	Potential new student populations; former Miramar College students; local employers and industries; other educational institutions.	**Environmental Scan on Communities Served by San Diego Miramar College (Fall 2017 -- Spring 2020)**	Scan the external environment impacting Miramar College including demographic, educational, and economic changes at the state and national levels.	3-year cycle; Miramar College Office of Planning, Research and Institutional Effectiveness (PRIE)	n/a	Strategic Plan; Student Equity Plan (SEP); Marketing and Outreach Plan	Planning and Institutional Effectiveness Committee (PIEC); Marketing Committee; Out-reach; College-wide;
			Perkins Core Indicator Reports	Annual post-graduation employment of vocational education students	Annual; District Institutional Research and Planning (IRP)	n/a	Strategic Plan; SEP; Career Technical Education (CTE) Plan	School of Business, Technical Careers, & Workforce Initiatives (BTCWI) Dean/Career Technical Education (CTE) Programs;
			Strong Workforce	Trend study of successful course completion, gain of new skills, completion of degrees and certificates, More transfers, Employment and getting jobs in field of study, earning of more and at least a living wage	Annual; Miramar College Office of PRIE	n/a	Strategic Plan; Career Technical Education (CTE) Plan	School of Business, Technical Careers, & Workforce Initiatives (BTCWI) Dean of MBEPS; Dean of PS/Career Technical Education (CTE) Programs; Career Coordinator
Goal 4	What are the enrollment characteristics of incoming freshmen and how do they perform?	Incoming freshmen students from feeder high schools and non feeder high schools	**High School Pipeline Report**	Trend study of enrollment by demographic segments, placement, success, retention, and average units completed	Annual; District IRP & Miramar College Office of PRIE	n/a	Student Success Program (SSSP); Basic Skills Initiative (BSI) Action Plan; Strategic Plan	Outreach Coordinator; Public Information Officer; BSI Coordinator; Vice President of Instructions (VPI); Associate Dean of Student Equity and Academic Success
Goal 4	What are the enrollment characteristics of incoming freshmen who received college credit for pre-approved Career Technical Education (CTE) courses in high school? How do they perform?	Incoming freshmen students from feeder high schools who received college credit for pre-approved CTE courses in high school	**CTE Transition Student Report**	Cohort tracking study of enrollment, course taking behaviors & student outcomes at San Diego Community College District (SDCCD)	Annual; District IRP	n/a	Strategic Plan; CTE; SSSP Plan	BTCWI Dean; VPI; Articulation Officer;

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Goals 1-4	What are the characteristics, persistence, outcomes, completion, productivity and efficiency of the current Miramar College general student population?	Current Miramar College general student population	Student Profiles	Single semester headcount profile of students by age, gender, ethnicity, enrollment status, residency, income, ed. goal, & units attempted by entire college population and by online college population	Semester; District IRP	n/a	Strategic Plan; all Division Plans; SSSP Plan; Student Equity Plan; Facilities Master Plan; Marketing and Outreach Plan	PIEC; Marketing Committee; Outreach; College-wide; Public Information Officer;
			Fact Book and Awards Conferred Supplement	Five-year trend information on: headcount by demographic segments of interest, success, retention, awards conferred, transfer, (Full-time Equivalent Faculty (FTES), persistence, & human resources	Annual; District IRP & Miramar College Office of PRIE	I.I.2. Degrees and Certificates Awarded; I.I.4. Associate Degree for Transfer (ADT); II.I.3a. Course Fill Rates; II.I.3b. Enrollments; II.I.4a. Successful Course Completion Rates; II.I.4b. Course Retention Rates	Strategic Plan; all Division Plans; SSSP Plan; Student Equity Plan; Human Resources Plan; Facilities Master Plan; Marketing and Outreach Plan	PIEC; Marketing Committee; Outreach; College-wide; Public Information Officer; Transfer Center Director;
			Facts on File	Handy reference book containing fingertip facts & figures such as enrollment, student outcomes, & human resources information	Annual; District IRP	n/a	Strategic Plan; all Division Plans; SSSP Plan; Student Equity Plan; Human Resources Plan; Facilities Master Plan; Marketing and Outreach Plan	PIEC; Marketing Committee; Outreach; College-wide; Public Information Officer; Transfer Center Director
			Institutional Effectiveness Scorecard	Scorecard summary of student characteristics, enrollments, outcomes, & satisfaction which are linked to Miramar's Strategic goals & strategies	Annual; District IRP	II.I.I. Number of Course Sections; II.3.1. Distribution of Course Offerings;	Strategic Plan; all Division Plans; SSSP Plan; Student Equity Plan; Human Resources Plan; Facilities Master Plan; Marketing and Outreach Plan	PIEC; Marketing Committee; Outreach; College-wide; Public Information Officer; Transfer Center Director
			Transfer Study	A longitudinal trend analysis of student transfers including transfer rate & volume	Annual; District IRP	I.I.I-1. Transfer Volume; I.I.I-2. Transfer Rate; I.I.I-3. Transfer Prepared Rate	Strategic Plan; all Division Plans; SSSP Plan; Student Equity Plan; Human Resources Plan; Facilities Master Plan; Marketing and Outreach Plan	PIEC; Marketing Committee; Out-reach; College-wide; Public Information Officer; Transfer Center Director
			SPAS	Apply the Balanced Scorecard (BSC) methodology to strategically and comprehensively measure institutional effectiveness of the College	7-year Cycle; Miramar College Office of PRIE	All SPAS indicators	All plans	All groups

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Goals 3 & 4	Where do Miramar College students live?	Miramar College student population	**Headcount by Zip code**	Annual analysis of headcount by zip code for college-wide and program level	Annual; Miramar College Office of PRIE	n/a	Outreach Recruitment; Strategic Plan; Student Equity Plan	Outreach Coordinator; Public Information Officer; Associate Dean of Student Equity and Academic Success; VPSS; VPI
Goal 3	How do the demographic characteristic of Miramar College students compare to its service area?	Miramar College student & service area populations	**Students & Service Area Diversity PPT**	Profile student population relative to service area population across gender, ethnicity, & age	Annual; District IRP	n/a	Outreach Recruitment; Strategic Plan; Student Equity Plan	Outreach Coordinator; Public Information Officer; Associate Dean of Student Equity and Academic Success; VPSS; VPI
Goals 1-3	What are the course enrollment trends?	Courses and sections	**Chancellor's Cabinet Report**	Five-year trend analysis of programs by semester, courses, and demographic segments of interest for each indicator listed: Sections; Caps; Census Enrollment; Census Headcount; Success Rates; GPA; Retention Rates; Load for Full-time Faculty; Load for Part-time and Overload Assignments; WSCH; WSCH/FTEF; Wait list	Annual; District IRP	n/a	Instructional Program Review; Accreditation; Institutional Effectiveness; Strategic Plan; all divisional plans; all operational plans	Department Chairs & Deans; VPI; Associate Dean of Student Equity and Academic Success; VPSS; PIEC; Marketing Committee

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Goals 1-2	What are the enrollment changes at critical points in time?	Enrollment trends among students	**All of the items are provided in hardcopy form in the weekly Cabinet Update Report to the President as well as can be found in Enrollment Management System (EMS)**	College level data and information by semester, by accounting method, and mode of instruction for: FTES; Number of Sections Offered; Fill Rates; Enrollment; Headcount; Load; Waitlisted Courses; Low/High Enrollment by Course; FTES Outlook	Semester; District IRP	n/a	Institutional Effectiveness Partnership Initiative (IEPI); Instructional Division Plan; Program Review; SSSP; Enrollment Management	VPI; Deans & Chairs; Administration
Goals 1, 2, 4	What is the enrollment and completion information for students enrolled in Career Technical Education (CTE)	Students enrolled in CTE (vocational) programs	**Perkins Core Indicator Reports**	Enrollment and completion data broken down by top code for all CTE programs	Annual;	n/a	CTE Plan; Instructional Division Plan; Strategic Plan	BTCWI Dean/CTE Program Faculty
Goal 3	What is the enrollment pattern of the noncredit students to credit courses and how do they perform?	All noncredit students and English for Speakers of Other Languages (ESOL) only students	**Noncredit to Credit Student Transition**	Profile of noncredit students and a comparison of success, retention and GPA of noncredit students to the general population	Annual; District IRP	n/a	Basic Skills Action Plan; Enrollment Management; Instructional Division Plan; Marketing & Outreach Plan	BSI Committee; Articulation Officer; Outreach; VPI
Goals 1-3	How well do the students perform within each program/discipline?	Current Miramar College students and faculty	**Annual Program Review reports**	Five-year trend analysis by program of enrollment, success, retention and GPA, demographic, & productivity segments	Annual; Miramar College Office of PRIE	I.I.3. Degrees and Certificates by Instructional Programs	Program Review; Accreditation; Outcome and Assessment; SEP; Strategic Plan	Department Chairs & Deans; Outcome Assessment Coordinator; VPI; VPSS;
			ISLO Survey (ISLO 2)	Survey study that adopts stratefied random sampling scheme and paper and pencil in class survey.	Annual; Miramar College Office of PRIE	n/a	Outcome and Assessment Plan	Outcome Assessment Coordinator; Outcomes Assessment Subcommittees; VPI; VPSS; VPA; Dean of PRIELT

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						Strategic Planning Assessement Scorecard (SPAS) Indicator/Measure ▼	Links to College Plans & Initiatives ▼	Primary End User/ Responsible Group ▼
Goal 1	What are demographic & course-taking behaviors of Disability Support Programs & Services (DSPS)	DSPS students	**DSPS Annual Report**	Annual analysis of student demographics, outcomes & enrollments	Annual; District IRP	n/a	Program Review; Student Services Division Plan; SSSP, SEP	DSPS Office
Goal 1	What are demographic & course-taking behaviors of Extended Opportunities, Programs & Services (EOPS) students?	EOPS students	**EOPS Annual Report**	Annual analysis of student demographics, outcomes, & enrollments	Annual; District IRP	n/a	Program Review; Student Services Division Plan; SSSP, SEP	EOPS Office
Goal 1	How well do Basic Skills students who receive some type of intervention perform relative to Basic Skills students who don't receive an intervention?	Students in Basic Skills English, Math, and ESOL who receive some type on intervention	**Basic Skills Intervention Reports (multiple reports)**	Student outcome comparisons among Basic Skills students who received some type of intervention to those who had not received an intervention	Annual; Miramar College Office of PRIE	n/a	Basic Skills Action Plan; SEP	Basic Skills Committee
			Basic Skills and Student Outcomes Transformation Grant (BSSOT)	Evaluate funded projects to track student outcomes and pathway progression	Quaterly; Miramar College Office of PRIE	n/a	Basic Skills Action Plan; SEP	BSSOT grant coordinators; VPI; VPSS; Dean of MBEPS; Dean of LA
Goal 1	How well do Basic Skills students perform and what is their progress in college-level courses?	Students in Basic Skills English, Math, and ESOL	**Basic Skills Report**	Five-year trend information on Basic Skills students: headcount by demographic segments of interest, specific basic skills course enrollment, success, retention, & persistence	Annual; District IRP & Miramar College Office of PRIE	n/a	Basic Skills Action Plan; SEP	Basic Skills Committee

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Goal 2	What are the student outcomes of students enrolled in online courses?	All students enrolled in online courses	**Online Success and Retention Report**	Success and retention rates comparisons among students enrolled in online course format to those students enrolled in a traditional class format by overall, gender, and ethnicity	Annual; District IRP	n/a	Instructional Division Plan; Technology Plan; SEP	Instructional Services (VPI, Distance Ed. Committee)
Goal 2	How satisfied are the students with online courses?	All students enrolled in online courses	**Online Course Satisfaction Survey**	Students' perceptions and opinions about elements involved in online courses such as preparation, experiences in the course, technical support received, classroom support and communication, and their perception of learning	Annual; District IRP	II.3.5. Satisfaction with Online Course	Instructional Division Plan; Technology Plan; SEP	Instructional Services (VPI, Distance Ed. Committee)
Goal 1	How does Miramar College compare to other colleges in the community college system across an array of indicators?	Miramar College student population	**Student Success Scorecard Report**	Student Success Scorecard provides a framework for an annual evaluation of Miramar College with measurable performance indicators	Annual; California Community Colleges Chancellor's Office (CCCCO), District IRP	I.I.5a. Completion Rate for Prepared Cohort; I.I.5b. Completion Rate for Unprepared Cohort; I.I.6. Career Technical Education Rate;	Accreditation; Strategic Plan; SEP	Administration (President & Vice Presidents)
Goal 1	What effect does tutoring services have on various student outcomes for basic skills students?	Students in pre-transfer English, ESOL, and Math courses	**Supervised Tutoring Report**	Student characteristics, enrollment, & outcomes comparisons among pre-transfer English, ESOL, and Math students who had supervised tutoring visits to those who did not have visits	Annual; Miramar College Office of PRIE	n/a	Basic Skills Action Plan	Tutoring Center Coordinator

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Goal 1	How effective are Learning Communities at helping students to succeed in college?	Students enrolled in Learning Communities	**Programs to Improve Outcomes for Underrepresent ed Students PowerPoint**	Reporting on learning community students' enrollment, headcount, persistence, & outcomes	Annual; District IRP	n/a	SSSP; SEP; Student Services Division Plan	Associate Dean of Student Equity and Academic Success; VPSS; VPI
Goal 1	Are students satisfied with the Independent Learning Center (ILC) services?	Students that visit ILC for services	**ILC Survey Report**	Annual analysis of student satisfaction with ILC services	Annual; Miramar College Office of PRIE	n/a	Outcomes and Assessment; Technology Plan	ILC Coordinator
Goal 1	How satisfied are the students with the services they receive in the Student Service departments?	All students using the services	**Point-of-Service (POS) Student Services Dept. Surveys**	Each Student Services department will conduct a survey with a core set of questions and custom questions.	Semester; Miramar College Office of PRIE	n/a	Accreditation; Program Review; Student Services Division Plan	Student Services Committee
Goal 1	How satisfied are the students with the programs, services, instruction, facilities, and college environment?	Random sample of day and evening students	**Student Satisfaction Survey**	Random sample of day and evening students surveyed in classes using a Likert scale and open-ended comment questions survey instrument.	3-year cycle; District IRP (next iteration 2017-18)	II.2.2. Satisfaction with Technology Use; II.3.2. Satisfaction with Strategic Enrollment Management; II.4.1. Satisfaction with Innovation and Technology; III.I.4. Student Satisfaction Regarding Diversity	Accreditation; Program Review; Student Services Division Plan; Instruction Division Plan	College Executive Committee (CEC)

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Goal 1	How satisfied are the employees with the programs, services, instruction, facilities, and college environment?	All Miramar College employees	**Employee Accreditation Feedback Survey**	All employees surveyed online with pencil and paper option available.	3-year cycle; District IRP (next iteration 2017-18)	I.3.4. & 5. Employee Perception of Professional Development; II.2.2. Satisfaction with Technology Use; II.3.2. Satisfaction with Strategic Enrollment Management; II.3.4. Satisfaction with Technology Training and Professional Development (PD) Opportunities; II.4.1. Satisfaction with Innovation and Technology; III.2.1 & 2. Employee Perception of Diversity - Support	Accreditation; Program Review; Student Services Division Plan; Instruction Division Plan	CEC
Goal 1	How satisfied are the employees with the cultural climate?	All Miramar College employees	**Employee Cultural Climate Survey**	All employees surveyed online with pencil and paper option available.	3-year cycle; District IRP (next iteration 2017-18)	I.3.4. & 5. Employee Perception of Professional Development; III.I.6. Employee Perception of Diversity - Overall; III.2.1 & 2. Employee Perception of Diversity - Support	Accreditation; Program Review; Student Services Division Plan; Instruction Division Plan	CEC
Goal 3	Is there gender equity in intercollegiate sports?	Full-time students who meet the athletic eligibility criteria	**Title IX Gender Equity Survey**	Examine gender equity in intercollegiate sports	Annual; District IRP		SEP; Program Review	Athletic/Director/ Exercise Science Chair/Dean of Mathematics, Biological, Exercise, & Physcial Sciences
Goal 3	What student sub-populations have been disproportionately impacted?	All Miramar College students	**Miramar College Student Equity Plan**	Examine equity gaps within 6 sub-populations by 5 indicators	Annual; Miramar College Office of PRIE	III.I.5. Student Equity Plan (SEP) Indicators	SEP; Strategic Plan	Associate Dean of Student Equity and Academic Success; VPSS; Administration