

Department of Chemistry • The College of New Jersey
Strategic Map, 2013-2017

2015–2016 OUTCOMES-DRAFT

Strategic Objective	Strategic Goal	Projects for 2015-2016	Outcomes
Strengthen Departmental Programs and Curriculum	Enhance academic support systems for student success	Evaluate best practices for supporting student success. Identify at-risk students. Enhance support services for transfer students and students with disabilities.	Draft of best practices document for advisement completed. Student registration procedures FAQ prepared. Waitlist for higher enrollment courses instituted. Peer tutoring group initiated for the general chemistry curriculum, along with math pre-assessment. Greater advisement through on-line materials, and email communication performed for incoming freshmen for ensure proper placement in first year sequence.
	Define key outcomes for chemistry graduates	Identify writing activities, outcomes and rubrics for all courses identified in the <i>Writing Across the Curriculum</i> proposal.	General Chemistry laboratory curriculum revised to include notebook entries. Conducted retreat on how to implement <i>Writing Across the Curriculum</i> initiative. <i>A Short Guide to Writing about Chemistry</i> (ISBN-13: 978-0205550609) now required for CHE316.
		Collect course syllabi and determine learning goals and subdisciplines taught for every course.	Ongoing.
		Review current departmental learning goals and develop a streamlined list. Correlate learning goals with new ACS guidelines. Develop assessment methods.	Reviewed and revised current outcomes document. Conducted preliminary discussion with OIE.
	Identify and implement curricular improvements	Further develop safety awareness into our department.	Undergraduate safety handbook revised.
	Prioritize program improvements and establish new directions	Review current program offerings and enrollments. Evaluate new curricular offerings.	Revisions to General Chemistry laboratory curriculum conducted. New course in computation chemistry developed. Draft of updated self-designed major in Biochemistry prepared. Articulation with Cedar Crest College (MS forensics program) recommended for approval.

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Strengthen Departmental Research Activities and Accomplishments	Enhance faculty scholarship	Initiate faculty research meetings, brown bag lunches, and discussions.	GSE sponsored faculty research talks initiated.
		Promote sabbaticals and other faculty development opportunities.	Ongoing. One faculty member received sabbatical leave in 2015-16, 5 faculty were supported by SOSA, 2 faculty were supported by SOS mini-grants, 5 external grants were submitted, 9 faculty attended conferences and presented results at scientific meetings.
		Expand enrollment in internship courses.	Not initiated.
	Enhance student research	Define learning goals, performance expectations, syllabus, and grading rubric for CHE493.	Common syllabus for CHE493 prepared, approved and implemented in F2016.

Clarify and Communicate Mission, Identity and Effectiveness	Enhance Alumni relations	Create a mechanism for increased communication to and networking of alumni.	Promoted alumni events at ACS meetings. Invited alumni to return to campus to provide seminars and speeches.
	Better define a shared departmental mission and vision	Review, revise, and adopt departmental mission and vision statements.	Not initiated.
		Update website.	Content transitioned to new web format. Webpage updated to include current information.
		Maintain recruitment and informational materials for funding agencies, and prospective donors.	New flyers and slidestacks prepared for campus recruitment events.

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Strengthen Community and Engagement	Strengthen relationships with external partners in academia, industry, government, and community	Increase departmental involvement in seminar series, better advertise to other departments, schools, local companies and alumni.	Ongoing.
		Compile data related to annual faculty review. Prepare departmental annual report(s).	Annual report for 2015-16 completed and distributed to faculty. Conducted <i>State of the Department</i> address in F15.
		Increase opportunities for industrial partnerships and relations.	Not initiated (to discuss with SOS Dean's Office and Development Office).
	Develop a mechanism to regularly review the department	Develop guidelines for faculty review.	Not initiated.
		Develop departmental administrative guidelines/by-laws.	Not initiated.
	Update and clarify the roles and responsibilities of departmental members	Work with SoS and EYP to oversee Phase I of STEM building project. Develop plans for Phase II renovations. <i>Cross-cutting with all other strategic priorities.</i>	Attended architect and other planning meetings during 2015-16. Discussed and completed Phase II planning.
	Improve our facilities so that common high-quality space is available	Inventory of current chemicals, instrumentation and equipment.	Chemical inventory placed onto online database. Equipment inventory conducted. Equipment location planning during and after Phase I and Phase II activities completed. Antiquated equipment disposed of or placed in long term storage.