

School of Science • The College of New Jersey
 Strategic Map, 2015-2018
Building Academically Excellent Programs That Will Garner National Recognition

2015–2016 IMPLEMENTATION PLAN

Strategic Priority	Strategic Objective	Projects for 2015-2016	Responsible Parties	Key Performance Indicators & Timelines
All Priorities and Objectives		Work with the Director of the Center for Institutional Effectiveness to update departmental assessment plans and to identify/enhance usage of appropriate instruments/approaches to measure program-based student learning outcomes.	Departments & Dean's Office	Assessment plans updated; Instruments and measures identified and timelines developed for curricular implementation (AY 2015-2016).
		Develop the content for new SoS website.	Dean's Office & Council of Chairs	Content developed; New website developed and implemented (Fall 2015).

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Enhancing Scholarship Broadly Across the SoS	Internal Support for Faculty Research and for Professional Travel for Faculty and Students	Continued support of SoS mini-grant program for faculty research.	Review Committee & Dean's Office	Number of proposals and awards; Substantial final reports and outcomes (Fall 2015).
		Continued support of SoS external scholarly mentor program, scholarly writing groups, and catalysis conversations.	Review Committee & Dean's Office	Quality and number of proposals; Number and nature of group interactions and outcomes (Fall 2015).
		Continued support of travel to scholarly conferences at a high level.	Dean's Office & Departments	Number of faculty-supported trips and student-supported trips; Funding level (ongoing).
		Create a new SoS internal scholarly mentor program.	Dean's Office, Chairs Council, & Faculty input	Creation of solicitation/review process; Quality and number of proposals; Development of mentee plans (AY 2015-2016).
		Provide new administrative support for post-award grant management in the SoS.	Dean's Office & Departments	Assess level of support needed; Mobilize resources to provide additional staff support; Streamlined budget management (AY 2015-2016).
	Increased Faculty Engagement and Development in Grant Writing	Increase faculty interest and ease with grant submissions via informal information sessions (brown bag lunches, grant planning sessions) and topic-specific, on-campus support.	Dean's Office & Departments	Increased number of proposals submitted and grants awarded; Nature of reviews; Broaden faculty participation in programs, information sessions, and events (AY 2015-2016).
		Continued support of trips to funding agencies and grant-related conferences, with a focus on increasing participation within all departments.	Dean's Office & Departments	Increased faculty attendance at conferences and agency visits (AY 2015-2016).
	Enhanced Integration of Research and other Deeply Engaging Pedagogies throughout the Curriculum for Majors and Non-majors	Create a new SoS curriculum development grant program.	Dean's Office, Chairs Council, & Faculty input	Creation of solicitation/review process; Quality and number of proposals (AY 2015-2016).
		Continued support of travel to conferences/workshops related to pedagogy, teaching and learning, high-impact practices, scholarly practice, and outcomes assessment.	Dean's Office & Departments	Number of faculty- and staff-supported trips; Funding level; Lessons-learned and implemented at TCNJ; Follow-up sharing/reporting to SoS community (ongoing).

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Deepening Student Engagement	Broadening Participation in Student Research, Internships, Capstones, and Academic Clubs	Implement new SoS "Gateway to Research Careers in Science" program, and create a coordinated series of academic programming that realizes synergies among all related SoS student support programs (Gateway, PERSIST, iPics, IUSE).	Dean's Office, Chairs' Council, & Departments	Development of coordinated programmatic events and activities; Recruitment of Gateway cohort for Fall 2016 (AY 2015-2016).
		Develop and create content for a new "Student Organization Profile" section on the SoS website.	Dean's Office & Student Organizations	New content posted and maintained on website (AY 2015-2016).
		Support teams of faculty and staff members to attend conferences and workshops focused on student success (e.g., AAC&U, Understanding Interventions).	Departments & Dean's Office	Number of faculty- and staff-supported trips; Lessons-learned and implemented at TCNJ; Follow-up sharing/reporting to SoS community (ongoing).
	Enhanced Student-Faculty Engagement through Developmental Advising and Mentoring	Explore the creation of 'Alumni Mentoring Programs' based on the successful model in Engineering.	Departments & Dean's Office	Meetings held with colleagues in Engineering and Alumni Affairs/Advancement; Communication and contact with potential alumni mentors (AY 2015-2016).
		Increase awareness, number of proposals, and on-campus support for student applications to the National Science Foundation's Graduate Research Fellowship Program (NSF-GRF).	Dean's Office & Departments	Program development; Participation level; Number of submissions and awards (AY 2015-2016).
	Enhanced Integration of Research and other Deeply Engaging Pedagogies throughout the Curriculum for Majors and Non-majors	Create a new SoS curriculum development grant program.	Dean's Office, Chairs Council, & Faculty input	Creation of solicitation/review process; Quality and number of proposals (AY 2015-2016).
		Continued support of travel to conferences/workshops related to pedagogy, teaching and learning, high-impact practices, scholarly practice, and outcomes assessment.	Dean's Office & Departments	Number of faculty- and staff-supported trips; Funding level; Follow-up sharing/reporting to SoS community (ongoing).

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Building a Robust Intellectual Community	Recruitment and Development of Diverse and Intellectually Courageous Students, Staff, and Faculty	Prepare advertisements, evaluation criteria, and interview schedules for faculty and staff positions that are well-aligned with the teacher-scholar model in a primarily undergraduate, residential institution and our mission.	Departments & Dean's Office	Successful hires (ongoing).
		Identify and submit grant proposals focused on supporting students traditionally underrepresented in the SoS; Implement funded grants.	Departments & Dean's Office	Number of proposals submitted and grants awarded; Nature of reviews (ongoing).
		Implement new SoS "Gateway to Research Careers in Science" program, and create a coordinated series of academic programming that realizes synergies among all related SoS student support programs (Gateway, PERSIST, iPics, IUSe).	Dean's Office, Chairs' Council, & Departments	Development of coordinated programmatic events and activities; Recruitment of cohort for Fall 2016 (AY 2015-2016).
	Deepened Engagement in Events Where Teaching and Scholarship are Shared within the SoS and Campus Communities	Continue to enhance SoS and departmental colloquia series.	Departments & Dean's Office	Program/schedule development; Attendance level (ongoing).
		Broaden participation at colloquia both inside and outside of their home department.	Departments & Dean's Office	Attendance level (ongoing).
	More Time and Opportunities for Pedagogy, Scholarship, and Professional Development for Faculty and Staff	Continue to support of travel to conferences/workshops related to pedagogy, teaching and learning, high-impact practices, scholarly practice, outcomes assessment, academic advising, time management, etc.	Dean's Office & Departments	Number of faculty- and staff-supported trips; Funding level (ongoing).

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Building a Teaching and Research Supportive Infrastructure	Integration of New Facilities, Instrumentation, and Computing into Curricular and Research Programs	Continue to provide Equipment Leasing Fund (ELF) funding for strategic laboratory and computing equipment/instrumentation replacement and acquisition plans.	Dean's Office & Departments	Completed purchases (ongoing).
		Engage in the planning and design process for renovation of SoS facilities during Phase 2 of the STEM Complex project; Continue to be engaged in communication about progress of the Phase 1 new construction.	Dean's Office & Departments	Input included in designed spaces; Updates shared with SoS chairs and community (ongoing).
	Maintenance, Support, and Training for Instrumentation and Computing	Actively engage in search process for new Chief Information Officer via participation in on-campus interview events and submission of feedback to search committee.	Departments & Dean's Office	Participation level (Fall 2015).
		Coordinate discussions on long-term maintenance, training, and service needs.	Departments & Dean's Office	Nature of meetings and conversations; Plans developed (ongoing).
	Enhanced SoS-focused Information and Technology Support	Work with new CIO to enhance communication and support, such that IT takes into account the special needs of scientific computing.	Dean's Office & Chairs Council	Positive conversations with CIO and IT staff; Action-oriented responses (ongoing).
		Provide new support for the High Performance Scientific Computing Cluster.	Dean's Office & Departments	Existing cluster brought into full production mode; Finalize plan for transition to expanded High Performance Scientific Computing Cluster in new STEM Building (AY 2015-2016).