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

2018–2019 IMPLEMENTATION PLAN

Strategic Priority	Strategic Objective	Projects for 2018-2019	Responsible Parties	Key Performance Indicators & Timelines
All Priorities and Objectives		Continue implementation of recommendations from SoS Task Force on Fostering Student Success, begin implementation of HHMI Inclusive Excellence work, and fully integrate these efforts.	Task Force, Departments, Chairs Council, & Dean's Office	Scope of discussions at the departmental- and school-levels; Nature of course, curricular, and programmatic changes; Broader understanding of issues; Enhanced student success (AY 2018-2019).
		Conduct review and update of SoS Strategic Map.	Dean's Office, Chairs Council, & SoS Stakeholder groups	SoS community involvement; Updated map (AY 2018-2019).

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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 2018).
		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 (AY 2018-2019).
		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).
		Continued administrative support for post-award grant management in the SoS.	Dean's Office & Departments	Continued progress to streamline budget management processes with a variety of TCNJ offices; Enhanced quarterly budget reviews with individual PIs (AY 2018-2019).
	Increased Faculty Engagement and Development in Grant Writing	Increased faculty interest and ease with grant submissions via support sessions (brown bag lunches, workshops, planning sessions, writing groups) and topic-specific, on-campus support.	Dean's Office & Departments	Number of proposals submitted and grants awarded; Nature of reviews; Broaden faculty participation in programs, information sessions, and events (AY 2018-2019).
		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 2018-2019).
	Enhanced Integration of Research and other Deeply Engaging Pedagogies throughout the Curriculum for Majors and Non-majors	Continue implementation of recommendations from SoS Task Force on Fostering Student Success, begin implementation of HHMI Inclusive Excellence work, and fully integrate these efforts.	Task Force, Departments, Chairs Council, & Dean's Office	Scope of discussions at the departmental- and school-levels; Nature of course, curricular, and programmatic changes; Broader understanding of issues; Enhanced student success (AY 2018-2019).
		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	Continue and enhance coordinated academic programming for SoS Gateway to Research Careers in Science program, and re-structure the program to accommodate entry for current students.	Dean's Office, Chairs' Council, & Departments	Development of coordinated programmatic events and activities; Re-structured program for Fall 2019 (AY 2018-2019).
		Continue implementation of recommendations from SoS Task Force on Fostering Student Success, begin implementation of HHMI Inclusive Excellence work, and fully integrate these efforts.	Task Force, Departments, Chairs Council, & Dean's Office	Scope of discussions at the departmental- and school-levels; Nature of course, curricular, and programmatic changes; Broader understanding of issues; Enhanced student success (AY 2018-2019).
		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	Offer facilitated discussion sessions for faculty and staff on transitions, equity, inclusion, and diversity.	Faculty Leaders, Task Force, Chairs Council, & Dean's Office	Program development; Attendance level; Action plans (AY 2018-2019).
		Develop and implement an SoS Academic Advising Guide.	Dean's Office, Departments & Task Force	Document developed and implemented (AY 2018-2019).
		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 2018-2019).
	Enhanced Integration of Research and other Deeply Engaging Pedagogies throughout the Curriculum for Majors and Non-majors	Continue implementation of recommendations from SoS Task Force on Fostering Student Success, begin implementation of HHMI Inclusive Excellence work, and fully integrate these efforts.	Task Force, Departments, Chairs Council, & Dean's Office	Scope of discussions at the departmental- and school-levels; Nature of course, curricular, and programmatic changes; Broader understanding of issues; Enhanced student success (AY 2018-2019).
		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 and inclusive institution and our mission.	Departments & Dean's Office	Successful hires that embrace these institutional values (ongoing).
		Continue to enhance department-level and school-level recruitment efforts for prospective students.	Departments & Dean's Office	Quality of open house presentations and materials; Quality of other promotional materials and events; Responses from guests; Recruitment yields (AY 2018-2019).
		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).
	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 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 implement broad usage of new strategic laboratory and computing equipment/instrumentation.	Dean's Office & Departments	Nature and scope of curricular and research utilization (AY 2018-2019).
		Engage in planning and communication about the final stages of the renovation of SoS facilities during Phase 2 of the STEM Complex project.	Dean's Office & Departments	Input included in renovated spaces; Updates shared with SoS chairs and community; Work collaboratively with Campus Construction to manage as little disruption as possible to academic programs (ongoing).
	Maintenance, Support, and Training for Instrumentation and Computing	Provide group and one-on-one training sessions on high-performance computing and virtual computing.	Dean's Office, HPC Advisory Comm., & Departments	Program/schedule development; Participation level (AY 2018-2019).
		Continue to coordinate discussions on long-term maintenance, training, and service needs.	Departments & Dean's Office	Nature of meetings and conversations; Plans developed; Budgetary reallocations and allocations (ongoing).
	Enhanced SoS-focused Information and Technology Support	Identify opportunities for grant proposals and opportunities for interdisciplinary/multidisciplinary and interinstitutional/consortial collaborations.	Departments & Dean's Office	Number of proposals submitted and grants awarded; Nature of reviews; Broadened cross-disciplinary conversations and projects; Explore new consortial collaborations (AY 2018-2019).
		Provide new support for the High-Performance Scientific Computing Cluster.	Dean's Office, IT, HPC Advisory Comm., & Depts.	Build and implement new, high-speed science network; Purchase and set-up new hardware and software (AY 2018-2019).