

Computer Science Department Strategic Plan - Approved 3/15/2017

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Acquire faculty lines to increase the number of courses offered and to decrease class size.
Create a teaching forum to exchange ideas and strategies of teaching and learning.
Provide training and development for faculty (including part-time) and teaching assistants (lab assistants and graders).
Establish departmental mentoring programs for new tenured track faculty and request additional faculty lines in areas in need of improved instructional focus.
Increase support for faculty for professional development, in particular in deploying new proven successful pedagogical models and technologies to enhance student learning.
Encourage applications of faculty awards for faculty who exemplify excellence in research and teaching.

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The number of full-

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Support the CCSE advising center to ensure that every student, including freshman prospective CS/ACS majors, receives individualized and well-informed attention.
Assign each graduate student a faculty advisor.
Create learning community program and connect freshman via social networks.
Enhance tutoring services available for students.

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The number of meetings between departmental/program faculty and number of visits to the CCSE advising center.
Student to advisor ratio.
The number of faculty who mentor undergraduate students.
The number of learning communities and posts in social networks.
The number and quality of tutoring services available.

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Encourage forming student organizations

The number of master/Ph.D. degrees awarded.

The number of graduate students that are minority and/or female.

The number of graduate students with one full year of support

The number of newly established programs or certificates.

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Recruit and retain high potential junior faculty and senior faculty with leadership abilities.

Enhance laboratory infrastructure in targeted areas so that faculty are better positioned to collaborate with other faculty at research universities.
Encourage collaborations in various disciplines.
Hosting visiting scholars strongly committed on research.

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The number of collaborative publications, projects, and proposals.
The amount of external funding supporting the collaborations.
The number of multi-university and multi-institutional grants.
The number of visiting scholars.

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Encourage faculty to seek commercialization of their work via IgniteHQ.
Give weight to relevant patents when evaluating faculty performance.
Promote

Increase visibility of CS at the Robotics or programming competitions.

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The number of news items about CS's accomplishments.

The amount of public awareness of CS as measured by local polls.

The number of applications from Robotics or programming participants.

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Increase partnerships with foreign universities

Establish faculty and student exchange programs

Promote international collaborations

Increase scholarships for research-oriented students in graduate programs.

Visit collaborative universities regularly to actively recruit quality students.

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The number of partnerships

The number of students and faculty participating in exchange programs

The number of international collaborations

The number of graduate students writing theses

The number of graduate students recruited.

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Encourage faculty to join IEEE, ACM, or other professional organizations

Increase participation in conference/workshop organization/steering committees

Increase paper reviews for journal, conference, or workshop publications

Increase leadership in conference/workshop via conference chairs or program chairs.

Promote faculty in giving invited talks, keynotes, and showcases

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The number of faculty memberships

The number of students and faculty participating in conference/workshop organization/steering committees

The number of paper reviews

The number of conference/workshop chairs.

The number of invited talks, keynotes, and showcases

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- Automate or semi-automate all administrative processes where possible
 - Provide efficient streamlining of administrative tasks to faculty through smart process design
 - Increase open communication between faculty and the administrators
 - Facilitate the ability of faculty to pursue external funding
 - Maximize the effectiveness of faculty involvement in committee meetings
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- Happiness of faculty with administrative processes as measured by surveys
 - The number of person-hours spent on administrative tasks
 - The number of research grants submitted by faculty
 - The number of person-hours spent in committee meetings

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- Prompt reply all communication technologies with regard to student questions
 - Enhance communication on social networking such as LinkedIn or Facebook
 - Increase open communication between students and the program directors
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- Average time to rep/Mto @ rŠ Mu

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