



COMPUTER SCIENCE AND INFORMATION TECHNOLOGY **Disciplinary Guidelines for Tenure and Promotion** **December 2017**

Assess the Nature of the Discipline(s) in your Department in the realm of teaching

Questions to Consider and Answer:

1. What elements of your department's discipline are classified as auxiliary teaching activities?

[Supervising CS/IT internship courses.](#)

[Mentoring student teams for programming competitions.](#)

Additional topics to assess:

- What discipline specific note, addition, or deletion should accompany "imparting general knowledge?" [No additions](#)
- What discipline specific note, addition, or deletion should accompany "imparting specific knowledge?" [No additions.](#)
- What discipline specific note, addition, or deletion should accompany "developing skills?" [No additions.](#)
- What discipline specific note, addition, or deletion should accompany "motivating students?" [No additions.](#)
- What discipline specific note, addition, or deletion should accompany "setting requirements and evaluating performance?" [No additions.](#)
- What discipline specific note, addition, or deletion should accompany "success with effective teaching practices?" [No additions.](#)



**Assess the Nature of the Discipline(s) in your Department in the realm of
*research and scholarship***

Questions to consider and answer:

1. What elements of your department's discipline are critical to scholarship and may be unfamiliar to faculty in other disciplines?

Within our discipline, journal publications and conference publications should be given the same weight.

2. What does peer review mean in your discipline? Describe any circumstances where peer review is not necessary for work product to be considered scholarship.

Editors assign an independent evaluation to qualified journal or conference reviewers.

3. What does and does not qualify as meaningful creative work in your discipline?

No additions.

4. Does "paid" work count as scholarship? Explain?

Yes, paid work may count as scholarship. For example, consulting or research grant related activities for which a faculty member may be compensated.

5. How do 21st century forms of disseminating work product into the intellectual marketplace figure into accepted norms of scholarship in your department's discipline? No additions.

6. How does your department's discipline assess issues of quality of scholarship?

No additions.

7. How does your department's discipline assess issues of quantity of scholarship?

No additions.



Additional topics to assess:

- What discipline specific note, addition, or deletion should accompany “Dissemination of Scholarship?”

Addition:

The evaluation of computer science and engineering faculty for promotion and tenure has generally followed the dictate “publish or perish,” indicating publication in archival journals” [Academic Careers, 94]. However, relying solely upon journal publications as the demonstration of scholarly achievement,, ignores significant evidence of accomplishment in computer science and engineering. For example, conference publication is preferred in the field, and computational artifacts —software, chips, for example. — are a tangible means of conveying ideas and insight. Obligating faculty to be evaluated by this traditional standard handicaps their careers, and would indirectly harm the field.

For additional information, see, “Best Practices Memo: Evaluating Computer Scientists and Engineers for Promotion and Tenure” (Computing Research News, 1999).

- What discipline specific note, addition, or deletion should accompany “Creative Activities?”

Addition:

Artifacts can include items such as chips, circuits, networks, software, robots, computers, games, computer-based artwork, and other elements related to the field. These artifacts embody the scholarly concept and measure it. Artifacts are often shared among scholars, and collegial evaluation is often the best means of assessing the artifact. Artifacts should not just be new; they should be shown to be better than what previously existed.

- What discipline specific note, addition, or deletion should accompany “Editing?”
No additions.
- What discipline specific note, addition, or deletion should accompany “Grants and Contracts?”
No additions.
- What discipline specific note, addition, or deletion should accompany “Classroom based research projects—scholarship of teaching and learning?”
No additions.
- What discipline specific note, addition, or deletion should accompany “Scholarship related to service or the use of professional expertise, Scholarship of Engagement or Application?”
No additions.



- What discipline specific note, addition, or deletion should accompany “Other?”
[No additions.](#)

Assess the Nature of the Discipline(s) in your Department in the realm of service

Questions to consider and answer:

1. Within your department and discipline, what is the need, value, and expectation of department service?

[All faculty should be involved with departmental, university and/or professional service.](#)

2. Within your department and discipline, what is the need, value, and expectation of university service? [No additions.](#)
3. Within your department and discipline, what is the importance of service to profession? [No additions](#)
4. Within your department and discipline, what is the importance of service to community? [No additions](#)
5. How does your Department’s discipline assess issues of quality of service? [No additions.](#)
6. How does your Department’s discipline assess issues of quantity of service? [No additions](#)

Additional topics to assess:

- What discipline specific note, addition, or deletion should accompany department service?

Addition:

[Maintaining departmental or university equipment.](#)

[Participating in system administration duties.](#)

[Maintaining departmental web pages.](#)

[Coordinating student internships.](#)

- What discipline specific note, addition, or deletion should accompany university service? [No additions.](#)



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- What discipline specific note, addition, or deletion should accompany service to profession?

Addition:

Developing educational software.

- What discipline specific note, addition, or deletion should accompany service to the community? **No additions.**