

## **Dissemination of APT Criteria to Candidates**

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It is the responsibility of every CMPS academic unit to bring the statement of criteria below to the attention of every possible candidate for promotion in the unit. This includes Assistant and Associate Professors, Assistant and Associate Research Scientists and Engineers, and Research Assistant and Research Associate Professors.

### **Criteria for Appointment/Promotion to Faculty Ranks in CMPS**

CMPS faculty are expected to establish and maintain the highest standards, consistent with our stature as one of the nation's strongest science colleges. The following paragraphs provide guidance as to the criteria to be addressed in promotion and appointment dossiers, in order to ensure that CMPS faculty, professorial and research, meet these expectations. These criteria apply fully to the positions of Assistant Professor, Associate Professor and Professor and, as indicated below, to the positions of Associate and Senior Research Scientist, Associate and Senior Research Engineer, Research Assistant Professor, Research Associate Professor and Research Professor. In what follows, "members of the faculty" refers to faculty holding any of these ten ranks.

1. Research. All members of the faculty must have significant research achievements. The strong potential to be a national or international leader in one's research field is required for appointment as Assistant Professor. Appointment/promotion at the Associate level requires research accomplishments whose originality, depth and impact establish the candidate as an important contributor to knowledge in the field. Appointments/promotions to the Senior Research Scientist, Senior Research Engineer, Research Professor or Professor levels require a record of research accomplishments that establish the candidate as an outstanding contributor to knowledge in the field. In the case of appointment/promotion to Professor, the work of the candidate should have the impact and visibility of an outstanding leader in the field.

The research achievements of all faculty will be evaluated on the quality of their contributions to knowledge in the context of the research mission of the College and its individual departments and institutes, as evidenced by published work in books, journals and leading conferences, written evaluations by premier people in their specific research field, awards, prizes, inventions, patents and other recognitions and, as appropriate, the track record of their competitive research funding. In addition, the evaluation of Assistant, Associate, or Senior Research Engineers will emphasize their contributions to original engineering practice, design and development.

2. Teaching and Mentoring. Essential qualifications for appointment or promotion at the ranks of Assistant Professor, Associate Professor and Professor are the ability to teach well, at both the undergraduate and the graduate level. Faculty holding Research Professorial ranks are expected to contribute at the same standard to the educational

mission, although this may be only at the graduate level. All faculty are expected to contribute, beyond any classroom teaching and graduate advisement responsibilities they may have, to the mentoring of students and, as appropriate, postdoctoral fellows and junior faculty, to assist in their academic and professional development.

Some of the elements to be evaluated are experience, knowledge and breadth of subject matter, presentation skills, interest in students and the ability to stimulate students both in the classroom and through advisement in research, and the development of educational methods and materials. Quality of teaching will be assessed from data such as: student evaluations, reflected in available materials such as standardized questionnaires and student exit interviews; peer review, based on visits to the classroom environment, review of course materials and discussion with students actively receiving classroom teaching from the faculty member concerned; and self evaluation by the individual faculty member.

3. Service. The College expects its faculty to engage in activities outside of teaching and research. These may include: committee work and other university-related administrative assignments; development activity; grant application and administration; organizational or scientific endeavors in professional societies; engagement in articulating our mission to the wider community; and, extramural services of a professional nature to schools, industry, local, state, and national agencies, and the public at large.