

JACOBS SCHOOL OF ENGINEERING

Shu Chien-Gene Lay Department of Bioengineering

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Bioengineering Standards for Merit Review

The Department of Bioengineering expects continuing high level contributions and innovations of significance to students, researchers, and biomedical engineering professionals.

- Research contributions are enumerated by number per year (3 is suggested) and grants (continuous funding at a substantial level); however, recognition of outstanding contributions (possibly articles in the most competitive journals; results that significantly impact commercial practice) are recognized as substitutes for numerical counting.
- Common teaching contributions are three courses per year, with a mix of undergraduate and graduate courses, with good evaluation metrics; contributions to course and curriculum development add to the candidate's contribution. Mentoring of graduate students and often postdoctoral students is an important component of the teaching effort.
- Expected service includes serving on appropriate department and school committees, and, later in the career, at campus and national and international levels. Contributions to diversity are expected.

When Bioengineering Faculty are considered for Acceleration or Bonus Off-Scale or other promotions, we emphasize that quantitation – i.e. double the number of publications – may comprise sufficient evidence, but note that this approach is a starting point for evaluation and that campus guidelines suggest flexibility in considering excellence. Further, there should be no weaknesses in any category: research, teaching or service.

Please refer to excerpts from the campus guidelines (PPM-230-20) which are available at the departmental site.