

UC San Diego
JACOBS SCHOOL OF ENGINEERING
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Approved November 2021

Bioengineering Standards for Promotion to Associate Professor

The standard for promotion to Associate Professor is solid evidence of the likelihood of substantial contributions to teaching, research and service over a lifetime career. The descriptions below expand on ways the candidate/department and campus may interpret this broad standard.

1. Teaching: the candidate will have taught undergraduate and graduate students in a combination of classroom and research settings. Primary evidence of graduate mentoring is success of a student through the Senate Exam. Teaching metrics will indicate long term successful contributions.
2. Research: The candidate's record should show strong indications of long-term success.
 - a. There should be a clear increase and attainment of research productivity, often visible as publications in rigorously reviewed journals; however, arguments that the research is deeper and more impactful are most important.
 - b. The record should show clear independence of intellectual activity
 - c. The candidate should demonstrate the ability to attract sufficient research funding for the work on which they are judged.
 - d. There should be growing external recognition, possibly including invited talks, reviewing, and professional society activity.
3. Service: The candidate should make service contributions to Bioengineering and JSOE, typically through committees. Early efforts at service at national and international levels (i.e. journal reviewing) are expected. Contributions to diversity are expected.

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

Bioengineering Standards for Promotion to Full Professor

The standard for promotion to Full Professor is solid evidence of the likelihood of long term national and international leadership in a combination of research, service and teaching. The descriptions below expand on ways the candidate/department and campus may interpret this broad standard.

1. Teaching: the candidate will have a long-term and high quality contribution to undergraduate and graduate education. They will have a well established record of PhD and post-doc mentoring.
2. Research:
 - a. The candidate's record should show strong indications of long term nationally and internationally recognized success. Likely sources of evidence include:
 - i. Multiple publications in rigorously reviewed journals
 - ii. Results recognized as highly significant and impactful regardless of publication
 - iii. Strong impact on practice in industry and others in research
 - b. The candidate must continue to demonstrate the ability to attract sufficient research funding for the work on which they are judged.
 - c. Expected is growing national/international recognition, in the form of invited talks, advisory boards, etc.
3. Service: The candidate will likely make strong contributions to a combination of Campus, Bioengineering, and JSOE, most often through committees. National and international level service will be common (editorship or society officer or other). Contributions to diversity are expected.

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