

Creighton **UNIVERSITY**

College of Arts and Sciences
Department of Physics

Scholarship Expectations for Tenure and Promotion

The following scholarship expectations reflect the thinking within the department, and are presented as guidelines to aid in the review of the dossiers of candidates.

For Tenure

Normally the department discourages the conferral of tenure without promotion to Associate Professor, but recognizes that such a contingency may arise. The departmental standards for the conferral of tenure are the same as the standards for promotion to Associate Professor (see below), subject to the following circumstances that could result in this contingency:

- The faculty member had a slow start in research for legitimate reasons. Steps have been taken to correct the situation, and there is evidence that the faculty member will be eligible for promotion within the next few years.

For Promotion to Associate Professor

- Record* of presentations at regional and national professional meetings, including presentations with students as co-authors.
- Publication experience** as a principal author***.
- Successful inclusion of both undergraduate and graduate students in research.
- Record of submission of proposals for external funding.
- Record of service to the discipline, including as a peer-reviewer for journals, publishers, or grant agencies, on grant agency review panels and/or on journal editorial boards, and membership on national committees.

For Promotion to Professor

- A sustained record* of presentations at regional and national professional meetings, including presentations with students as co-authors.
- Sustained publication record** as a principal author***.

- Successfully obtained external research funding.
 - Consistent inclusion of undergraduate and graduate students in his/her scholarly activities.
 - Consistent record of service to the discipline, including as a peer-reviewer for journals, publishers, or grant agencies, on grant agency review panels and/or on journal editorial boards, and membership on national committees.
 - Evidence of working collaboratively to enhance research productivity of junior faculty.
- * May be taken to mean an average of one paper per year, including an average of one paper every three years at the national level.
- ** Actual amount of publication expected will depend on factors such as the importance and extent of the work, and other professional demands placed on the faculty member's time.
- *** May be taken to mean that the individual played a leading or substantial role in conceiving, analyzing, calculating or interpreting the subject matter of the publication.

Note

Scholarship is stimulated and advanced by interaction among a community of scholars. It is expected, therefore, that the results of a faculty member's scholarly activity will be communicated through papers presented at professional meetings and eventually through publication. This encompasses all discipline-related work including new methods and improvements for physics teaching as well as research in the various specialties of physics.

The following are examples of scholarly activity of physics faculty, listed in the approximate order of decreasing weight. They are provided here as a guide for evaluating a candidate's scholarly activity.

- Receiving a national award in recognition of outstanding research or scholarship.
- Authoring a well-accepted text, monograph, or book in physics.
- Authoring an invited review article for a recognized physics journal.
- Presenting an invited presentation on an area of one's competence at a national professional meeting.
- Serving as a referee or an editor for a recognized, scholarly journal in physics or related area.
- Receiving a local or intramural award in recognition of outstanding research or scholarship.

- Having a large number of citations on one's publications by peers in their own scholarly publications.
- Authoring a significant original contribution (such as a chapter) to an edited published work on physics or a related area.
- Receiving a grant or scholarship from an external funding agency for the support of one's research or other scholarly activity.
- Authoring a refereed article accepted or published in a recognized journal of physics or a related area.
- Mentoring graduate students through a successful thesis defense.
- Receiving an intramural grant for research or scholarship.
- Mentoring undergraduate students in research that leads to a presentation at a scholarly meeting, grant application or other scholarly activity.
- Authoring a non-refereed paper, review or abstract published in a recognized physics journal.
- Mentoring junior faculty in scholarly activity.
- Making a presentation dealing with an area of one's competence at a significant meeting of peers.
- Attending a meeting of a regional or national professional organization.