

# CRITERIA FOR APPOINTMENT TO THE GRADUATE FACULTY

## COLLEGE OF SCIENCE AND TECHNOLOGY

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Achieving excellence in graduate research and education is a central aspect of the mission of the College of Science and Technology. Doctoral dissertation advisors play an essential role by providing research programs that offer a state-of-the-art scholarly environment. Appointments to the graduate faculty require a strong record of research productivity. A tangible measure of such productivity includes research publications that have undergone rigorous peer review or other comparable form of critical independent analysis. Another criterion is the receipt of external funding for research that is awarded through competitive peer review. Effective instruction in the graduate curricula also is highly valued. The criteria below represent the essential set of requirements for the College of Science and Technology. Constituent departments of the College may include additional criteria as long as they are consistent with College or University criteria.

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### I. CRITERIA FOR INITIAL APPOINTMENT TO THE GRADUATE FACULTY (with full privileges)

1. Presidential faculty appointment in a CST department.
2. A record of peer-reviewed scholarly achievement, which can include:
  - a. Publication of original research in peer-reviewed journals that are in the top half of the discipline according to journal rank or other comparable measure.
  - b. Receipt of external research grants, fellowships or honors, awarded through a peer review process.
  - c. Publication of research monographs or other scholarly books within the discipline.
  - d. Receipt of patents, or publication of technical reports, as a clear demonstration of innovation and/or technological advancement within the discipline.

### II. CRITERIA FOR REAPPOINTMENT TO THE GRADUATE FACULTY

#### A. *For reappointment to the Graduate Faculty with the privilege to serve as a doctoral dissertation advisor, both Criteria 1 and 2 must be demonstrated within the previous four years.*

1. A strong record of peer-reviewed scholarly achievement, including:
  - a. Publication of original research articles in peer-reviewed journals that are in the top half of the discipline, according to journal impact factor rank or other comparable measure.
  - b. Receipt of external research grants that are awarded through competitive peer review.
  - c. Publication of research monographs and scholarly books within the discipline.
  - d. Receipt of patents, or publication of technical reports, as a demonstration of innovation and/or technological advancement within the discipline.
2. A strong record of effective participation in graduate education, including:
  - a. Serving as a dissertation or thesis advisor.
  - b. Serving on one or more dissertation or thesis committees.
  - c. Teaching graduate-level courses.

#### B. *For reappointment to the Graduate Faculty with the privilege to serve as a Masters thesis advisor, or to serve on dissertation or thesis committees, Criterion 1, and either Criterion 2 or 3, must be satisfied. Criteria 1 and 2 both must be demonstrated within the previous four years, while Criterion 3 applies to the entire career.*

1. A strong record of effective participation in graduate education, including:
  - a. Serving on one or more dissertation or thesis committees.
  - b. Teaching graduate courses.
  - c. A major leadership role in graduate administrative service.
2. A strong record of peer-reviewed scholarly achievement, including:
  - a. Publication of original research articles in peer-reviewed journals that are in the top half of the discipline, according to journal impact factor rank or other comparable measure.
  - b. Receipt of external research grants that are awarded through competitive peer review.
  - c. Publication of research monographs and scholarly books in the discipline.
  - d. Receipt of patents, or publication of technical reports, as a demonstration of innovation and/or technological advancement within the discipline.
3. A distinguished record of scholarly activity in the field, including:
  - a. A history of publication of research in peer-reviewed journals that are in the top half of the discipline, according to journal impact factor rank or other comparable measure.
  - b. Publication of research monographs and/or scholarly books in the discipline.
  - c. Receipt of awards or honors for achievement in the discipline.
  - d. Distinguished service to the profession, including membership on: journal editorial boards, external research grant review committees, and program review committees.