

UNT Department of Mathematics  
**Promotion Criteria**

**Overview**

Promotion to Full Professorship requires excellence in research, teaching, and service. Research is the area of emphasis in most cases, but promotion may also be based on transformational contributions in teaching and service, provided that the candidate's research meets basic standards. The Executive Committee determines whether or not a faculty member is to be considered for promotion.

**Research Criteria**

The candidate must achieve a national and international reputation. This will be measured as follows.

- Continuous productivity. The candidate is expected to publish regularly in peer reviewed scientific journals of national or international scope.
  - Normally a total of at least 25 publications of good quality is expected, including several single-author papers, and at least 5 papers in general mathematical journals of high or top quality. An appendix to this document gives partial lists of journals of good, high, and top quality in mathematics, statistics, and related fields.
  - The publication record should establish the significance of the candidate's individual contributions to the field.
  - In fields such as statistics, first authorship of at least 10 methodology papers in journals of high or top quality is normally expected.
  - Ultimately, the quality of the research is the deciding factor. The minimum number of publications required may vary, depending on factors such as the number of papers in journals of high or top quality and significant external grants.
- Normally the candidate is required to have been the principal investigator of at least one research grant with significant indirect costs. Consistent submission of grant proposals is required.
- Invited presentations at conferences of national or international scope. No minimum number is stipulated, but regular participation is expected.
- Citations in publications in peer reviewed journals of high quality and international reputation.
- Supporting letters from external reviewers.

**Teaching Criteria**

Candidates must be outstanding classroom teachers, as measured via the same criteria used in tenure decisions. A profound contribution to the departmental graduate program is necessary. At least one Ph.D. student must have received their doctorate under the candidate's supervision.

**Service Criteria**

Significant service to the discipline is required. Examples include serving on the editorial board of a journal, refereeing research articles or grant proposals, serving as an officer or committee member for a national professional organization, and organizing research conferences. Normal service to the department is necessary, and some College or University service is expected.

**Collegiality**

The candidate must exhibit the highest level of professionalism and collegiality.