

UNT Department of Mathematics
Tenure Criteria

Overview

The candidate shall perform original mathematical research of high quality leading to published articles. (S)he shall pursue internal and external research funding opportunities.

High quality teaching in organized courses on both the undergraduate and graduate levels is required. Some contribution to the graduate program in the form of student advising is desirable.

Active participation in departmental government is required. Prior to tenure committee assignments are reduced, but the quality of the service should be good.

Research Criteria

The candidate shall produce original research and maintain an active research program. The candidate's scholarly achievements should advance the field. No explicit minimum number of papers is specified, but it is usually expected that the candidate shall have at least six publications while at UNT.

Under normal circumstances, candidates for tenure are expected to have demonstrated success in obtaining extramural funding in amounts sufficient to support a thriving research program. The exact amounts which are sufficient will be determined based on the need for and availability of such funding relative to the candidate's particular field of research.

The quality of the research is a prime consideration. It will be judged primarily by the quality and the impact of the candidate's published articles. Some indicators of the quality of the candidate's research are:

1. The quality of the journals in which the articles are published. An appendix of this document gives partial lists of top quality, high quality and good quality journals in mathematics, statistics, and related fields.
2. Citations to the candidate's research, usually in the form of published articles.
3. External grants in support of the candidate's research, or favorable reviews of external grant proposals indicating the competitiveness or fundability of the candidate's research.
4. Indicators of substantiality of the research such as lengths of articles and single authorships. N.B.: In theoretical mathematics, multiple authors are usually listed alphabetically, without a lead author; in applied mathematics and statistics this convention may not be followed.
5. Presentations of the candidate's research, usually in the form of invited talks in departmental colloquiums, workshops, and conferences.
6. Service to the discipline, usually in the form of refereeing journal articles, writing signed reviews, organizing conferences, and engaging in synergistic activities.

It is necessary that the quality and the impact of the candidate's research be verified by the external reviewers' support letters.

Teaching Criteria

Teaching of high quality in organized courses on both the undergraduate and graduate levels is a minimum expectation. This is judged via a combination of student evaluations and classroom observations by tenured faculty.

Direction of graduate students on at least the Master's level is strongly encouraged.

Service Criteria

The candidate is expected to participate actively in departmental government, for example through faculty meetings and votes and by establishing a collegial relationship with faculty, staff, and students.

Committee assignments are reduced during the pre-tenure period, but the quality of the committee work should be good.

Collegiality

It is expected that the candidate will contribute positively to the intellectual climate of the department. (S)he should understand what it means to be a member of the community of scholars and should act accordingly. (S)he should be a responsible colleague. Some demonstration of leadership ability is desirable.