

Youngstown State University School of Graduate Studies

**Graduate Faculty Membership Standards Document
College of Science, Technology, Engineering and Mathematics**

Introduction

A **Regular** member of the graduate faculty **must hold a terminal degree in her/his field**, show evidence of peer-recognized publication and productive, ongoing scholarship, and demonstrate effective involvement in the graduate program and/or graduate-credit coursework. These activities must demonstrate participation in all three areas of the university mission: Scholarship, Teaching and Service.

Regular members who, upon completion of their current five-year period of appointment, fail to meet these expectations for renewal purposes may apply for "Associate" or "Designated" member status through their departmental chair.

Scholarship

Applicants for regular membership will be expected to have published **two (2) peer-reviewed publications** that may be published in any of a variety of professional, peer-reviewed media, or **will have authored and received a major peer-reviewed externally funded grant award**, or **will have authored a creative publication/production** that is considered to represent a similar level of scholarly contribution to the discipline by one's professional peers. Applications demonstrating authorship of one **peer-reviewed professional book-length study** or creative production, or **two peer-edited chapter or article publications** will also not require any further substantiation of scholarly activity.

With a minimum of one basic publication, applicants must provide additional support for their case with a **combination of "other forms of productive scholarship" (expectation of one or more per year)**, as listed below. This combination can be met by demonstrating a variety of other significant scholarly achievements, with justifications for each provided by the applicant.

All publications or activities must have been accomplished within the five-year period immediately preceding the submission of the application.

Other Forms of Productive Scholarship

1. Conferences and Workshops

- Type: professional, scholarly, or public (see Service); international, national, or regional
- Publication in proceedings
- Level of participation: chair or moderator role, invited presentation, poster presentation, or attendance as relevant to graduate teaching and research, organizer or member of planning committee

2. Patent preparation

- Writing full patent applications
- Receipt of a patent

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3. Software development requiring expertise and in use outside of the department

- Innovative computerized design/ graphics/ multimedia/ video
- Information systems
- Data-base management

4. Editorial and Referee Activities

- External to the University
- Reviewing grants or programs
- Refereed for conference or journal
- Editing books, journals, articles, newsletters

5. Further Academic Work

- Relevance to department, college, and University
- Post-doctoral work
- Serving as graduate student original research or application advisor resulting in published thesis

6. Grant Writing

- Preparing and submitting grant (PI/PD or Co-PI/Co-PD)
- Consulting with colleagues as a participant on a grant

7. Involvement in Professional Organizations

- Type of organization: international, national, state, regional
- Type of service: chair, committee member, member

8. Interdisciplinary interaction

- Formation of research groups or clusters that bring two or more areas of research together
- Formation of research networks with other institutions (academic or non-academic)

Teaching

Applicants for regular membership must meet the primary **requirement of preparation and/or teaching of a course awarding graduate credit**. Consideration will also be given to the following activities:

1. Advising or Mentoring Students

- Serving as graduate student mentor
- Graduate thesis or project advisor or committee member
- Involving graduate students in research

2. Collegiality

- Sharing expertise, knowledge, and resources with colleagues
- Participation in faculty development activities
- Cooperating with other faculty in multi-sectioned and sequenced courses

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4. Development of Courses and Curriculum

- Significant modifications to existing courses
- New courses
- Curriculum revision
- Laboratory development
- History of significant teaching

5. Development of Teaching Methods

- New methods of presentation (e.g., multi-media)
- Teaching innovations, including use of new technology
- Conference attendance

6. Pedagogy-Based Scholarship (see Scholarship if appropriate)

- Publications on pedagogy
- Conference/workshop participation

7. Student Evaluations

8. Teaching Beyond the Classroom

- Guest lecturing
- Advising non- YSU student's thesis or project
- In-service workshops
- Off-campus study tours

Service

Applicants for regular membership should offer **evidence of service, requiring expertise in their field, to their discipline, the university, and the community** as listed below:

- Outside tenure reviews
- Involvement in professional organizations, conferences and workshops
- Development of comprehensive state and national licensing examinations
- Serving on working committees of an organization related to professional organizations in your discipline
- Advising or student consultations beyond a normal level
- Efforts to increase graduate student retention and recruitment
- Committee participation in the department, college, and University
- Leadership in service activities, including administrative appointments
- Serving as judge for science fairs, essay contests, etc.
- Organizing fairs, festivals, and similar activities
- Contributions to K-12 education

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- Technical or scientific presentations to community groups
- Membership on a board of directors or advisory boards for governmental or private for profit or non-profit organizations

Note: These examples do not exhaust the possibilities of relevant activities for the consideration of graduate faculty appointments.