

# **Neurosurgery**

## **Statement of Evidences**

# Department of Neurosurgery

## Evaluation Criteria

Examples of Excellence and Effectiveness in Teaching, Research and Creative Activities and Service

### 1. Teaching

#### a. Indicators of Excellence in Teaching

- Selection for a University, College or Professional Society outstanding teaching award.
- Evidence of courses taught at a rigorous and challenging level, with recognized excellence.
- Publication of widely adopted or acclaimed instructional materials.
- Outstanding teaching performance as evidenced by outstanding student ratings.
- Outstanding peer evaluations or outstanding direction of graduate research.
- Development of innovative pedagogical methods and materials.
- Publications with teaching focus in refereed journals.
- Receipt of significant peer-reviewed external funding for teaching.
- Invitation to teach at a domestic or international institution of recognized excellence.
- Receipt of awards for research or academic performance by the faculty member's students.
- Placement of graduate students or postdoctoral fellows into significant academic, scholarly, or professional positions.
- Chair of doctoral research committees.
- Outstanding performance as a departmental undergraduate or graduate advisor.
- Direction of graduate student thesis or dissertation research. Successful participation at teaching workshops and/or institutes.

#### b. Indicators of Effectiveness in Teaching

- Development of new courses or major revision of existing courses
- Direction of graduate student thesis or dissertation research
- Member of graduate student advisory committees
- Evidence of high quality in class preparation and interaction
- Coordination of multi-section courses
- Service as departmental undergraduate or graduate advisor
- Significant self-development activities leading to enhanced teaching effectiveness
- Receiving on a competitive basis internal funding for teaching
- Participation in the University Honors Program and/or other programs for mentoring the professional development of students

## 2. Scholarly Activities

### a. Indicators of Excellence in Scholarly Activities

- Publications in leading refereed journals.
- Expert witness testimony.
- Receiving major fellowship or research award.
- Frequent citation of publications.
- Publication of scholarly book(s).
- Editor or member of editorial board of a major journal.
- Publication of peer-reviewed journals.
- Member of review panel [or critic] for national or international research organization.
- Presentation of invited papers at international and national meetings.
- Receiving significant external peer-reviewed funding for research.
- Significant publication and/or funding resulting from collaborative efforts with researchers in other fields where the faculty member occupies a substantial role in the research or creative activity.
- Evidence of creative professional practice.
- Publication in non-refereed but widely recognized journals.
- Received nationally approved patent.

### b. Indicators of Effectiveness in Scholarly Activities

- Publications in refereed journals.
- Service as a reviewer for major refereed journals or as an ad hoc reviewer for national research organizations.
- Publication of a chapter in a scholarly book.
- Publications in non-refereed but widely recognized journals.
- Editor of scholarly book.
- Presentation of papers at state or local meetings of appropriate disciplines.
- Significant self-development activities, such as a Faculty Development Leave, that leads to increased research and publication effectiveness.
- Publications in refereed journals resulting from collaborative efforts with researchers in other fields.

### 3. Service

#### a. Indicators of Excellence in Service

- Officer in a national or international professional organization.
- Program chair or similar position at a national or international professional organization meeting.
- Evidence of excellence in professional service to the local community and public at large, including required clinical work.
- Service on a major governmental commission, task force, or board.
- Administrative leadership role at the University of Kentucky.
- Office in University Senate.
- Chair of major standing or ad hoc University of Kentucky committee.
- Evidence of excellence in Neurosurgical or a sub-specialty in Neurosurgery patient care, management and diagnostic support.

#### b. Indicators of Effectiveness in Service

- Officer in regional or state professional organization
- Program chair or similar position for regional or state professional organization meeting.
- Evidence of professional service to the local community and public at large, including required clinical work.
- Service on University, College and Department committees and task forces.
- Service as an active member of the University Senate
- Service as consultant.
- Advisor to student organizations
- Administrative role within Department.
- Significant self-development activities that lead to enhanced service effectiveness.
- Evidence of satisfactory performance in Neurosurgical or a sub-specialty in Neurosurgery patient care, management and diagnostic support.