David P. Basile, Ph.D.

Professional and University Service Section

Item from Promotion and Tenure Dossier Checklist	Location
Summary of professional service activities and service load information	This section
Peer evaluation of quality as well as quantity of professional service as intellectual work	
Robert Bigsby, Ph.D.	General Summary Section
Vincent Gattone, Ph.D.	General Summary Section
Evidence of Editorial Board Membership	
American Journal of Physiology-Renal Physiology	Appendices
Kidney International	Appendices
Faculty of 1000- Medicine	Appendices
Evaluation by chair or regional medical campus director of the adequacy of University service – See Chair evaluation	General Summary Section

Section V: Professional and University Service

This section contains a summary of activities for evidence of satisfactory performance in the area of professional and university service. A brief description of Service activity is contained in Section II, Personal Statement, and list of service activity is contained Section IV, C.V. In this section, I describe in more detail the nature of these service activities and their value to the University and to the Profession.

Description of the candidate's professional service activities.

Since my arrival in 2005, I have been increasingly active in the area of university service. This service has come primarily in the form of work on various committees and reflects a certain degree of commitment and expertise in specific subject area. A brief description of the committee's I have served on is listed below.

UNIVERSITY SERVICE

Institutional Animal Care and Use Committee: The work of this committee is of central importance to the execution of the University's research mission. The purpose of the IACUC is ensuring compliance with federal and local laws and regulations governing animal research activities. The establishment of this committee is required by federal law. Work on the committee is heavily involved in reviewing animal research proposals by other investigators at the IUSM, which requires a significant amount of outside time. Meetings are held monthly, in part to discuss and review these protocols.

In addition to the month-to-month activities of this committee, I have tried to be a strong advocate for an easier pathway for IUSM investigators to complete the application process by working on a subcommittee to make protocol review more uniform and consistent with federal guidelines. In addition, this work also included several meetings seeking to refine and implement a new on-line protocol submission and review process, currently referred to as "TOPAZ". This work more than doubled my time commitment to this committee. TOPAZ went online in 2009, but still requires improvements in the process. The Chair has solicited a letter from Dr. Robert Bigsby, Chair of the IACUC, describing my role on this committee, which is included in the appendix.

IBMG graduate admissions committee: The role of this committee is to review and rank applicants for the School of Medicine's Biomedical Gateway graduate program. This committee requires the review of credentials of applicants which are discussed committee meetings. The activity of this committee is heavy between December and March, meeting at least 3 times per month. In addition, the committee is involved in a number of graduate recruitment weekends that provide an opportunity for perspective students to visit IUSM and learn more about specific programs and research opportunities. The Chair has solicited a letter from Dr. Simon Rhodes, Associate Dean of Graduate Studies, describing my role on this committee, which is included in the appendix.

Oversight committee, Indiana Center for Biological Microscopy. As a research core center of the IUSM, this center requires oversight. The purpose of this committee is to budgets and fee

structures and to make recommendations to administration about the appropriateness of the fee structure. It also may serve to make recommendations to the Center director about policies with the overall goal of increasing the use of this center as beneficial to the University community. This committee meets approximately 2 times per year. The Chair has solicited a letter from Dr. Vincent Gattone describing my role on this committee, which is included in the appendix.

Department of Cellular & Integrative Physiology Seminar Committee (Chair).
This committee is primarily involved with the planning and execution of the Department weekly seminar program. These weekly seminars provide an important service to the academic research goals of the Department by encouraging a formal dissemination of scientific research from both internal and visiting speakers. These activities require communication with the Department faculty and occasionally organization of itineraries for visiting lecturers. As part of these duties, I have also been involved with the organization and planning of the Department's annual retreat, which requires both scientific and logistical organization.

Department of Cellular & Integrative Physiology Graduate Committee:
This committee is concerned with all aspects of Graduate Student education as it may pertain to students within the Department of Cellular & Integrative Physiology. As described in Section III, Teaching, and Section II, Candidates Statement, this committee is centered along the lines of evaluating departmental curriculum and my work on this committee has reflected this evolution. To that extent, my involvement in this committee overlaps largely with my teaching efforts. However the Department Graduate Committee is also involved in many other important issues including evaluating the credentials of applicants to the MS in Physiology program. In addition, the committee meets annually to review the academic progress of every student, individually.

PROFESSIONAL SERVICE

In the area of professional service, my duties are largely centered on my role as a journal reviewer or grant reviewer. It is important to point out that in biomedical research field these activities represent an important aspect of the global research process. It is also important to point out that increased activity in these duties reflects both a significant time commitment, but also is a reflection of one's stature in a particular area of research. A summary of these professional duties are described in detail below.

Ad Hoc Journal Reviewer

As indicated in the C.V., I have served as an ad hoc reviewer for at least 24 professional journals, and have spent considerable effort reviewing for top journals in the field of nephrology and renal physiology. As a reviewer, I am asked to critically read and comment about the appropriateness, novelty and impact of research articles to assist the editors in their decision to publish or reject a scientific manuscript. The majority of manuscripts that I review reflect my area of research strength. Not surprisingly, these articles are submitted to many of the journals in which I publish most of my own work and represent the majority of my service work in this area.

Editorial Board

As indicated in the C.V., I am currently on the editorial board for 2 different journals and 1 literature review service. For professional journals, membership on the editorial board reflects an

increased stature in the field and is offered to competent and reliable reviewers with the expectation of an increased review load. In addition, the editorial board makes suggestions for authors in areas requiring review articles. Currently, I serve on the editorial board of the *American Journal of Physiology-Renal Physiology* (Since 2003), and *Kidney International* (Beginning in July of 2010). These are two of the most prestigious journals in the area of Nephrology/Renal Physiology research. I have included letters of invitation as a documentation of these activities.

In addition to these two journals, I am also the section head for *Faculty of 1000 Medicine*, Section on Renal Pathophysiology. This is an international subscription service geared for medical professionals to keep up with the most exciting and impactful research in specific fields of medicine. F1000 Medicine comprises faculty members in different subspecialty areas to nominate and rank recent research articles of high impact. I my capacity as Section Head of Pathophysiology of Chronic Kidney Disease, my duty is to recruit new faculty members to my section for nomination of articles of high impact in the area of CKD research.

Grant Review Study Section: One of the most important areas of service is undoubtedly participation on study sections for grant applications. The importance of this activity to the scientific process cannot be understated since scoring of grant applications provides granting agencies a basis for which they make funding decisions. My CV reflects my involvement in 20 different study sections from 1999-2010, an average of nearly 2 per year. Most of these study sections were for service to the National Institutes of Health (NIH), representing the largest single funding agency for biomedical science in the United States. Other service activity was directed toward non-profit foundations, such as the American Heart Association.

Organizational activity at national meetings: As a member of the American Society of Nephrology and the American Physiological Society, I regularly attend their scientific meetings and have been occasionally asked to participate as organizing scientific sessions. For example, in 2003 I proposed and organized a Featured Topic session at the experimental biology meeting entitled "Tissue Response to Ischemic injury". In 2009, I was asked to chair a Special Communications session at the Meeting for the American Society of Nephrology entitled "Regeneration and Novel Therapeutic approaches in Acute Kidney Injury". Service for both of these sessions required ranking submitted abstracts, selecting high impact abstracts for highlighted talks, and acting as session moderator.