

MEMORANDUM

TO: Dorene Branson, Principal Assistant
Faculty Senate

FROM: Graduate Studies Committee

DATE: March 20, 2013

SUBJECT: Pharmaceutical Sciences

On Tuesday, March 19, the Graduate Studies Committee approved the name change from Pharmaceutical Sciences Graduate Program to Pharmaceutical and Biomedical Sciences Graduate Program. Please forward this to the Faculty Senate for appropriate approvals.

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WSU REGISTRAR

Washington State University
MAJOR CHANGE FORM -- REQUIREMENTS
(Submit original signed form and **TEN** copies to the Registrar's Office, zip 1035.)
See <https://www.ronet.wsu.edu/ROPubs/Apps/HomePage.ASP> for this form.

*Submit an additional copy to the Faculty Senate Office, French Administration 338, zip 1038.

Department Name College of Pharmacy

1. CHECK PROPOSED CHANGES.

- Change department/program name from Pharmaceutical Sciences Graduate Program to Pharmaceutical and Biomedical Sciences Graduate Program
- New degree or program in _____
- * Change name of degree from _____ to _____
- * Drop degree or program in _____
- * Extend existing degree or program to _____ campus
- New Major in _____
- Change name of Major from _____ to _____
- Revise Major requirements in _____
- Drop Major in _____
- Revise certification requirements for the Major in _____
- New Option in _____
- Revise requirements for the Option in _____
- Drop Option in _____
- New Minor in _____
- Revise Minor requirements in _____
- Drop Minor in _____
- New Undergraduate Certificate in _____
- Revise Undergraduate Certificate requirements in _____
- Drop Undergraduate Certificate in _____
- Other _____

Effective term/year Fall 2013

Gary M Pollack, Dean	335-4750	gary.pollack@wsu.edu
Contact Person	Contact Phone No.	Contact email

2. GIVE REASONS FOR EACH REQUEST MARKED ABOVE. (Attach additional paper if necessary; see reverse side.)

4. SIGN AND DATE APPROVALS.

[Signature] /22/13
Chair Signature/date

[Signature] /22/13
Dean Signature/date

General Education Com/date

Catalog Subcom/date

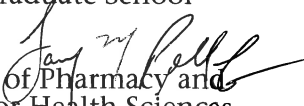
Academic Affairs Com/date

Graduate Studies Com/date

Senate/Date

MEMORANDUM

TO: Nancy Magnuson
Interim Vice President for Research and
Dean of the Graduate School

FROM: Gary Pollack 
Dean, College of Pharmacy and
Vice Provost for Health Sciences

DATE: January 15, 2013

RE: Name Change for the Pharmaceutical Sciences Graduate Program

By means of this memorandum I am requesting that the name of the Pharmaceutical Sciences graduate program be changed to Pharmaceutical and Biomedical Sciences. This change in name, which has been endorsed by the leaders of the relevant academic units (copied below), will not change the existing core requirements for the PhD degree. It will, however, reflect a broader graduate programming effort, increase the number of core faculty participating in graduate education, and deepen the list of elective courses available to our doctoral students on the Health Sciences campus in Spokane.

As we have discussed, the primary rationale for this name change is to give the Medical Sciences faculty (often described as WWAMI faculty, based on their involvement with delivering medical education in collaboration with the University of Washington) access to graduate students. A key element of the planned expansion of medical education in Spokane is establishing a research-intensive environment, which is an expectation of medicine's accrediting body. The most important component of creating such an environment is the recruitment, development, and retention of research-active (primarily tenure-track) faculty. Medical Sciences currently includes 10 research-active faculty and searches are underway to fill three new tenure-track positions (presumed start date July 2013). We estimate hiring 10 new tenure-track Medical Sciences faculty over the next several years, dovetailing with recruitment of an estimated 18 new faculty in Pharmacy by 2020. It should be noted that the majority of these new hires will be cross-appointed between Pharmacy (primarily in our Pharmaceutical Sciences and Clinical Pharmacology groups) and Medical Sciences, and so the relationship between Pharmaceutical Sciences and Biomedical Sciences will be a natural functional outcome.

The ability to effectively recruit new tenure-track faculty, as well as to retain faculty in Spokane, hinges on availability of PhD-intending graduate students to support the research programs of those faculty. Long-term, we intend to explore development of a confederated group of PhD program tracks within the Division of Health Sciences (often referred to as an "umbrella" program, a strategy that has gained popularity on research-intensive health affairs campuses over the last decade). However, development of such a program does not fit with the timeline in place to recruit the first cohort of Medical Sciences faculty. Thus, migration of the Pharmaceutical Sciences program to Pharmaceutical and Biomedical Sciences represents both a necessary step to support ongoing faculty recruitment and an interim step in establishing a fully-articulated Health Sciences graduate program.

The current faculty, together with their respective primary areas of interest, representing the Pharmaceutical Sciences and the Biomedical Sciences sides of the program, are listed in the table on the following page for your reference. I have not included faculty whose interests are aligned with the social sciences/policy side of Pharmaceutical Sciences, and have focused only on the more traditional "bench/clinical" scientists.

PHARMACEUTICAL SCIENCES		BIOMEDICAL SCIENCES	
Faculty	Research Area	Faculty	Research Area
Sayed Daoud	Translational cancer therapeutics	Greg Balenky	Environmental sleep medicine
Mike Gibson*	Inborn errors of metabolism; biochemical genetics	Weihang Chang	Telomere maintenance in aging/cancer
David Koh	Genomic preservation and cell death	Ted Chauvin	Molecular biology of sperm maturation
Phil Lazarus*	Mechanisms of carcinogenesis; pharmacogenomics	Chris Davis	Micro RNAs and sleep
Susan Marsh	Exercise-associated cardioprotection	Levente Kapas	Physiology of sleep and metabolism
Gary Meadows	Tumor biology and immunology	James Krueger	Neurobiology and biochemistry of sleep
Kay Meier	Signal transduction	Ken Roberts	Biochemistry of sperm maturation and function
Josh Neumiller	Clinical trials; chronic illness	Eva Szentirmai	Physiology of sleep; circadian rhythms
Jeannie Padowski*	In vivo imaging; pharmacokinetics and pharmacodynamics	Hans Van Dongen	Sleep effects on performance
Mary Paine * (to start August 7)	Drug-diet interactions; pharmacokinetics	Jonathan Wisor	Biochemistry and pharmacogenomics of sleep
Gary Pollack	Pharmacokinetics and pharmacodynamics		
Greg Poon	Molecular biophysics of gene regulation; targeted cancer therapy		
Ray Quock	Pharmacology of medical gases and hyperbaric oxygen		
Grant Trobridge	Gene therapy; vector-mediated genotoxicity		
Beth Vorderstrasse	Immunology and immunotoxicology		
John White	Pharmacokinetics		
Hui Zhang	Immunotoxicology of alcohol		

*Recent hires intended to be cross-appointed between Pharmacy and Medical Sciences

Thank you for your assistance with this urgent issue, which is of strategic importance to the Division of Health Sciences. Please let me know if you need any additional information, or if I can help facilitate this name change in some other way.

cc: Gary Meadows, Associate Dean for Graduate Education and Scholarship, College of Pharmacy
Ken Roberts, Head, Medical Sciences
Phil Lazarus, Chair, Department of Pharmaceutical Sciences
Mike Gibson, Head, Section of Clinical Pharmacology