The University of Arizona

FORMAT AND GUIDELINES FOR REQUESTING ACADEMIC DEGREE PROGRAM CHANGES

(Title change, transfer from one organizational unit to another, merging two or more academic degree programs)

Directions:
1. Provide information regarding the proposed program changes in the format requested on the attached pages. Respond to each item individually. Indicate "not applicable" where appropriate.
2. Obtain signatures of the department or committee head and college dean or Director of Graduate Interdisciplinary Programs. In some situations, signatures of more than one dean or department head may be required. If the changed program had a commitment of resources from other than the initiating unit, the signature of the collaborating department/committee head and collaborating college dean is also required. If you have any questions, please contact Patti J. King, MLK 320, 621-4107.
3. Forward the original and one copy to the college office for the dean's signature and retain a copy for departmental files.
4. The dean should forward the original to the Curriculum Office - Academic Programs, Attn: Patti J. King, MLK 320, and retain the remaining copy for college files. An electronic version of the documents with appropriate signatures is preferred but not required. For electronic submission, only the signature page should be submitted as a PDF.
5. Documents must be submitted in a timely manner to move through the campus/tri-university/Arizona Board of Regents approval process. UA campus protocols include review by appropriate subcommittee(s) of the Undergraduate/Graduate; full Undergraduate/Graduate/Graduate Interdisciplinary Programs Advisory Council review; Provost Management Group and Academic Council (deans) review; Instruction and Curriculum Policy Committee of the Faculty Senate and the Faculty Senate. Once through the UA campus protocols, proposals are sent for review by the Office of the Provost's Office to the Chief Academic Officers at Arizona State University and Northern Arizona University as well as to the Board staff at the Arizona Board of Regents, for final review prior to submission to the Arizona Board of Regents for formal approval.

Initiating college, department, or committee: Department of Cell Biology and Anatomy, College of Medicine

Title of this proposal: Change the name of the degree program from Cell Biology and Anatomy to Cellular and Molecular Medicine Doctor of Philosophy Program

Unit Administrator: (name and title) Carol Gregorio, Department Head

Unit Administrator Signature: __________________________ Date: 11/30/09

College Dean Signature: __________________________ Date: 12/18/09
Academic Program Change Request

Program Name and CIP Code
Cellular and Molecular Medicine Doctor of Philosophy Program

Requested by
Carol Gregorini, Department Head
Cell Biology and Anatomy

Desired Effective Term
Fall 2010

Background
The primary goal of the PhD program is to foster the development of scientists and educators who are prepared for lifetime participation in scholarly and intellectual pursuits. The program admits applicants for the Ph.D. or M.D./Ph.D only. A student graduating with a Ph.D. in Cellular and Molecular Medicine will receive advanced training in two areas:

Research: The primary aim of this program is to train scientists who are capable of maintaining independent and active biomedical research programs. Research areas of most, if not all of our faculty has become "translational disease-relevant" including basic cardiac and vascular development, neural development, cellular toxicology, immunobiology, cell biology and cancer biology. Career paths for graduates might include academic research and teaching positions, the biotechnology industry, law, journalism, public policy, or comparable endeavors requiring advanced expertise in biomedical research. Students in our program should demonstrate independent and critical thinking about scientific problems, and will show the ability to develop original ideas into substantive hypotheses. To test these hypotheses, graduates of our program will be technically proficient in an array of modern biomedical research techniques. Our students will complete a dissertation that is a complete piece of scholarly work that is suitable for publication in high-quality, peer-reviewed journals.

Teaching: Teaching is an important component of our students' training, and excellence in teaching is highly valued. Students will gain teaching experience in a formal classroom setting, in the laboratory, and in departmental journal clubs and seminars.

Rational for the request
- The department is requesting approval to change its name to Cellular and Molecular Medicine because the name of Cell Biology and Anatomy does not reflect who we are as a department or an academic program. Most, if not all, of our faculty are performing research that has a strong disease/translational link; this is reflected by membership in the Arizona Cancer Center, Sarver Heart Center, Arizona Arthritis Center, Center for Toxicology and/or Committee on Neuroscience. Our research programs include: cellular, molecular, and developmental biology, neurobiology, genetics, bioinformatics, toxicology and parasitology - with a strong emphasis in imaging. These extend well beyond the current name's breadth.
- The name is outdated
- The Anatomy name reflects poorly on the institution and degree as the term is seen as 'old-fashioned'.

Benefits to be derived
The new name:
- will help with attracting top quality students, post-docs and faculty
- describes all facets and breadth of the department's teaching and research
is modern and keeps up with other top institutions
- will assist faculty with obtaining external funding since "environment" is an important component of the grant review process
- will increase our ability to raise funds through philanthropy and grants

**Impact on Department/Institution**
Changing the PhD Program name at the same time as changing the department name will provide consistency for students and faculty.

**Implications for Students Affected by the Change**
- Greater value of the degrees awarded
- The new name will permit recruitment of top quality students and post-docs
- The proposed name is unique in Arizona

**Implications for Faculty Affected by the Change**
- The new name will permit recruitment of top quality faculty
- The new name will assist faculty members in securing grant funding in their current areas of research/focus

**Impact on Other Academic Units**
- This change will not disadvantage any other program as the name is unique in Arizona
- The name advances and much better reflects the translational/disease-focused research mission of the department
- The change will increase inter- and multi-disciplinary research collaborations
- Importantly, the "Anatomy" name will continue in use as a "Division of Anatomy" on all websites etc. This will be easily accessible on our webpage and gives our teaching faculty an academic home.

**Budgetary Impact**
Changing the Department name and the name of the PhD Program at the same time will reduce or limit the expenses associated with the name change. The department will able to make all of the necessary changes at the same time. In the long run, the name change is expected to help the department bring in revenue due to the points discussed above.

**NOTE:** The disestablishment of any Academic Degree Program requires approval by the Arizona Board of Regents prior to announcement and implementation. See ABOR Policy 2-203.

Effective: 4/2006

*Academic Program Change Packet, Revised 5-30-96*