SUSPENSION/DELETION OF A PROGRAM

College: Health Sciences | Date: April 20, 2007

Department (Unit): Clinical Sciences/Clinical & Reproductive Sciences | MAJOR CODE: CSC

Name of Program: D.Sc. in Clinical Sciences | CIP:

Nature of action (mark one) ☐ Suspension ☒ Deletion

Reason for suspension/deletion
Resources in the Division are being reallocated to support the proposed Ph.D. in Reproductive Science to be offered as multidisciplinary graduate program.

What provisions are being made for students already in the program?
The DGS has met with each student remaining in the program (3) and together they have developed a plan of completion for each individual. Each student has a research mentor and has been working on dissertation research. All three students are expected to complete the degree in 2008,

Will another degree program replace the one suspended or deleted? ☒ Yes ☐ No
If yes, please describe the new program.
Interdisciplinary Ph.D. in Reproductive Science.

Will courses connected with the program also be deleted? ☒ Yes ☐ No
If yes, forms for dropping a course or courses should be attached.

Date at which suspension/deletion will take effect. December 2010

Signatures of Approval

9/18/06
Date of Approval by Department Faculty

9/18/06
Reported by Department Chair

Sharon R. Kinsella 5/15/07
Date of Approval by College Faculty

Reported by College Dean

*Date of Approval by Undergraduate Council

Reported by Undergraduate Council Chair

Jeannine Blackwell
Digitally signed by Jeannine Blackwell
DN: cn=Jeannine Blackwell, c=US, o=University of Kentucky, ou=Graduate School, email=jeannine.blackwell@uky.edu
Date: 2007.11.13 11:30:18 -05'00'

*Date of Approval by Graduate Council

Reported by Graduate Council Chair

6/19/07
*Date of Approval by Heath Care Colleges Council (HCCC)

Reported by HCCC Chair

*Date of Approval by Senate Council

Reported by Senate Council Office

*Date of Approval by University Senate

Reported by Senate Council Office

Date: September 8, 2006; updated April 23, 2007

From: Doris J. Baker, Ph.D., CLS Division Director

Re: Closure of D.Sc. in Clinical Sciences

The graduate faculty members in the Division of Clinical Laboratory Sciences voted unanimously to close the D.Sc. in Clinical Sciences with an emphasis in Hematology/Transplantation Science: Voting faculty members included:

- Doris J. Baker, Ph.D.
- Phillip Bridges, Ph.D. (qualifies for Full Graduate status; in process of requesting graduate appointment)
- Damodaran Chendil, Ph.D.
- Linda S. Gorman, Ph.D.
- Chemyong (Jay) Ko, Ph.D.
- Anne Stiene-Martin, Ph.D., Emeritus
- Oliver Oakley, Ph.D.
- Julie A. Ribes, M.D., Ph.D., (medical director and jointly appointed in Clinical Sciences)

The decision to close this program is based on resource consolidation to allow more efficient delivery of programs and optimize faculty talents. The CLS Division currently delivers multiple education programs including:

- BHS in Clinical Laboratory Sciences
- Graduate Certificate in Reproductive Laboratory Sciences
- M.S. in Clinical Sciences (CSC), Reproductive Laboratory Sciences track
- M.S. in Clinical Sciences, Hematology/Transplantation Science track (19 semester hours of core in addition to discipline-specific courses)
- *D.Sc. in Clinical Sciences, Hematology/Transplantation Science Track* (35-40 semester hours of core beyond the master's degree for the D.Sc.)

Faculty members have had concerns about program quality in light of their many teaching commitments in addition to research, service and administrative responsibilities, with the D.Sc. program presenting the greatest challenge.

At the time the graduate programs were proposed in 2000 (M.S. in Reproductive Laboratory Science and both a M.S. and D.Sc. in hematology/transplantation sciences) there were eight full time faculty members and two full time professional staff/adjunct faculty in the CLS Division. The only programs being offered were the CLS traditional undergraduate program at the Lexington campus and the CLS undergraduate distance learning MLT to MT articulation program administered by the Center for Rural Health (CRH), with 3 of the 8 faculty members assigned in the MLT to MT distance learning program. The plan was to close the Lexington-based CLS traditional undergraduate program and reallocate those resources for the graduate programs. In addition to faculty in the CLS Division, core faculty members from the Markey Cancer Center, the Department of Medicine, and the Department of Radiation Medicine were appointed with teaching and research assignments in the CSC graduate programs in the

hematology/transplantation track. Approval of the proposal was based on these numbers as well as resources that were to be provided including 2 new faculty lines and 2 lab instructor positions to be available in the 2001-2002 fiscal year. Once the additional faculty members were in place and federal research funding was obtained, the goal was to move the D.Sc. to the Ph.D. degree.

Unfortunately the plan could not be implemented as proposed. The Lexington-based undergraduate CLS program was placed on hiatus in 2000 with the last class completing in 2002, but a modified 10-month program was reopened in 2004 (one year without teaching in the program) to respond to the extreme shortage of laboratory technologists in the Commonwealth. As a result, most resources associated with the CLS traditional undergraduate program remained with that program and did not become available for the graduate tracks. Not only were anticipated resources not forthcoming, but core faculty in the hematology/transplantation sciences track were lost when members from outside units left the University. The program also lost hematology/transplantation faculty within the unit due to attrition. By the beginning of fall semester 2005, one non-tenured faculty member remained in the discipline.

Both the M.S. in the Reproductive Laboratory Science (RLS) track and the hematology/transplantation track have been delivered successfully with the assistance of adjunct faculty, including an emeritus faculty member in hematology. The lack of faculty resources have, however, negatively impacted delivery of the D.Sc. program with courses in the doctorate having been delivered only once or not at all during the 6 years of offering the program. Lack of faculty, particularly funded faculty, has made it difficult to attract outstanding students because funds have not been available for fellowships. From the time of program inception until 2006, the only funding to support student research in the Hematology/Transplantation track was obtained by Dr. Oakley (R-15) in 2005. Although he has been very successful in mentoring students in the track, he can only take a limited number. Students in the hematology/transplantation programs have had to leave the unit for research projects and financial support available in other departments (e.g. one D.Sc. student completed in the laboratory of a faculty member in the Department of Anatomy and Neurobiology with tuition and stipend provided by that department and a current student is completing dissertation research in the lab of a faculty member in Biochemistry).

The end result has been that interest in the D.Sc. did not grow as anticipated resulting in low enrollment and concerns on the part of students enrolled in the D.Sc. Students from the D.Sc. program have complained about lack of research support (including lack of projects and mentoring in the unit), courses not being offered, and the fact that the D.Sc. has not been converted to the Ph.D. as they had expected would happen. Students have complained to administration both within and outside the CHS, including the Dean of the Graduate School, thus bringing negative attention to the program.

The status of the D.Sc. led to an administrative review. In February, 2006, the Dean met with Division faculty and voiced her concerns regarding the many program commitments; she also was most concerned about delivery of the D.Sc. degree. At that time she informed the faculty that the CLS undergraduate program must remain because of the need throughout the state and advised the faculty that, in addition to the required undergraduate program, they should focus on one graduate area and the one most likely to succeed. The charge was given to use the

Division's available line that had been vacated by a faculty member in the hematology/transplantation specialty to recruit a funded faculty member for the reproductive program, which had demonstrated success with federal funding and research collaborations with the Department of Medicine as well investigators nationally and internationally. Also, whereas students in the D.Sc. hematology/transplantation program found it necessary to identify mentorship outside the D.Sc. program, funded faculty in reproduction program were mentoring students from other departments (e.g. Biology) in their laboratories.

After extended discussions to determine the best course for the Division, the faculty agreed that the D.Sc. could not be delivered successfully with the limited resources available. They convened and voted to close the D.Sc. program. Faculty votes were later officially documented via an e-mail vote.

The interests and expertise of the two faculty members in the hematology/transplantation science track cross over with the field of reproduction and fit well with future plans the faculty members in the unit have unanimously agreed to pursue. Dr. Oakley is collaborating with reproductive faculty in the unit and now has preliminary data on the effects of CMV infection on estrogen. Dr. Chendil, who is a cancer biologist and was a research title faculty member at the time the decision was made, is focusing on cancers of the reproductive systems. He received the Komen Award in 2006 to study breast cancer and was recently awarded a RO-1 for $1.1 million to study novel treatment approaches for breast and prostate cancers. Now that the unit has a successful master's program in reproductive laboratory science and significant external funding in the focused area, the faculty members plan to develop a multidisciplinary Ph.D. in Reproductive Science. In addition to the funding cited for Drs. Oakley and Bridges, Dr. Ko has an RO-1, Drs. Ko and Bridges are funded by COBRE, and all the research faculty have additional support and/or serve investigators on other grants. All faculty will direct a course in his/her area of expertise in the proposed Ph.D. program; Dr. Oakley will be the instructor for Reproductive Immunology and Dr. Chendil will teach Biology and Therapy of Reproductive Cancer. The faculty as a whole are collaborating with scientists in the Department of Medicine and other units at the University of Kentucky to establish a Center of Excellence in Reproductive Sciences.

We are also ensuring that the three students remaining in the program will not be negatively impacted by this decision. All required and needed courses are continuing to be offered. The Director of Graduate Studies met with each student, and together they developed a plan of completion with all required and needed courses being made available to these individuals. All requirements are to be completed by December, 2010 and with a graduation date no later than May, 2011. Based on current progress in the program, all students will probably complete in 2008. Copies of the students' academic plans have been forwarded to the CHS Dean, the CHS Academic Dean and the Dean of the Graduate School for comment.

If you have questions or concerns, please contact me.

Brothers, Sheila C

From: Deem, Jodelle F
Sent: Tuesday, February 05, 2008 12:57 PM
To: Brothers, Sheila C
Subject: RE: New Cmte Items_Three Proposals
Importance: High

Sheila,

The majority of the members of the Senate Academic Programs Committee have voted to approve the following: Program deletion – Dr. Sci. in Clinical Sciences; New Graduate Certificate in Physiology Teaching; and the University Scholars Program in Mechanical/Biomedical Engineering. Let me know if you need anything additional from us on these 3 proposals. Thank you Sheila,

Jody Deem

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^^

From: Brothers, Sheila C
Sent: Wednesday, December 05, 2007 5:28 PM
To: Deem, Jodelle F
Subject: New Cmte Items_Three Proposals

Good afternoon, Jody! I have three proposals that need review by the Senate's Academic Programs Committee. The proposals are attached and can also be found at http://www.uky.edu/USC/New/AcadProgramsComm.htm

It is likely that these will be on the Senate agenda for March. Thus, I need them back from you no later than February 11.

Due to email problems on campus, would you please reply to me so I know you received this?

Thank you,
Sheila

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