

**GRADUATE COUNCIL
AGENDA
Monday, December 8, 2003
1:00 – 3:00 p.m.
Room 3201 Hart Hall**

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Program Review (Kavvas)	
Support and Welfare (Scalettar)	

Alan Hastings, Chair

MINUTES
GRADUATE COUNCIL
Monday, December 8, 2003

PRESENT: *Members:* T. Berger, A. Conley, S. Crum, J. Gibeling, A. Hastings, L. Kavvas, J. Meeks, J. Money, P. Singh, E. Sutter, A. Waterhouse, E. Watkins
Representatives: J. Karpel, J. Lane, S. Tatsch
Graduate Studies: C. Duffy, K. Garcia, L. Wilce

ABSENT: *Members:* K. Erickson R. Scalettar
Representatives: J. Galli-Banducci, E. Pyatt, C. Thornber, A. van Geelen

GUEST: Prof. Bruno Nachtergaele

Chair Alan Hastings requested that the **Winter Quarter 2004 calendar grids** be returned.

ACTION ITEMS

Applied Mathematics – Revised bylaws issue.

Since Chair Alan Hastings is a member of the Executive Committee of the Graduate Group in Applied Mathematics (GGAM), he recused himself and asked Vice Chair Trish Berger to chair the meeting for this item. Vice Chair Berger described the two questions that Graduate Council discussed at its last meeting. The bylaws are still being reviewed by the Courses and Bylaws (C&B) Committee, which consulted Graduate Council regarding the GGAM's voting procedure described in Article VII. Amendment of the Bylaws. The other question was the composition of the Executive Committee. Prof. Evan Watkins, Chair of the Courses and Bylaws (C&B) Committee, invited Professor Bruno Nachtergaele, the GGAM Chair, to attend this meeting to address these questions. Prof. Nachtergaele stated that the role of the Department of Mathematics faculty was not exchangeable by other non-Department of Mathematics faculty because the UCD Applied Mathematics graduate program is first of all a program in Mathematics, comprised of mostly of Mathematics courses with some applied courses outside the Department of Mathematics.

Prof. Nachtergaele said that there are different programs at other institutions where the mathematics department is not focused on the area of applied mathematics. However, here at UCD, the Department of Mathematics is very interested in applied mathematics and believes that it is good to have a strong close bond between the department and the graduate group and that is the nature of the UCD program. Although the possible applications for the dissertation are from a very broad range of areas, the Ph.D. student's major professor is usually in the Department of Mathematics. Just 28% of the major professors are from outside the Department and are doing research in different areas, for example, in fluid dynamics or signal processing. Prof. Nachtergaele said it was good for the Department of Mathematics to have contact with others and for there to be a wide range of applications. This is a strength of the graduate group which they want to maintain in order for students to learn about areas of application, for example in engineering. The graduate group encourages their students to interact with others outside of the Department of Mathematics. The Department of Mathematics strongly supports the graduate group with fellowships, TAs, seminars, and course buy-outs for some of their faculty, notably the GGAM Chair. Prof. Nachtergaele said that it was only natural that the bylaws require that the GGAM Executive Committee have 2 members from Mathematics, as well as a

quorum of Mathematics faculty for voting. He pointed out that this benefits both Math and non-Math faculty. The bylaws also guarantee at least 2 non-Math faculty on the Executive Committee and also at least a majority of those outside Math on voting.

Graduate Council's discussion with Prof. Nachtergaele included the nature and structure of graduate groups compared with departmentally-based graduate programs. Prof. Nachtergaele pointed out that the GGAM works quite well and would not want to do anything to jeopardize that. Council did not think that the GGAM would be jeopardized or that a separate graduate group would be likely to develop if there were no distinction between Math and non-Math faculty within the group.

Prof. Nachtergaele said that the Department of Mathematics is hiring new faculty, supporting students, and scheduling courses. He confirmed that the fellowships offered by the Department of Mathematics were available to all the GGAM students, including those with major professors outside the Department.

The Department of Mathematics is concerned about the GGAM. If GGAM changes, the Department may not support it and will propose a new program. Prof. Nachtergaele explained that when the GGAM started in 1985, having a graduate group was the only way for a graduate program to include faculty from other departments. Vice Chair Berger pointed out that since Phase III in the early 1990s, departmentally-based graduate programs have been required to open their membership to faculty outside their department.

Council members asked Prof. Nachtergaele how non-Math faculty are involved in the GGAM. Briefly, the basic coursework for the first 3 years is Mathematics based; students take 35 units of Mathematics courses. Afterwards, the curriculum/research is open-ended and can be taken in or outside the Department of Mathematics. The Ph.D. students' Qualifying Examination committee includes one faculty member outside the GGAM.

Chair Hastings thanked Prof. Nachtergaele for attending the meeting. After he left, Council continued its discussion of the GGAM and its bylaws.

Prof. Levent Kavvas chaired the last program review of GGAM and reported that the committee interviewed different sectors of the program, the Mathematics Department members as well as non-Department members. The general feeling about the program was quite positive from both groups of faculty. The Department of Mathematics has a significant commitment to the graduate group and does invest considerable resources in it, including administrative support and space. The program has a very well structured course curriculum and student training is rigorous and structured. Students then go into applied areas, e.g., signal processing.

Council members and representatives expressed concern about approving bylaws that do not conform to policy and thereby setting a precedent. Council was concerned with equity for all the faculty members of the graduate group. Dean Gibeling made the motion for Graduate Council to adhere to its long-standing policy of a single class of graduate program faculty membership. He recommended that the Courses and Bylaws Committee not approve the bylaws wording proposed by GGAM pertaining to two separate groups of faculty, the Math and the non-Math faculty, in its description of the voting quorums for amendments to its bylaws. The motion was seconded. Nine members voted in favor of the motion and two members abstained from voting.

(One member left the meeting before the vote.) The motion was carried. Profs. Berger and Watkins will write Prof. Nachtergaele with Council's recommendation.

Human Physiology, School of Medicine, request to change department name to Physiology and Membrane Biology” – Additional comments from Department Chair

Council considered the additional comments provided by the Chair of the Department of Human Physiology in response to Council's October 31, 2003 letter regarding the proposed name change. Council agreed to respond that its opinion remains unchanged, but it does not stand in the way of the name change. The vote was unanimous. Chair Hastings will write Prof. Bruce Madewell, the Academic Senate Chair.

Joint Doctoral Program in Ecology and Textile Arts & Costume Design

(1) Recommendation to close these two reviews

(2) Selection of these two additional programs to be reviewed in 2004-2005

Chair Hastings introduced the two items. The Program Review Closure Committee (PRCC) recommends the closure of the program reviews of the Joint Doctoral Program in Ecology and of Textile Arts & Costume Design. In addition, the Program Review Committee (PRC) recommends immediately initiating the review of these same two programs for next year.

PRC Chair Levent Kavvas said that the letters explain the two cases in detail.

Joint Doctoral Program in Ecology (JDE)

There was a serious recommendation in 2000 to disband the program and suspend admissions. However, Dean Cristina González did not act on this recommendation. What followed was a letter from San Diego State University and UCD representatives regarding difficulties faced by the program due to the retirements or departures of senior SDSU faculty, the success of the JDE students, and steps taken by SDSU in replacing faculty and re-invigorating the program. The PRCC examined the JDE program's June 9, 2000 response and found that steps are being taken to ensure truly joint features of the program. The Chair and participating UCD Ecology program faculty agreed that enactment of described measures would bring about important changes and they were willing to agree to continue program. They thought that the concern expressed in the PRC Report has softened and the program should be given a chance. The PRC recommendation is for a full review next year, which is two years ahead of schedule, and then if that review reflects sufficient progress in addressing the previous review's recommendations, to put the program back on the 7-year cycle. If the recommended steps have not been taken by program, then the PRC would recommend dissolving the program.

Council discussed whether the program should receive a full review next year while it is still in a transition period and is on a corrective path, whether to wait two years to conduct a full review, or whether to conduct a brief review next year. Council was informed that the PRC no longer conducts brief reviews. However, Council could discuss how to conduct the review and whether to include an External Reviewer. Chair Hastings responded to a question regarding whether closing the previous review was appropriate since the program is still addressing the recommendations; he said that review closure provides a paper trail for the next review. Dean Gibeling thought that there are benefits of having a joint ecology program. If corrective action can be taken, it would be well worth doing. The JDE program places UCD systemwide as the campus for joint programs in ecology.

Textile Arts and Costume Design

Chair Hastings reported that the Textile Arts and Costume Design program has problems that need to be confronted by the program and the administration. This departmentally-based graduate program is in the Department of Environmental Design. Prof. Kavvas reported that in the program's last review the PRC report made a recommendation that there be a brief review in 2004-2005. Instead, the PRC recommends a full review that directly addresses the current problems that this program faces, including a lack of commitment of funds for the graduate program. The department has a very large undergraduate major and does not have increased resources for the graduate program and the CA&ES is not in a position to support the program. Also, its very small size raises the question of viability of the program. Prof. Berger and Chair Hastings asked about the program's move to HARCS, which has promised Environmental Design FTE. Chair Hastings thought that it would be good to have the review during the move, as it would give the college feedback when it is hiring faculty. Prof. Alan Conley asked what advice was given to the program in its last review and whether it has been addressed. Chair Hastings and Prof. Berger mentioned the program's small faculty and large undergraduate program. The faculty live in the Bay Area and have no studio space here at UCD.

Action on both

Prof. Berger made the motion to accept the recommendation of the PRCC and PRC to close these two reviews and initiate new reviews for 2004-2005. Dean Gibeling thought that what Council needed from Textile Arts & Costume Design was a statement on its status. Ms. Garcia, the Program Review Committee Analyst, said that the PRC could request a "status report" due by the beginning of March 2004. Then if Council were to initiate a full review for 2004-2005, the PRC could give the program until November 2004, instead of until July 2004, to prepare its self-review package. Prof. Kavvas reported that the situation with the JDE is quite serious and his opinion is that there should be a full review of the joint program.

Prof. Berger revised her motion to: close both reviews, initiate a full review of the Joint Doctorate in Ecology, and to start with the "status report" option for Textile Arts & Costume Design. Ms. Garcia asked whether an External Reviewer (ER) would be included in the Joint Doctorate in Ecology review. Chair Hastings responded in the affirmative since there is an ER for full reviews of Ph.D. programs. He raised the question of having an ER for terminal degrees, such as the M.F.A. This will be discussed at another time. Dean Gibeling seconded the motion and the vote in favor was unanimous.

CONSENT ITEM

Minutes from November 17, 2003 Chair Hastings removed the November 17, 2003 minutes from the consent list. The list of attendees was corrected to include Dr. Joanne Galli-Banducci. Prof. Berger corrected the CCGA report on page 8 to say, "the UCOP **currently plans** to keep the ratio of undergraduate:graduate enrollment increases the same." Ms. Sheri Tatsch pointed out a typographical error on page 7, where \$6 M was substituted for \$600,000.

Minutes from October 17, 2003

These minutes remained on the consent list and were approved as presented.

Computer Science – Revised bylaws

These bylaws were removed from the consent list. There were questions regarding two statements on page 2 under **Executive Committee**. (1) "The Chair of the Department of Computer Science shall be a voting member of the Executive Committee." Council thought that

the department chair should be a non-voting member. (2) “At least one member of the Executive Committee will have their primary appointment in a department other than Computer Science.” Dean Gibeling thought that the program needed to clarify this statement. Chair Hastings said that the program really meant one member, but it needed to define exactly how it is achieved.

Dean Gibeling pointed out that the program needed to define how the Executive Committee members’ 3-year terms would be staggered. Chair Hastings requested that the bylaws be revised and brought back to the next meeting as a consent item. C&B Chair Prof. Watkins will request the revisions and clarifications from the program chair.

ANNOUNCEMENTS

Graduate Council Chair

Chair Hastings said he had no announcements.

Dean--Graduate Studies

Graduate Studies Dean Jeffery Gibeling made several announcements. He was just at a **CGS meeting**, where he learned that other institutions have more emphasis on “outcomes” of graduate education. He gave a small talk on how to manage interdisciplinary graduate programs. Graduate groups are a way of life here, but not at other institutions. He described how to put them together, how to support them, and how to nurture them. At UCD there is a lot of collaboration and cooperation, which is a distinctive advantage.

Regarding the **State budget**, outreach and recruiting funds are being cut. This includes \$40,000 for diversity recruiting and \$200,000 for the UC LEADS program for under-represented undergraduates to continue as graduate students in science and engineering. These budgets have been cut in half this year and probably will be cut completely next year.

UC has reached an agreement with the UAW for the **TA contract** for the next 3 years. The contract includes a 1.5 % wage increase, health benefits, and fees paid at 100%. The workload grievance procedure remains the same and the sympathy strike issue has been resolved.

Associate Dean for Graduate Programs

Associate Dean for Graduate Programs Paul FitzGerald was absent.

Associate Dean for Students

Associate Dean for Students Melvin Ramey was absent.

Coordinating Committee on Graduate Affairs

Vice Chair Trish Berger, Graduate Council’s representative to CCGA reported on several items. UC negotiated a **contract with Elsevier** that reduced costs for electronic access to Elsevier journals. At the CCGA meeting, volunteers to serve on the **systemwide Academic Council ad hoc committee on electronic publishing** were requested and she eventually volunteered. CCGA considered the grade card **on options on budget issues and enrollment** and which options it preferred. CCGA members were asked to comment. CCGA's response was that the only real issue for graduate students was the NRT and its only comment was to be against any increase. CCGA proposed a **teaching workload metric for graduate education** since the proposal in the existing document is oriented towards undergraduates and under-represents the effort for graduate students. Graduate education non-coursework teaching is not adequately

represented. Proposed choices attempt to evaluate teaching that is involved in non-formal class settings including one-on-one.

Term of CCGA Representative: CCGA will require its members to serve two-year terms beginning next year. Chair Hastings said that since the campus CCGA representative is appointed by the Academic Senate Committee on Committees, this change needs to be taken into consideration by the Academic Senate's Academic Council and Committee on Committees, as well as by Graduate Council. Prof. Berger brought this item to Graduate Council's attention because on our campus, the CCGA representative is normally also the Vice Chair of Council and there is the expectation that this person is a candidate for the Chair's position when the current Chair steps down. This term change means that the person would likely serve at least four years on Graduate Council, two years as the CCGA representative and Vice Chair and an additional two years as Graduate Council Chair. Chair Hastings pointed out that there is no policy requiring the CCGA representative to be the Vice Chair of Graduate Council and the two positions could be uncoupled.

Graduate Student Association

GSA Chair Jonathan Karpel announced that the GSA has formed a committee to examine the campus policy on Assistant Ins and how it is applied across campus. The GSA may present its findings to its assembly and if so, then to Graduate Council.

Postdoctoral Scholars Association

PSA Chair Dr. Albert van Geelen and Dr. Carol Thornber were absent.

Graduate Student Assistant to the Dean and Chancellor

Ms. Sheri Tatsch had nothing to report.

SUBCOMMITTEE REPORTS

There was just one subcommittee report.

Educational Policy

Prof. Andrew Waterhouse, the Chair of EPC, said that his committee has been meeting regularly and was caught up on its agenda items. However, it has received four new major items. One of these is the proposal for the Joint Ed.D. Program with CSU Sacramento and Sonoma State University. He asked Council for its advice on reviewing this program. Dean Gibeling suggested that the physical proximity of the participating institutions is a factor in the success of these programs. Given that CSUS and Sonoma State are the two closest CSU campuses, this program should have a high probability of succeeding. Chair Hastings pointed out the Joint Doctoral Program in Ecology with San Diego State University as a case in point. Prof. Waterhouse asked whether CCGA had any advice regarding bylaws. Prof. Berger responded that the CCGA does not necessarily require bylaws of new programs; this is not a universal requirement. However, she reported that CCGA is drafting some new guidelines with regard to joint doctoral programs.

The meeting was adjourned at 2:50 p.m.

