

**GRADUATE COUNCIL  
MINUTES  
November 19, 2015  
307 Kerr Hall, 2:00-4:00 p.m.**

**Present:** Don Smith (Chair), David Brundage, Pascale Garaud, Dean Mathiowetz, Dard Neuman, Stefano Profumo, Tyrus Miller (ex officio), Christy Caldwell (Library Rep), Anjali Dutt (Graduate Student Rep), Jess Whatcott (Graduate Student Rep), Jessica Perez (Graduate Student Rep), Esthela Bañuelos (Senate Analyst)

**Absent:** Anjali Arondekar, Roberto Manduchi, Ruby Rich

**Guests:** Jim Moore, Assistant Dean of Graduate Studies

**Member's Items**

Dean Miller announced he will be attending the Council of Graduate Deans meeting in Seattle the following week.

Chair Smith announced that Vice Provost for Academic Affairs Herbie Lee has asked the Council to take on the role of developing the policy and guidelines for 4+1 Bachelor's/Master's paths that utilize existing programs to facilitate earning the MS in a 5th year. Up to now, the VPAA has been leading the effort, in consultation with the Council. The Council has appointed a subcommittee of members to work on the guidelines.

**Music Department External Review Deferral Request**

With member Neuman recused, the Council discussed the Music Department request for a one-year extension on their external review set for 2016-17. The Council supported Vice Provost for Academic Affairs Lee's recommendation for a six year review cycle, a recommendation the Council noted was consistent with its response to the Music Department mid-cycle review report (June 6, 2014).

**Proposal for a Designated Emphasis: Scientific Computing**

The Council reviewed a proposal from the Applied Mathematics and Statistics Department for a Designated Emphasis (DE) in Scientific Computing. The Council approved the DE in Scientific Computing as proposed. The DE will be effective beginning with students who apply in the 2015-16 year and students who have already begun meeting the DE requirements and expect to complete them in the 2015-16 year.

The Council also requested that the department add the DE requirements to its proposed program statement for the 2016-17 catalog copy.

**External Reviews**

Comments on the ERC Report (Stage 2)

*Computer Engineering*

The Council commented on the Computer Engineering external review report. The Council noted that the ERC praised the strength of the Department's undergraduate program, specifically in connection with the popular robotics/mechatronics program. At the graduate level, the ERC observes that graduate student morale is high, with the exception of what pertains to the curriculum offerings, and that funding for the graduate program appears adequate and on a positive slope. The Council's discussion centered around

five issues: (i) curriculum changes; (ii) distribution of graduate student/research mentoring across the CE faculty; (iii) resource horizon for the Department; (iv) research facilities; and (v) Computer Science/CE merger.

**Consultation: VPDGS Miller**

The Council formally consulted with VPDGS Miller on the topic of the block allocation formula. Dean Miller also presented a spreadsheet on graduate student support and projections, which outlined sources of support for graduate students from 2010-11 to 2016-17. The discussion included sources of support, but also turned to questions about TA:undergraduate ratio calculations, with some members noting the averages are higher in their respective departments. Members raised questions about how graduate growth might affect the campus (will growth occur proportionally across departments or is growth anticipated in specific areas). Members also raised questions about sources of support at UCSC vs. other UC campuses. Dean Miller also discussed graduate growth in context of student placement and opportunities for professional development beyond the professoriate.

Dean Miller discussed the need for prioritizing graduate education on the campus. Members raised questions about the process and plans to achieve growth, and about the impact of new initiatives and programs on actual graduate growth.

Dean Miller noted that faculty numbers and graduate size are important to graduate growth, and that new FTE hires should be strategically placed to enhance graduate growth.

When asked by the Council how he envisioned GC and Graduate Division collaboration to help facilitate graduate growth, Dean Miller responded that he is working on three initiatives 1) the recommendation from the Joint Senate/Administrative Task Force on Graduate Growth to implement non-resident tuition fellowships, 2) an initiative on Centers of Excellence 3) leveraging funding through research development.