

GRADUATE COUNCIL MINUTES  
September 17, 1974

Present: Bachmann  
Dean  
Horner  
Liu  
Pantalone, C.  
Pantalone, D.  
Pohm  
Tabatabai  
Wheelock (representing Larson)

Pohm called the meeting to order. All members present introduced themselves. Copies of the agenda of this meeting were distributed. Horner moved, and Bachmann seconded, that the minutes of the May 20, 1974 meeting be approved as circulated. Motion carried.

Pohm reported on the exchange of letters between the Graduate Student Senate and Dean Zaffarano on Graduate College's action last spring of presenting free copies of the THESIS MANUAL to Graduate Faculty members. A Council member indicated that this subject is currently under study by the GSS Thesis Cost Committee.

The Secretary was requested to give a report on the progress of the handbook, GRADUATE COLLEGE POLICIES AND PROCEDURES, at the next Council meeting.

Pohm relayed Dean Zaffarano's wishes for input from the Council on the role and scope of the Graduate College. He explained that the major functions of the Council are to gather information and to advise the Dean. The Council considered various mechanisms for soliciting input from the Graduate Faculty.

Pohm reviewed the background of a proposal for establishing an Ed.D. degree. Questions were raised a few years ago concerning the existence of different educational needs at this University. Since the Ph.D. degree is traditionally a research-oriented degree, it does not serve the educational needs of those who wish to pursue an advanced degree in order to improve their professional skills. The Council discussed the ramifications of the Ed.D. proposal:

- 1) In the event that professional degrees such as the Ed.D. are established, should they be administered by the Graduate College or the respective professional colleges?
- 2) Should research be the only criterion for Graduate Faculty membership?
- 3) Should lecturers who are not Graduate Faculty members be allowed to serve on the committees of non-thesis Master's degree and professional degree candidates?

It was commented that ISU is "unique" in having a different set of rules regarding Graduate Faculty membership. Pohm noted that Dean Zaffarano is appointing a committee to examine the ground rules governing Graduate Faculty membership. Members expressed a desire to discuss the ground rules with the Dean.

It was decided that Pohm will invite a few faculty members in the College of Education and other colleges to attend selected Council meetings to define and discuss the problem of research-oriented degrees vs. profession-oriented degrees.

Bachmann expressed his concern on the pending change of fee structure at ISU. Pohm indicated that he will present information on this subject at the next meeting if available. He remarked that, from all indications, this problem will be resolved to the satisfaction of all concerned in the near future.

After reviewing each member's schedule, the Council decided to hold Fall Quarter meetings on alternate Mondays from 5 to 6 p.m., beginning September 23, 1974, in 209 Beardshear. Members agreed to meet at the same time every Monday if and when the work load demands the change.



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Annabel L. Liu, Secretary

GRADUATE COUNCIL MINUTES  
September 23, 1974

Present: Bachmann  
Dean  
Fanslow  
Horner  
Liu  
Pantalone, C.  
Pantalone, D.  
Pohm  
Tabatabai  
Wheelock (representing Larson)

Pohm called the meeting to order. Horner moved, and C. Pantalone seconded, that the minutes of the September 17, 1974 meeting be approved as circulated. Motion carried.

Pohm reported that Dr. R. A. Engel and a 3-man committee from the College of Education may attend the next Council meeting to present their views on research-oriented degrees vs. profession-oriented degrees. Some staff members at the Engineering Extension are also invited.

On the termination of fee reduction, Pohm relayed a proposed plan of defining all graduate assistants as in-state residents who would pay \$240 per quarter in tuition. However, a \$120 scholarship would be awarded per quarter to graduate assistants and other graduate students with high scholastic standing. This plan, Pohm emphasized, is subject to the approval of the Board of Regents.

A Council member indicated her understanding that offering scholarships would only be an interim procedure. New budget proposals would have to raise stipends to compensate the difference. Pohm will seek to clarify this with Dean Zaffarano. Another member conveyed the concern of the GSS on the pending change of fee structure. Questions were raised regarding TAs on 9-month appointments who would have to pay summer tuition. The disadvantage, for recruiting purposes, of not being able to guarantee tuition scholarships, was also voiced. Pohm agreed to present these concerns to the Graduate Dean.

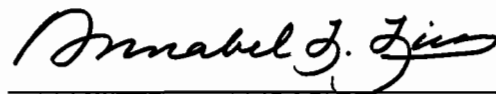
A letter, dated September 18, 1974, by GSS president Wayne Rohrbaugh to former Council chairman Ruth Wildman on fee dispensation of THESIS MANUAL to Graduate Faculty members was circulated. Horner moved (Bachmann seconded) that, beginning Winter Quarter, graduate students who are seeking a thesis degree and new Graduate Faculty members be given the THESIS MANUAL with the expenses borne proportionately by the Thesis Office and the Graduate College. Motion carried.

The secretary reported on the state of the handbook, GRADUATE COLLEGE POLICIES AND PROCEDURES and pointed out the problem of simply cross indexing information contained in the GENERAL CATALOG, the GRADUATE COLLEGE CATALOG, the FACULTY HANDBOOK, and the GRADUATE STUDENT HANDBOOK. This means that for many

subjects of concern, a faculty member will have to consult as many as five different documents. Furthermore, information in the different documents is not always consistent. Dr. N. L. Jacobson, Associate Dean of the Graduate College, sees a need for a definitive and comprehensive handbook for Graduate Faculty members. The Council discussed the problem, but no action was taken.

C. Pantalone moved, and D. Pantalone seconded, to adjourn the meeting. Motion passed.

The next Council meeting will be held on Monday, October 7, 1974 from 5 to 6 p.m. in 209 Beardshear.



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Annabel L. Liu, Secretary

GRADUATE COUNCIL MINUTES  
October 7, 1974

Present: Bachmann  
Dean  
Fanslow  
Horner  
Liu  
Pantalone, C.  
Pantalone, D.  
Pohm  
Tabatabai  
Wheelock (representing Larson)

Also attending: Dr. C. L. Townsend  
Dr. L. B. Coady

Pohm called the meeting to order. Dean moved, and D. Pantalone seconded, that the minutes of the September 23, 1974 meeting be approved as circulated. Motion passed.

Pohm announced the following:

1. Two Engineering Extension representatives were coming to attend this Council meeting to discuss graduate level educational needs in the College of Engineering. Three faculty members from the College of Education plan to attend the next meeting.
2. The \$120 scholarship plan will become permanent, if the proposed change of fee structure as stated in the September 23, 1974 Council meeting minutes receives the approval of the Board of Regents.
3. The Graduate Faculty Cabinet approved, and the Graduate Office will implement the motion made by the Council during the September 23, 1974 meeting, to provide free copies of the THESIS MANUAL to thesis degree students when their P.O.S. forms are filed.

Drs. Townsend and Coady joined the Council. Both are Electrical Engineering faculty members who also work in Engineering Extension. Townsend described the College of Engineering's continuing education program which provides off-campus courses to engineers in industries who wish to upgrade or update their professional skills. A majority of these courses involve graduate work, offered for both continuing education and graduate education purposes. During the past academic year, 369 students enrolled in off-campus courses for graduate credit and 124 for no credit. In response to a question, Townsend indicated that the principal effort has been on credit courses, because the majority of off-campus students enroll with the intention of eventually earning a graduate degree. However, full-time work duties and other obligations divert most candidates from completing their graduate program. In other words, the educational need of off-campus students can be either a profession-oriented graduate degree or continuing education which occasionally involves taking graduate courses, and these needs often criss-cross. Townsend estimated the percentage of off-campus students receiving advanced degrees as "very small."

Townsend distributed copies of a College of Engineering proposal to establish a Professional Development Program to award certificates to off-campus students in recognition of their completing 500 hours (or 15 credit hours) of work.

Pohm solicited opinions of Council members on whether or not profession-oriented graduate degrees should be administered by the Graduate College. The general feeling of the Council was that they should be, but that a Professional Development Program as proposed by the Engineering College would be appropriately administered by the College of Engineering.

Wheelock spoke on the Chemical Engineering program which prepares students to enter the profession at two levels. Undergraduates may choose either the basic four-year practice option, or a more science-oriented, five-year option which leads to the Master of Engineering degree. (The M.E. degree requires one year of course work, including six hours of independent study but no thesis.) A bachelor's degree is awarded to students who complete the four-year requirements in either program, and qualified graduates from either program may choose to work for research-oriented graduate degrees.

One of the Council members suggested that the Council discuss the Graduate College 5-year rule at the next meeting, to be held on October 21, 1974, from 5 to 6 p.m. in 209 Beardshear.



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Annabel L. Liu, Secretary

GRADUATE COUNCIL MINUTES  
October 21, 1974

Present: Dean  
Fanslow  
Horner  
Liu  
Pantalone, C.  
Pantalone, D.  
Pohm (Chairman)

Also attending: Dr. H. E. Dilts  
Dr. W. A. Hunter  
Dr. C. R. Kniker

Representatives from the College of Education, Drs. Dilts, Hunter, and Kniker, were present. The meeting was called to order. C. Pantalone moved (Horner seconded) that the minutes of the October 7, 1974 meeting be approved as circulated. Motion carried.

Pohm summarized views presented by the Engineering representatives at the last Council meeting and explained that the Council is trying to define educational needs at the graduate level and develop questions on the role and scope of the Graduate College.

Dilts described the two basic types of students the College of Education serves. In order to teach in public schools in Iowa, one must hold a teaching certificate which is valid for ten years. During the ten years, teachers may come back to school to take nine credit hours of graduate level courses to qualify for recertification. They may also elect to work for a Master's degree, the recipients of which are awarded a permanent, professional certificate. According to Dilts, the majority of teachers have dual educational objectives, taking courses for recertification with the purpose of eventually earning a Master's degree. The College of Education also offers Ph.D. programs for those going into higher levels of school administrative positions and for those who wish to enter a career in higher education.

The Ed.D. question was raised. Hunter commented on the diversity of requirements across the country in graduate programs in general, and the Ed.D. program in particular. Dilts felt that the thrust of the Ed.D. program depends on the institution. At some institutions, the Ed.D. program is indistinguishable from the Ph.D. program, whereas at others, it is purely profession-oriented. He felt (so did Hunter and Kniker), that the Ed.D. should have a strong research component. Dilts thought that careful study should be made before the Ed.D. program can be implemented at ISU and questioned how much difference there would be between the Ed.D. and the Ph.D. programs when the two would be housed in the same department and served by the same faculty.

Pohm posed two questions in light of the above comments: (1) What programs should the College of Education offer in order to meet the needs of a diverse graduate student body? (2) What qualifications should be required of those who teach in these programs?

In response Dilts observed that the basic requirement for Graduate Faculty membership at ISU has been, with some variations, a minimum number of scholarly publications in refereed journals. However, he pointed out, many fields,

including education, have no refereed journals. He would like to recommend that the Graduate College appoint a group to study the criteria of Graduate Faculty membership with the purpose of possibly broadening the standard of the present process. Since the present standard is modeled on physical sciences, Dilts suggested grouping fields that have common characteristics (such as education, social sciences, humanities, and arts), separating them from the physical sciences, and developing a set of criteria which will be more responsive to the circumstances of these fields.

Pohm indicated that representatives from the College of Sciences and Humanities will attend the next Council meeting, scheduled for November 4, from 5 to 6 p.m. in 209 Beardshear. He will also inquire the Graduate Dean concerning the status of fee reduction change and report at the next meeting.



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Annabel L. Liu, Secretary



GRADUATE COUNCIL MINUTES  
November 4, 1974

Present: Bachmann  
Dean  
Fanslow  
Larson  
Liu  
Pantalone, C.  
Pantalone, D.  
Pohm (Chairman)

Also attending: Dr. R. N. Kottman  
Dr. R. M. Stewart

The meeting was called to order. Fanslow requested that paragraph 6, line 3-4 of the minutes of the previous meeting (October 21, 1974) be corrected to read: "However, he pointed out, many fields have no refereed journals. Education has many non-refereed journals..." D. Pantalone moved and Fanslow seconded that the minutes of the October 21, 1974 meeting be approved as corrected. Motion carried.

Dr. Kottman, Professor of History and former Acting Chairman of the History Department, and Dr. Stewart, Professor and Chairman of the Computer Science Department, were present. Pohm reiterated the Council's intention to enter into a dialogue with all colleges on campus concerning graduate educational needs and qualifications for Graduate Faculty membership.

Kottman discussed two problems which he found disturbing, the policy that 400-level courses cannot be used for major graduate credits and the Graduate Faculty Membership Committee's practice of "trying to make all disciplines on campus conform to the canons of one."

Responding to Pohm's questions concerning the difference between undergraduate and graduate education in the History Department and the necessary qualifications of faculty to address the difference, Kottman indicated the level of sophistication as the major distinction. In addition, he pointed to the presence of the research element in graduate work in history which does not exist in undergraduate studies. As regard to qualifications for Graduate Faculty, he stressed that each discipline has its own concept. For example, the concept of what is appropriate for a Ph.D. dissertation is different between the fields of history and physics. It was his understanding that, in physics, the Ph.D. dissertation is often not considered an independent piece of work, with the major professor serving as co-author in papers which stem from the dissertation. However, he pointed out that in history, the thesis or dissertation is solely one man's labor -- the student's. Kottman would like persons in charge of grant distribution to recognize the needs of the historians. According to Kottman, the historian's ultimate achievement is the publication of books, not research papers, and the fact that the greatest bulk of history materials not being available at ISU presents a problem. Faculty members in history need financial support as well as a block of time free from teaching and administrative duties to conduct their research in libraries which provide relevant materials.

Stewart expressed his support for the idea of recognizing the needs of different fields. He stressed that consideration should be given to the fact that departments and disciplines on campus are at different levels of maturity. He described the circumstances of computer science which is a relatively young

department in a comparatively new field. Stewart would like to suggest some mechanisms by which young instructors serving as co-chairman on P.O.S. committees can be recognized. Stewart thinks the concept of Graduate Faculty valid but recommended that Graduate Faculty members be continually evaluated on an individual basis. Kottman concurred on the necessity of reviewing Graduate Faculty membership but insisted that professionals in a given field should determine their own criteria in the evaluation of their peers.

The question of non-research doctorates was raised by D. Pantalone. Stewart saw a need for non-research graduate degrees, including non-dissertation doctorates. However, he felt that recipients of such degrees should not serve on the Graduate Faculty without added evidence of research interest and expertise. On the other hand, Kottman would oppose granting of Doctor of Arts degrees. He expressed the conviction that, to be effective, teachers, even those at the junior college level, must have scholarly interest and keep current.

Pohm reported that the proposed plan on fee reduction change will be considered by the Board of Regents at its next meeting, scheduled for November 14 and 15. He also announced that another two faculty members of the College of Sciences and Humanities, one from physics and the other from sociology or political science, will be invited to speak at the next Council meeting. The Graduate College five-year rule will also be on the agenda of the next meeting, which, due to schedule conflicts of final examination week, will be held from 2 to 3 p.m. on Monday, November 18 in 209 Beardshear.



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Annabel L. Liu, Secretary

GRADUATE COUNCIL MINUTES  
November 18, 1974

Present: Bachmann  
Dean  
Fanslow  
Horner  
Liu  
Pantalone, C.  
Pantalone, D.  
Pohm (Chairman)  
Tabatabai

Also attending: Dr. D. F. Hadwiger, Professor of Political Science  
Dr. S. Legvold, Professor of Physics  
Dr. J. Rasmussen, Professor and Chairman of Political Science

Pohm called the meeting to order. C. Pantalone moved (Fanslow seconded) that the minutes of the November 4, 1974 meeting be approved as circulated. Motion passed.

Pohm commented on the diversity of graduate educational needs at ISU and solicited views from the political science representatives.

According to Rasmussen, the Political Science Department offers work for the M.A. degree with thesis and non-thesis options. Within either option, a specialization in public administration is possible. The public administration non-thesis M.A. is, in essence, a professional degree, designed for those who wish to enter public service after graduation. Rasmussen expressed the opinion that it would be appropriate to have a few faculty members serve on the non-thesis public administration program who are not involved in research but have valuable professional experience in government. Others who serve on the same program, he felt, should be those who do scholarly research.

As to the present criteria for Graduate Faculty membership, Rasmussen pointed out that there is a reference to requirements for full members in the Graduate College Notes which seems to be written for the natural scientists and would not be applicable to political science.\* However, he felt that these criteria are sufficiently general, and that, given flexibility in implementation, they would pose no problems. The problems, he remarked, have been with the implementation of these criteria. He commented on instances when negative decisions were made with no indication of why the candidates were found wanting.

A lengthy discussion ensued, with Legvold defending the Graduate Faculty Membership Committee's intent of upholding high scholastic standards and Rasmussen also supporting that intent but emphasizing the various differences in the nature of divergent disciplines and demanding "openness" on how decisions were reached by the Committee.

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\*Graduate College Notes page 224, paragraph 3, line 1-3: "Full members are expected to be currently involved with creative activities of the type which at the minimum could be considered acceptable topics for research or training of advanced graduate students..."

Rasmussen felt that the Membership Committee cannot make a sound judgment without relying on the opinions of the nominee's peers in the same field. He complained that the Committee paid little attention to the input of the department concerned and seemed to be questioning the department's ability of assessing the quality of the candidates. Rasmussen suggested that a resource person from each department be designated, so that when a nominee is being evaluated, the opinion of the resource person from the same department would be sought and taken into consideration by the Committee. Rasmussen also supported the comments of a Council member on the fact that publishing opportunities vary from one discipline to another. Furthermore, in social sciences, major professors do not serve as co-authors with their graduate students on thesis projects and therefore do not acquire joint publications. There are generally more research funds available in natural sciences than in social sciences. It was also pointed out that papers in social sciences tend to be longer and, consequently, more time consuming to write. A Council member mentioned the problem of social scientists having to work with variables they cannot manipulate. In short, the differences between natural and social sciences were vocalized.

On the other hand, Legvold was adamant that the Graduate College should stand for high academic achievement and intellectual pursuits. He read the promotion standards of the Physics Department and spoke of the Membership Committee's effort in communicating with the department chairmen on cases concerning the evaluation of nominees. He felt that the Committee has always considered both quality and output. Legvold took the stand that professional degrees have no place in the Graduate College.

Pohm raised the question of whether or not the quality of graduates should be part of the evaluation of the quality of a department. While Legvold expressed the opinion that the role of the Graduate College is to foster research, not to train administrators, others felt that such considerations should not be foreclosed.

A member requested that copies of two articles, one from the fall 1974 issue of *The Southern Sociologist* and the other from *The Sociological Quarterly* (fall 1973), be distributed to members.

Topics for discussion at the next Council meeting will be the Graduate College 5-year rule and revision of title pages of theses and dissertations.



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Annabel L. Liu, Secretary

GRADUATE COUNCIL MINUTES  
December 10, 1974

Present: Bachmann  
Dean  
Fanslow  
Horner  
Larson  
Liu  
Pantalone, C.  
Pantalone, D.  
Pohm (Chairman)  
Tabatabai

Pohm called the meeting to order. Horner moved and C. Pantalone seconded that the minutes of the November 18, 1974 meeting be approved as circulated. Motion carried.

The Graduate College five-year rule was discussed. Council members' understanding varied on (1) when the five-year limit begins and (2) how it is enforced. Some thought the rule meant work toward a Ph.D. degree must be completed within five years from first registration in an ISU doctoral program, while others interpreted that credits earned more than five years ago could not be accepted in a Ph.D. program. Members generally believed that the decision on which portion of credits to accept should be made by the P.O.S. committee. The secretary was instructed to search the Graduate College Notes for a statement on the five-year rule and inquire the Graduate Deans for interpretation.

Members then discussed the proposal that all members of the advisory committee be required to sign the title page of a thesis or dissertation. Pohm reported that some Graduate Faculty members felt that signatures on the title page tended to imply total approval. A Council member also noted the difficulty the student would incur in trying to round up signatures from every member of the committee. The possibility of listing the names of all committee members on the title page but requiring only the chairman's signature was considered, but was dropped when it was mentioned that such practice may also suggest general approval. Dean moved (Larson seconded) that the Council recommend that the signatures of committee members not be required for thesis or dissertation title pages. Motion carried. D. Pantalone moved that the Council recommend requiring that names of members of the advisory committee be mentioned in the acknowledgment or elsewhere in the thesis or dissertation. After a brief discussion, the motion was amended to read that the Council recommend that students be encouraged to list names of committee members in the thesis or dissertation. The amended motion, seconded by Horner, carried.

The Council discussed the possibility of requiring students to speak on their intended research during the preliminary oral examination, in addition to answering questions on major and minor subject areas. This would give the advisory committee members an opportunity to evaluate the topic before research is under way.

A Council member suggested setting an upper limit on the number of advisory committees on which a faculty member may serve. Others noted, however, that

committee load for a given faculty member often fluctuates from quarter to quarter, and that work expended for serving on advisory committees varies from one individual to another. It was decided that the DOGE's should take the responsibility of discouraging faculty members from serving on too many committees.

Pohm reported that Dean Zaffarano plans to appoint a committee to study the role and scope of the Graduate College. The Council will continue to solicit views from different segments of the University on this subject for input to the committee. Pohm would like to invite members of the Colleges of Agriculture, Home Economics, and Veterinary Medicine to express their opinions and asked members of the Council to suggest names.

At the next meeting, to be held on Tuesday, January 7, 1975 from 8 to 9 a.m. in 209 Beardshear, the Council will continue the discussion of topics explored at this meeting.



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Annabel L. Liu, Secretary

GRADUATE COUNCIL MINUTES  
January 7, 1975

Present: Bachmann  
Dean  
Fanslow  
Horner  
Larson  
Liu  
Pantalone, C.  
Pantalone, D.  
Pohm (Chairman)

The meeting was called to order. Horner moved (Larson seconded) that the minutes of the December 10, 1974 meeting be approved as circulated. Motion carried.

Copies of a memo dated January 3, 1975 from Dr. G. E. Klonglan to Dean on the five-year rule for Ph.D. programs were distributed.

The Council continued the discussion of the time limit. The Klonglan memo shows that there are different interpretations of the Graduate College five-year rule. The secretary reported that the Graduate College Notes and the Graduate Catalog both make brief reference to the time limit, but do not specify when the five year begins. Dr. M. J. Ulmer, Associate Dean of the Graduate College, clarified it as beginning with the first enrollment in an ISU Ph.D. program. The Council was in agreement with this interpretation and wishes to see it in print to dispel confusions. On the other hand, the Council believed that there should not be a time limit rule on credits allowed in a Ph.D. program, since there are fundamental courses which may not be out of date after five years. Members are of the opinion that credits to be allowed in a program should be the decision of the student's advisory committee. A motion was made to this effect, and subsequently, an amendment to the motion was proposed. It was decided, however, that the motion be tabled until the next meeting.

On qualifications for Graduate Faculty membership, a member of the Council questioned what weight, if any, is given to the nominees' ability and desire to work with graduate students on theses and dissertations. (Does the present heavy emphasis upon publications assume that one who can conduct research and publish is ipso facto an excellent teacher of research methodology?)

Another member suggested that the Council should consider recommending meeting of the advisory committee to decide on the Program of Study. This would provide an opportunity for the committee members to discuss the student's intended research. It was pointed out by another member that Form 10 usually is completed during the second quarter for the master's program and the third quarter for a Ph.D.'s, and that, at that time, most students would not have a topic for the thesis or dissertation. Members agreed in principle that the advisory committee should meet to keep abreast of the student's research project. The secretary was directed to make copies of the Graduate College Notes on the responsibilities of the P.O.S. advisory committee and distribute

these to members.

The next Council meeting will be held on Tuesday, January 21, 1975, from 8 to 9 a.m. in 209 Beardshear.



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Annabel L. Liu, Secretary



GRADUATE COUNCIL MINUTES  
January 21, 1975

Present: Bachmann  
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Pantalone, C.  
Pantalone, D.  
Pohm (Chairman)  
Tabatabai

Pohm called the meeting to order. C. Pantalone moved (D. Pantalone seconded) that the minutes of the January 7, 1975 meeting be approved as circulated. Motion carried.

Pohm reported that the 1975-77 Graduate College Catalog clarifies the five-year rule discussed at the last Council meeting. The secretary read the portion of the galley proof on "Time Limit" for the forthcoming Catalog provided by Associate Dean Ulmer. Members agreed that no further action needed to be taken on the motion tabled from the last meeting.

Pohm indicated that the Graduate Dean is soliciting the Council's opinion on a new proposal for grading of research. Under the new proposal, students would be graded on research every quarter, and four options would be available: A, B, S, or F. A Council member commented on the difficulty of assessing the quality of research every quarter, since research is incomplete until the final defense of the thesis or dissertation. In the course of discussion, members learned that number of research credits in Ph.D. programs vary from 20 to 60 quarter hours or more, depending on the department and circumstances. The practice of grading of research also varies from department to department, with some already giving letter grades every quarter, others giving S's quarterly, and still others not grading until the final defense of the thesis or dissertation. A member of the Council remarked that, to a prospective employer, letters of recommendation often carry far more weight than the grades. Larson moved and Bachmann seconded that current practice be continued. Motion carried.

A member of the Council raised the question of re-evaluating Graduate Faculty members on a periodical basis. Another member saw this as one more thing that would increase the faculty work load. It was remarked that the pendulum seems to be swinging toward more faculty involvement; however, the more faculty members are engaged in committee work and writing or evaluating recommendations, the less time they would have for research and teaching.

On qualifications for Graduate Faculty membership, a Council member expressed the opinion that each discipline should be allowed to determine the standards for its own field. This would not lower the standards of other disciplines, he said. The present guidelines for Graduate Faculty membership seem to suit the physical and biological sciences more than the social sciences and humanities, one member noted. It was suggested by another member that the DOGE's be present at the Graduate Faculty Membership Committee meetings to defend the nominee(s) in their disciplines and that they be also present at the meetings when the votes are cast.

GRADUATE COUNCIL MINUTES  
February 4, 1975

Present: Bachmann  
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Pantalone, C.  
Pantalone, D.  
Pohm (Chairman)  
Tabatabai

Also attending: Dr. Neal R. Cholvin, Chairman, Department of Veterinary Anatomy,  
Pharmacology, and Physiology

The meeting was called to order. Horner moved and Larson seconded that the minutes of the January 21, 1975 meeting be approved as circulated. Motion carried.

Pohm commented on the different perceptions of different departments on the role of the Graduate College and invited Cholvin to speak on graduate educational needs in the College of Veterinary Medicine.

Cholvin indicated that the College of Veterinary Medicine exemplifies a college that offers both professional and academic training. The department of veterinary anatomy, pharmacology and physiology specializes in veterinary medical sciences, a part of the basic sciences. The department is, therefore, more traditional; prerequisite to major graduate work does not involve the possession of the D.V.M. degree. The department of veterinary clinical sciences, on the other hand, requires that students majoring in the field for graduate work be graduates of an approved college of veterinary medicine. Both thesis and nonthesis options for the M.S. degree are offered in the department of veterinary clinical sciences, and the nonthesis M.S. has met the needs of management level individuals in the field who desire to come back to school for additional training. Cholvin also spoke briefly of the Veterinary Medical Research Institute at ISU, a multi-disciplinary group responsible for conducting research and offering research training in veterinary medicine.

In response to a question raised by Pohm on whether or not the degrees offered by the College of Veterinary Medicine meet the spectrum of graduate needs, Cholvin's answer was affirmative. The nonthesis M.S. has a span of approaches, he replied, and consequently, there is little demand for professional degrees such as Master of Veterinary Medicine. Cholvin was also asked on the need for changing requirements for Graduate Faculty membership. Stressing that veterinary sciences are basically biological sciences, he observed that present ground rules for Graduate Faculty membership fit the needs of the College well. He also indicated that he served on the Graduate Faculty Membership Committee and felt that the Committee was fair in discharging its responsibilities.

On the question concerning some Graduate Faculty members in veterinary medicine who are D.V.M.'s but not Ph.D.'s, Cholvin explained that these faculty members have successfully completed the advanced specialty board accreditation program which is more vigorous than the Ph.D. program, only with different

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Pohm (Chairman)  
Tabatabai

Also attending: Dr. Charlotte Roderuck, Professor of Food and Nutrition and  
Associate Dean of the College of Home Economics

Pohm called the meeting to order. Horner moved and Tabatabai seconded, that the minutes of the February 4, 1975 meeting be approved as circulated. Motion carried.

Pohm announced that the Graduate College Curriculum and Catalog Committee concurred with the Council's recommendation that current practice of grading of research be continued. The recommendation has been sent to Dean Zaffarano. Pohm also reported that he met with the Dean and members of the Faculty Council concerning graduate educational needs on campus and requirements for Graduate Faculty membership. A committee, to be appointed by Dean Zaffarano, will act on the Council's forthcoming report on these subjects.

Roderuck spoke of the circumstances surrounding graduate programs at the Home Economics College:

1. There are more master's than Ph.D. programs in home economics (8 vs. 4). The number of master's students is approximately four times that of doctoral students. Although the College would like to offer more Ph.D.'s, the present number of staff is not sufficiently large to meet the needs.
2. The proportion of undergraduate students vs. graduate students is also much larger in home economics.
3. Teaching load is carried by full-time faculty members, the majority of whom are instructors and assistant professors. There are few graduate assistants and even fewer teaching assistants.
4. Most students in home economics are female.
5. The College often hires staff members who have no background in home economics but are in one of the basic sciences.
6. The graduate programs in home economics have grown four-fold since the early 1950's when roughly 20 master's and two Ph.D.'s were offered per year. The present average annual output is approximately 50 master's and 10 Ph.D.'s.
7. There has been no pressure for non-thesis M.S., considered in 1964 but dropped because it was decided that the College should concentrate on research-oriented degrees. The philosophy is that, one has to know the research procedure to be able to review the literature well, especially in teaching at the advanced level.
8. There is a larger number of associate members of the Graduate Faculty than full members. This presents a problem, occasionally, in setting up P.O.S. committees.
9. Programs in home economics are diverse, ranging from those with arts or social sciences emphasis, to those with physical or biological sciences emphasis.

In reference to research and Graduate Faculty membership requirements, Roderuck pointed out that few faculty members in home economics have research time (financial support for research). The heavy teaching load, in fact, leaves faculty members no time, and the College's practice of evaluating teaching performance as promotion standards offers little incentive, for research. The lack of space, facilities and support for graduate students were also mentioned.

The requirement that associate members of Graduate Faculty must be those who show promise of meeting the requirements for full membership within three years could be a deterrent for nominations in home economics, Roderuck indicated. Some associate members do not become full members of the Graduate Faculty because of a lack of need for full members (i.e., no Ph.D. programs). On the other hand, some areas in home economics have unfilled positions because individuals available for these positions are not qualified for Graduate Faculty membership, as set by the present guidelines. While the need for more Graduate Faculty members is expected to grow, the College faces the difficulty of drawing staff from a relatively small base.

Roderuck discussed differences in publications, using juried art show as an example. The College also encourages joint research programs, resulting in joint publications which are evaluated differently, according to Roderuck.

Dean Zaffarano will meet with the members at the next Council meeting, to be held on Friday, March 21, 1975, from 2 to 3 p.m. in 118 Carver.



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Annabel L. Liu, Secretary

GRADUATE COUNCIL MINUTES  
March 21, 1975

Present: Bachmann  
Dean  
Horner  
Larson  
Liu  
Pantalone, C.  
Pantalone, D.  
Pohm (Chairman)  
Tabatabai

Also attending: Dr. D. J. Zaffarano, Vice President for Research and Dean,  
the Graduate College

Pohm called the meeting to order. Horner moved, and C. Pantalone seconded, that the minutes of the February 18, 1975 meeting be approved as circulated. Motion carried.

Pohm reported that Fanslow represented the Council at the last Graduate Cabinet meeting. According to Fanslow's notes, the Council was requested to recommend a policy on the number of research credits allowed to be transferred from the master's to the Ph.D. program. The Council discussed the subject but took no action, for the following considerations:

1. Research credits vary greatly from one field to another.
2. Transferring credits from the master's to the Ph.D. program does not alleviate the student's work load in research for, or writing of the dissertation.

Fanslow's notes also showed that the Graduate Cabinet discussed the policy of free distribution of Thesis Manual to graduate students and Graduate Faculty members. Dean Zaffarano joined the Council. He clarified that the Graduate Student Senate, in the course of working to bring down the cost of theses and dissertations, questioned the policy of distributing free Thesis Manual copies to Graduate Faculty members. He will respond to the GSS in the near future.

The Dean began the discussion with Council members by indicating that a separate Graduate Faculty was established at ISU in 1916 -- nearly 60 years ago. In connection with the re-accreditation of the University in the spring, he plans to appoint a committee to study the role and scope of the Graduate College. He would like to discuss the subject with the Graduate Faculty and prepare a report for the accreditation committee. An initial list of questions to be considered by the Graduate College committee has been put together, and the Dean solicited Council's questions on this subject.

Pohm perceived that there are two types of graduate educational needs at the University -- the need for the traditional, research-oriented education, and the need for profession-oriented education. The main thrust of the profession-oriented degrees is not in seeking new knowledge, rather, in developing expertise and utilizing existing knowledge to solve practical problems. Pohm felt that, with degree programs such as the Master of Engineering, Master of Education, etc., the Graduate College is serving profession-oriented educational needs at the master's level adequately, but not at the doctoral

level. Pohm and other members of the Council suggested the following questions for the committee to consider:

1. Do research- and profession-oriented degrees both have a place in the Graduate College?
2. If the answer is affirmative, should there be separate sets of Graduate Faculty for research- and profession-oriented degree programs?
3. Are the present ground rules for Graduate Faculty membership suitable for the social sciences and humanities?
4. Who should judge the qualifications for Graduate Faculty membership, those in the nominee's own field or the Graduate Faculty Membership Committee?
5. Should the chairman of the nominee's department be present at appropriate meetings of the Graduate Faculty Membership Committee to serve as an advocate for the nominee?
6. Should there be a separate Graduate Faculty?
7. Should there be a systematic review process for Graduate Faculty members?
8. Are overall university standards maintained by the present policy of having a member outside of the department to serve on the P.O.S. advisory committee?

Council members disagreed on the question of whether or not an Ed.D. program should be established at ISU.

Dean Zaffarano reiterated his conviction that the University should concern itself with research on both abstract problems and applied problems that respond to society's needs. The Dean also explained that the Graduate Faculty Membership Committee consists of 12 members, three each in arts and humanities, social sciences, biological sciences, and physical sciences. A nominee is evaluated by a subcommittee of three members, all of whom are in his or her general academic area. Both the Dean and the Council agreed that Graduate Faculty membership is the crux of many questions.

The secretary circulated a Graduate Council Faculty Nomination Request form she prepared, combining the three forms (one for each division) used last year. The Graduate Faculty member is requested to indicate his or her department and division. This eliminates the work of looking up the division affiliation of each of the 971 Graduate Faculty members and sorting forms accordingly. The new Nomination Request form was approved by members present, and it was decided that it be sent to the Graduate Faculty at the earliest possible opportunity so that the Graduate Council election process can be initiated.

During Spring Quarter, the Council will meet on alternate Mondays from 10 to 11 a.m., beginning April 7, 1975. The April 7 meeting will be held in 209 Beardshear.



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Annabel L. Liu, Secretary

GRADUATE COUNCIL MINUTES  
April 7, 1975

Present: Bachmann  
Horner  
Larson  
Liu  
Pantalone, C.  
Pantalone, D.  
Pohm (Chairman)  
Tabatabai

The meeting was called to order. C. Pantalone moved, and Bachmann seconded, that the minutes of the March 21, 1975 meeting be approved as circulated. Motion carried.

Pohm solicited members' opinion on whether or not the Council should prepare a report on its discussions with members of colleges on campus regarding graduate educational needs and requirements for Graduate Faculty membership. One of the Council members expressed his concern on the lack of outward expression of information collected during these meetings. The Council discussed its role and compared the work it performed this year with that of last year. It was pointed out that the Council's main function is that of a sounding board and an advisory group. Pohm felt, however, in addition to being a sounding board, the Council should make its contribution by concentrating on policy problems and providing input on controversial matters. He suggested that the annual report emphasize the Council's role in collecting divergent opinions from various disciplines on graduate educational needs and Graduate Faculty membership requirements. The annual report, he felt, should highlight the conflicting attitudes and present alternate points of view. As commented by a member, the Council, being a non-opposition group, presented an opportunity for faculty members at ISU to vocalize their views without feeling defensive. Members of the Council decided to formulate suggestions on changing ground rules of Graduate Faculty membership and the role and scope of the Graduate College, so that a position paper can be worked out during the next meeting. Pohm expressed his view on the need of differentiating faculty members who do traditional research and those who solve practical problems. Instead of having associate and full members of the Graduate Faculty, he suggested, one can make the distinction of members and research members. He would like to see the Council represented on the committee to be appointed by Dean Zaffarano to study the role and scope of the Graduate College.

Another member of the Council saw the major problem with the present Graduate Faculty membership requirements being that the ground rules were designed according to the needs and circumstances of the physical and life sciences but not those of the social sciences and humanities. He suggested that the all-university Graduate Faculty Membership committee be replaced by separate committees, each representing a different general academic area.

The Council then discussed the departmental evaluation report prepared by the Graduate Student Senate and distributed to the departments last week. Suggestions were made, and they will be conveyed to the GSS by a member of the Council.

The Graduate Council Faculty Nomination Request form was sent to the University Printing Service on March 31. Copies of the form are to be received by members of the Graduate Faculty around April 8.

The next Council meeting will be held on Monday, April 21, 1975, from 10 to 11 a.m. in 209 Beardshear.

A handwritten signature in cursive script, reading "Annabel L. Liu".

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Annabel L. Liu, Secretary



# *Interoffice Communication*

IOWA STATE UNIVERSITY  
of Science and Technology

DATE April 18, 1975

TO Graduate Council

FROM M. A. Larson  
Professor-in-Charge  
Chemical Engineering

## COMMENTS ON THE STRUCTURE OF THE GRADUATE COLLEGE

### Recommendations:

1. The Graduate College should be concerned only with the administration of advanced degree programs which involve research and a dissertation. This is consistent with the current dual responsibilities of the Graduate Dean as Dean as well as Vice-President for Research.
2. Professional Degree programs should be administered by the various colleges as is the case of Veterinary Medicine. Names of these degrees should be used so that there is minimum confusion with the research degrees.
3. Membership on the graduate faculty should be of one level and of one kind only. Appointment should be made by the discipline department using general guidelines agreed to by the entire graduate faculty.

### Discussion:

The above structure would eliminate most of the conflicts and dissatisfaction expressed by the various visitors to the council meetings. I do not feel that any substantial "decrease in standards" will occur. Given the departmental responsibility inherent in this arrangement, I think individual departments and colleges will have greater motivation to work to raise their standards toward excellence. I am sure that there will be instances where the opposite will occur, but I think the opportunity for real excellence outweighs the possibilities for a few instances of a decline in standards.

MAL: jmb

## GRADUATE COUNCIL MINUTES

April 21, 1975

Present: Bachmann; Dean; Horner; Larson; Liu; Pantalone, C.; Pantalone, D.; Pohm (Chairman); and Tabatabai

The meeting came to order. Pohm and Larson distributed copies of statements for discussion by the Council. Pohm also explained the three-dimensional diagram he prepared on graduate programs at ISU and the emphasis for basic and applied research. Both Pohm and Larson proposed in their statements that professional degrees not be administered by the Graduate College. Another member saw the problem of coordinating interdisciplinary efforts if professional degrees were to be administered separately by their respective academic colleges. Larson also proposed that membership on the Graduate Faculty be of one level and one kind only and that appointments to the Graduate Faculty be made by the discipline department, following guidelines set by the entire Graduate Faculty. Pohm, on the other hand, suggested that each broad area of the Graduate College (namely; biological sciences, physical sciences, and social sciences and humanities) form its own membership committee to review qualifications for Graduate Faculty membership. He proposed membership in the Graduate College be renamed and redefined. (See Graduate Council minutes, April 7, 1975.) The Council discussed the number two item in Pohm's statement<sup>\*</sup> but reached no consensus. Pohm urged members to formulate suggestions to be discussed at the next meeting.

D. Pantalone moved and Horner seconded the motion that the minutes of the April 7, 1975 meeting be approved as circulated. Motion carried.

To be placed on the Graduate Council election ballot, a nominee must receive five or more nominations. The secretary reported that, as of April 21, 1975, three Graduate Faculty members in the physical sciences division and two in the social sciences and humanities division received the necessary number of nominations. It was decided that the nominators for nominees who received four or three nominations in the biological sciences division be reminded of the five-nominations requirement.

The next Council meeting will be held on Monday, May 5, 1975 from 10 to 11 a.m. in 209 Beardshear.



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Annabel L. Liu, Secretary

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<sup>\*</sup>"With the resources available, both the training of researchers and the performance of research should be optimized collectively. Neither should play a dominant role while striving for excellence."

## GRADUATE COUNCIL MINUTES

May 5, 1975

Present: Bachmann; Dean; Fanslow; Horner; Larson; Liu; Pantalone, C.; Pantalone, D.; Pohm (Chairman); and Tabatabai

The meeting was called to order. D. Pantalone moved and C. Pantalone seconded that the minutes of the April 21, 1975 meeting be approved as circulated. Motion carried.

Pohm indicated that Associate Graduate Dean Ulmer requested the Council's recommendations on the following two policy matters:

- (1) Whether or not research credit earned from another institution for master's work should be applied to the Ph.D. program at ISU;
- (2) The present Graduate College policy, as stated in the Graduate Catalog, stipulates that "The work outside the major field should amount to approximately 18 hours of applicable graduate credit as required by the student's committee." Does this apply to students with co-majors?

After some discussion, Dean moved, and Bachmann seconded, that the student's P.O.S. Advisory Committee should decide on whether or not outside research credit can be applied to the student's Ph.D. program. Motion carried. For item (2), Bachmann moved that, in the case of programs with double majors, rules should be modified to require the student taking 18 credits outside of a single department. Motion was seconded. Motion passed.

Members then discussed Pohm's statement, in preparation for the drafting of the Council's annual report. Pohm indicated that his statement was intended to be highly controversial. It could serve as a gauge of members' feelings on these subjects and as a starting point for discussion by other Graduate Faculty members. A member suggested that the word "training" in item 2 of the statement be substituted with "education." Larson moved, and Horner seconded, that item 2 of the statement, as amended, be approved by the Council. Motion carried, with two members dissenting.

It was noted that item 3 of Pohm's statement is in the same spirit of item 2 of Larson's statement. That professional programs should be administered by the individual colleges is a conclusion he made rather reluctantly, Pohm explained. He realized that this might weaken the Graduate College. Larson elaborated on his views on this subject. One Council member suggested to clarify the statement by adding the names of programs considered professional programs. It was decided that a sentence specifying, "Such programs could include Master of Education, Master of Engineering, Master of Architecture, and Master of General Graduate Studies" be inserted before the second sentence of item 3 of Pohm's statement. A vote was taken. Four members voted for and five against the approval of item 3 of the statement as amended.

At the suggestion of a member, item 4 of Pohm's statement was revised to read as follows: "Each broad area of the graduate college, Physical Sciences, Social Sciences, Humanities, and Life Sciences, should have its own membership

committee to review qualifications of potential members of graduate college. Each committee should have outside representation, and the committees should replace the present Graduate Faculty Membership Committee." A motion was made and seconded, to approve item 4 of the statement as revised. Motion carried unanimously.

Item 5 of Pohm's statement was also discussed, but was tabled until the next meeting, to be held on Monday, May 19, 1975, from 1 to 2 p.m. in 209 Beardshear.

  
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Annabel L. Liu, Secretary

## STATEMENTS FOR DISCUSSION

1. The responsibility assigned by the Board of Regents to the graduate college is to advance knowledge by facilitating basic and applied research, by educating and training researchers, and by forming an interdisciplinary community of scholars that can cooperatively enhance each other in the pursuit of knowledge.
2. With the resources available, both the training of researchers and the performance of research should be optimized collectively. Neither should play a dominant role while striving for excellence.
3. Programs involving graduate courses intended to highly develop professional skills but not involving significant amounts of basic or applied research should be administered by the individual colleges. The degrees granted should reflect the professional nature of the program. Programs in which basic or applied research are an essential part should be administered by the graduate college.
4. Each broad area of the graduate college, Physical Sciences, Social Sciences and Humanities, and Life Sciences should have its own membership committee to review qualifications.
5. Membership in the graduate college should be renamed and redefined. Change present "associate member" to "member" with altered requirements; change present "full member" to "research member."

GRADUATE COUNCIL MINUTES  
May 19, 1975

Present: Bachmann; Dean; Horner; Liu; Pantalone, C.; Pohm (Chairman); and Tabatabaif

Pohm called the meeting to order and reported that Fanslow would be unable to attend due to illness. Horner moved and C. Pantalone seconded that the minutes of the May 5, 1975 meeting be approved as circulated. Motion carried.

The secretary presented Fanslow's suggestion that the Council consider recommending an appeal procedure in the Graduate College regarding Graduate Faculty membership. Fanslow was aware of several cases where young faculty members who should have been considered for Graduate Faculty membership were not nominated because of a lack of need in the departments for more Graduate Faculty members. Pohm placed the suggestion on the agenda, to be discussed later during this meeting.

The Council continued the discussion of item 5 of Pohm's statement which proposes abolishing the categories of "associate members" and "full members" of the Graduate Faculty and replacing them with "members" and "research members." Pohm explained that "members" should be scholars who keep current in advanced literature, which would qualify them for teaching graduate courses, whereas "research members" would be those who are active in research. "Members" would be given the responsibilities of guiding masters' programs. A Council member commented on the advantage of the present system of allowing the associate members to serve an apprenticeship. The question of how to evaluate a member to see whether or not he or she is keep abreast of the current literature was raised. Under the proposed system, Graduate Faculty membership would have to be evaluated by the individual departments. Another member pointed out that, under the proposed system, young researchers who simply lack the experience to guide Ph.D. programs would be called "members," incorrectly implying they do no research. One member suggested sorting out associate members into (1) young faculty members who eventually will become full members and (2) professional members who will remain associate members. Another Council member wished to make two classes of full members: research members and professional members. It was decided that there were fundamental questions concerning professional programs that needed to be answered before the Council could act on item 5 of the statement. It was tabled for further deliberation next year.

Item 1 of Pohm's statement was discussed. A member suggested adding educating and training practitioners as one of the responsibilities of the Graduate College. A vote was taken to see how many members would endorse the original statement. Three members voted yes and three voted no to item 1 of Pohm's statement. Horner suggested that another vote be taken on the statement with the words "and practitioners" added. The vote was 5-0. (One member left the meeting early.)

Members studied the draft of the Council's annual report, prepared by Pohm, copies of which were distributed at the beginning of the meeting. Several suggestions were made, and the report was revised accordingly. Pohm will present Council's annual report at the Graduate Faculty meeting on Thursday, May 22, 1975.

The secretary reported that Dr. Richard L. Engen of the Biological Sciences, Dr. Turgut Demirel of the Physical Sciences, and Dr. Mary E. Heltsley of the Social Sciences and Humanities division were elected to the Council. A total of 405 votes had been received. It was also reported that the Pantalones will continue on the Council next year, and Don Siano was elected as the biological sciences student representative to the Council. Members were requested to invite the newly elected representatives to the next meeting, to be held on Tuesday, May 27, 1975 from 1 to 2 p.m. in 209 Beardshear.

A handwritten signature in cursive script, reading "Annabel L. Liu". The signature is written in black ink and is positioned above a horizontal line.

Annabel L. Liu, Secretary

GRADUATE COUNCIL MINUTES  
May 27, 1975

Present: Dean; Horner; Larson; Liu; Pantalone, C.; Pantalone, D.; Pohm (Chairman)  
and Tabatabai

New members present: Demirel, Engen, and Heltsley

The meeting was called to order. Horner moved (C. Pantalone seconded) that the minutes of the May 19, 1975 meeting be approved as circulated. Motion carried.

The Council recommended, at its May 5, 1975 meeting, that students with double majors be required to take 18 credits outside of a single department. It was pointed out at a subsequent Graduate Cabinet meeting that a department often offers more than one major. After a brief discussion, Larson moved and Horner seconded that the Council amend its motion to recommend requiring students with double majors to take 18 credits outside of a single discipline. Motion carried.

Members discussed Fanslow's suggestion of recommending an appeal procedure for Graduate Faculty membership. According to Fanslow, there were several cases where young faculty members who should have been considered for Graduate Faculty membership were not nominated, because of a lack of need in the departments for additional Graduate Faculty members. One member felt that, in cases like these, the faculty members concerned should discuss their cases with the respective department chairmen. According to another member, there are more cases involving faculty members nominated by the departments but rejected by the Graduate College Membership Committee. Still another member pointed out that, in most departments, a three-person departmental committee reviews the records of all eligible faculty members and recommends the qualified ones for Graduate Faculty membership. One member mentioned that Associate Dean Ulmer had indicated on one occasion that any faculty members may be nominated for Graduate Faculty membership by three members of the Graduate Faculty. Council members discussed the problem at some departments where faculty members were nominated without their knowledge, and this could result in inadvertently omitting certain materials that should have been included. Horner moved and C. Pantalone seconded that the candidate for Graduate Faculty membership should have full knowledge of the supporting material used for evaluation of his or her case. Motion carried. It was suggested that the Council seek more information to see if there were other means by which Fanslow's suggestion could be implemented. It was decided that the Council would meet with the Graduate College Membership Committee next year to discuss these problems.

Fanslow, Horner, and Larson were nominated for the chairmanship of the Council for the 1975-76 academic year. C. Pantalone moved, and D. Pantalone seconded that the nominations be closed. Motion carried. An election by written, secret ballot was held; Horner was elected as the new chairman of the Council.

Members discussed the Council's annual report, copies of which are to be sent to all members with the minutes of this meeting. The Council decided to meet with the newly appointed Graduate College Self-Study Committee some time next year to comment on concerns.

On behalf of other members, Dean expressed appreciation to Pohm for his even-handed leadership as chairman of the Council this year.



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Annabel L. Liu, Secretary



May 22, 1975

TO: The Graduate Faculty  
The Graduate Student Senate

FROM: The Graduate Council  
A. V. Pohm, Chairman

Annual Report for 1974-75

The Graduate Council is an elected body of six graduate faculty members (serving two-year terms) and three graduate students (serving one-year terms) who meet regularly to consider questions of policy concerning the direction and process of graduate education at Iowa State University. The Council provides a mechanism for interaction among graduate students, graduate faculty members, and the administration of the Graduate College. New policies and revision of existing policies can be discussed more fully by the Council than is possible at meetings of the entire graduate faculty. Because the graduate faculty meets formally only once each quarter to conduct business, it is virtually impossible for the entire body to consider all the information on a problem, explore in depth all the alternatives and their consequences, and come up with a solution that best serves the purpose, constrained by this time limitation. With more time to devote to research and discussion, the Council should provide a valuable advisory service. Suggestions for new or revised policies may be submitted to the Council by members of its constituent bodies -- the graduate faculty and the graduate student body -- or by the Graduate College administration. Participation of each of these groups is essential to effective operation of the Graduate Council. Following consideration by the Graduate College administration, recommendations from the Council may be submitted to the graduate faculty for approval as policy.

During the past year, the Graduate Council has addressed itself to a variety of questions. The council committed a major part of its effort, however, to seeking information about and solutions to two serious policy problems in the Graduate College.

Stated in simple terms, these two policy questions are:

1. How should advanced degree programs directed toward professions other than that of a researcher or university scholar be related to more traditional graduate programs? Should they be the responsibility of the Graduate College?
2. How can the procedures and criteria by which Graduate College members are nominated and approved be improved?

To obtain a variety of opinions on these questions, the council invited a number of graduate staff members from various departments and colleges to express their views on graduate education in their departments and to indicate what would be appropriate qualifications for membership in the Graduate College. These individuals were:

Dr. Charlotte Roderuck	Assoc. Dean, College of Home Economics
Dr. Harold E. Dilts	Assoc. Dean, Education
Dr. William A. Hunter	Professor, Director, Education Research Institute
Dr. Charles R. Kniker	Assoc. Professor, Education
Dr. Sam Legvold	Professor of Physics
Dr. Don F. Hadwiger	Professor of Political Science
Dr. Jorgen Rasmussen	Professor & Chairman, Political Science
Dr. Neil R. Cholvin	Professor & Chairman, Department of Veterinary Anatomy, Pharmacology, and Physiology
Dr. Charles L. Townsend	Professor of Electrical Engineering, Engineering Extension
Dr. Larry B. Coady	Assistant Professor of Electrical Engineering, Engineering Extension
Dr. R. N. Kottman	Professor of History
Dr. R. M. Stewart	Professor & Chairman, Department of Computer Science

These discussions clearly indicated that there are wide differences among the academic disciplines in regard to publication traditions and possibilities, qualifications for graduate faculty membership and emphasis in graduate education. The discussions also indicated that there are increasing numbers of advanced educational needs which depart from the traditional programs.

The Graduate Dean has indicated that he is appointing a committee to review the scope and role of the graduate college. As a result of its efforts, the council suggested the following list of questions for the committee's consideration:

1. Do research- and profession-oriented degrees both have a place in the Graduate College?
2. If the answer is affirmative, should there be separate sets of Graduate Faculty for research- and profession-oriented degree programs?
3. Are the present ground rules for Graduate Faculty membership suitable for the social sciences and humanities?
4. Who should judge the qualifications for Graduate Faculty membership, those in the nominee's own field or the Graduate Faculty Membership Committee?
5. Should the chairman of the nominee's department be present at appropriate meetings of the Graduate Faculty Membership Committee to serve as an advocate for the nominee?

6. Should there be a separate Graduate Faculty?
7. Should there be a systematic review process for Graduate Faculty members?
8. Are overall University standards maintained by the present policy of having a member outside of the department to serve on the P.O.S. advisory committee?

In order to reflect its own sentiment, the council discussed and voted on the following statements reflecting these controversial policy matters.

Council Vote

Yes	No	
5	0	1. The responsibility assigned by the Board of Regents and President of the University to the graduate college is to advance knowledge by facilitating basic and applied research, by educating and training researchers and practitioners and by forming an interdisciplinary community of scholars that can cooperatively enhance each other in the pursuit of knowledge.
7	2	2. With the resources available, both the education of researchers and the performance of research should be optimized collectively. Neither should play a dominant role while striving for excellence.
4	5	3. Programs involving graduate courses intended to highly develop professional skills but not involving a significant amount of basic or applied research should be administered by the individual colleges. Such programs could include Master of Education, Master of Engineering, Master of Architecture, and Master of General Graduate Studies. The degrees granted should reflect the professional nature of the program. Programs in which basic or applied research are an essential part should be administered by the Graduate College.
9	0	4. Each broad area of the Graduate College, Physical Sciences, Social Sciences, Humanities, and Life Sciences should have its own membership committee to review qualifications of potential members of Graduate College.

The council made recommendations on several other important matters:

The student's P.O.S. Advisory Committee should decide on whether or not outside research credit can be applied to the student's Ph.D. program;

In the case of programs with double majors, rules should be modified to require the student to take 18 credits outside of a single discipline;

The present practice in grading of research should be continued.

Candidate for Graduate Faculty Membership should have full knowledge of the supporting material used for evaluation of his or her case.

In general, the Council felt it would be of most service to the Graduate College by vigorously pursuing solutions to important policy problems by encouraging free, open, controversial discussions. Views were advocated to the Graduate Dean both when they agreed and disagreed with his policy positions.

The practice of inviting people of different views to the council for discussion appears to be a helpful one. The Council, in addition, encourages any graduate staff member or graduate student who wishes to express his or her views to contact a Council member.

The old and new members of the Graduate Council are listed below. Any staff member should feel free to relay to any Council member your individual concerns pertaining to Graduate College policy.

Retiring members are:	Dr. Dwight G. Dean Dr. Arthur V. Pohm Dr. Roger W. Bachmann Louisa Tabatabai	Social Sciences and Humanities Physical Sciences Biological Sciences Biological Sciences
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Continuing members are:	Dr. Harry T. Horner Dr. Alyce M. Fanslow Dr. Maurice A. Larson	Biological Sciences Social Sciences and Humanities Physical Sciences
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New members elected this spring, are:	Dr. Richard L. Engen Don Siano Dr. Turgut Demirel Dr. Mary E. Heltsley	Biological Sciences Biological Sciences Physical Sciences Social Sciences and Humanities
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Re-Elected members:	Coleen Pantalone David Pantalone	Social Sciences and Humanities Physical Sciences
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## GRADUATE COUNCIL, 1974-75

Roger W. Bachmann	Zool. & Ent. (Biol. Sci.)	140 Sci. II	4-6107 292-3411
Dwight G. Dean	Soc. (Soc. Sci./Hum.)	203C East Hall	4-8124 232-4660
Alyce M. Fanslow	H. Ec. Ed. (Soc. Sci./Hum.)	167 MacKay	4-5307 292-2316
Harry T. Horner, Jr.	Bot. (Biol. Sci.)	37 Bessey	4-8635 232-7538
Maurice A. Larson	Chem. E. (Phys. Sci.)	261 Sweeney	4-5840 232-7452
Coleen Pantalone	Econ. (Soc. Sci./Hum.)	78 East Hall	4-6583 292-4121
David Pantalone	E.E. (Phys. Sci.)	216 Coover	4-2663 292-4121
Arthur V. Pohm	E.E. (Phys. Sci.)	252 Cy Comp Lab	4-8703 232-0244
Louisa Tabatabai	B.B. (Biol. Sci.)	156C Food Res.	4-8775 232-9378