

REGULAR MEETING OF THE UNIVERSITY FACULTY SENATE

November 5, 1973

MINUTES

The regular meeting of the University Faculty Senate was called to order at 4:05 PM. Senators not in attendance were:

Michael Barney	Barbara J. Kelly	Ann S. Thompson
Mary K. Carl	William E. McDaniel	Karen Toht
William S. Gaither	Helen McHugh	Edward A. Trabant
Billy P. Glass	John Pikulski	
Svend E. Holsoe	Jonathan E. Taylor	

Item V-A, Proposal to Expand the Charge and Membership of the Cultural Activities and Public Events Committee and Disband the Committee on Fine Arts and Exhibits, was withdrawn from the agenda and will be on the agenda for December's regular meeting.

The nominations to the Council on Program Evaluation by the Provost, in accordance with Recommendation 14 of Senate Bill 105, were not submitted to the Faculty Senate Office in time to be added to the agenda. Dr. Wriston made a motion to add this item to the agenda as the last item under "New Business." The motion was seconded and passed.

The amended agenda was adopted by general consent, as were the minutes of the October 1, 1973, meeting.

The efforts in publishing a docket of the activities of the standing committees, which is distributed with the calls to the general Senate meetings, are working very well. Two additions to that list were called to the attention of senators and visitors: (1) The Committee on Rules is considering a proposal from Prof. Brabner concerning the desirability of limiting chairmanships of standing committees to one-year tenure and they expect to bring this proposal to the Senate in December; and (2) The Ad Hoc Committee on Governance is considering the establishment of procedures for reviewing administrative officers. Senators and constituents are invited to direct their concerns on any activities of the committees to the appropriate chairman.

President Trabant appointed Professors Cundiff, Dynes and Libera to the Editorial Board of the University of Delaware Press. (Professors Cundiff and Dynes were reappointments, and Professor Libera a new appointment.)

Prof. E. J. Porter, Chairman, Library Committee, reported on Part 2 of the recommendation from that Committee that professional members of the University Library be granted academic status. Part 1, giving the professional members of the Library staff voting membership in the University faculty, was approved by the Senate on September 10, 1973. Part 2 was rejected by the Senate at that time due to insufficient data. Part 2 of the recommendation was approved by voice vote and reads as follows:

"RESOLVED, that the Senate recommends to the Board of Trustees the petition of the professional members of the University Library for academic status, including eligibility for electing the option of either the T.I.A.A.-C.R.E.F. or the State retirement program and eligibility for sabbatical leaves."

Prof. E. E. Schweizer, Chairman, Coordinating Committee on Education, reported on the adoption of Accelerated Undergraduate/Graduate Degree Programs in the College of Home Economics. The program was approved by the Committee on Graduate Studies, the Committee on Undergraduate Studies, and the Coordinating Committee on Education. The resolution was approved by voice vote and reads as follows:

"Resolved, that the University Faculty Senate approves the Accelerated Undergraduate/Graduate Degree Programs in Food and Nutrition, and in Textiles and Clothing in the College of Home Economics."

Prof. D. E. Ingersoll, Chairman, Committee on Committees, reported on the following proposal to create a Committee on International Studies:

"The Committee on International Studies shall coordinate, facilitate, stimulate, and encourage international study. It shall make recommendations and advise the University on appropriate policies and procedures to further international educational activities.

"This committee shall consist of five faculty members, one of whom shall be designated the chairperson, the International Student Advisor, one appointment by the Provost, one undergraduate student and one graduate student."

Prof. Schweizer suggested that this Committee be made a subcommittee of the Coordinating Committee on Education. Since this action would require a Bylaw change, an amendment would have to be acted on at a subsequent

meeting of the Senate. The proposal to create a Committee on International Studies was approved.

Prof. D. E. Ingersoll reported on the disbanding of the Ad Hoc Committee on Excellence in Teaching. The following resolution was approved:

"Whereas, the Ad Hoc Committee on Excellence in Teaching has completed the task with which it was charged and has submitted its findings to the Senate and the Faculty of the University;

"Be it Resolved, That the University Faculty Senate expresses its gratitude to the members of the committee and thanks those who aided the committee in the speedy accomplishment of its charge."

Prof. A. Van Gelder, Chairman, Committee on Undergraduate Admissions and Standing, reported on the recommended policy on student progress toward degrees. The amended policy statement was approved and reads as follows:

"It is expected that full-time undergraduate students will register for and complete a minimum of 12 credit hours each semester. Full-time students who fail to complete 12 credit hours in any two consecutive semesters (including F and excluding L and W) will, except in unusual circumstances, be dropped from the University of Delaware for failure to make adequate progress toward a degree.

"To become eligible for readmission, students dropped under these conditions must complete a minimum of 6 credit hours (two courses) in a summer session or a minimum of 6 credit hours (two courses) in a regular semester through the Division of Continuing Education. (Students will not be permitted to register in the Division of Continuing Education for regular daytime courses). Grades of W or L will not be acceptable in meeting this requirement."

Prof. John J. Beer, Chairman, Committee on Academic Freedom, reported on academic freedom and tenure policies. The resolution was approved and is attached as a part of these minutes.

Prof. G. R. Bonner reported on contract renewal practices. The resolution was voted on seriatim, was approved by voice vote with one abstention, and reads as follows:

"Resolved,

- "1. Given the changing nature of the University and the action by the Board of Trustees concerning Faculty Senate recommendation on contract renewal procedures at this University (Senate Bill 57, December 13, 1971), we hereby recall these proposals for further study and modification.
- "2. That in consultation with the Provost, the Promotion and Tenure Committee undertake a review of promotion, tenure, and contract renewal practices, and that this committee report its findings and recommendations together with supporting documents directly to the Faculty Senate for its consideration.
- "3. That in the interest of a mutual desire to resolve these important issues without creating unnecessary discord and disruption to the activities of the University, we ask, during the review period, that in issuing faculty contracts with term, there be a return to past practice as stated in the faculty handbook Paragraph 4-11 which reads as follows:

'...Assistant professors are appointed for an initial term of from one to three years; reappointments at this rank are normally for three year terms. (underlining supplied)  
Appointments and reappointments for instructors are on an annual basis....'"

Prof. E. E. Schweizer reported on the proposal to establish an Institute for Mathematical Sciences within the University. The proposal was approved and is attached.

The meeting was adjourned at 5:25 PM until Friday, November 12, 1973, at 4 PM in 110 Memorial Hall.



Charles D. Marler, Secretary  
University Faculty Senate

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October 15, 1973

MEMORANDUM

TO: Dr. John C. Wriston, Vice President  
University Faculty Senate

FROM: Committee on Academic Freedom  
John J. Beer, Chairman



SUBJECT: A Resolution for Consideration by the Senate

The University Senate adopts the following statement on academic freedom and tenure. It urges similar adoption by the President's Cabinet and the inclusion of the statement in the Faculty Handbook currently being revised.

"The maintenance of freedom of speech, publication, religion, and assembly (each of which is a component of intellectual freedom) is the breath of life of a democratic society. The need is greatest in fields of higher learning, where the use of reason and the cultivation of the highest forms of human expression are the basic methods. To an increasing extent, society has come to rely upon colleges and universities as a principal means of acquiring new knowledge and new techniques, of conveying the fruits of past and present learning to the community, and of transmitting these results to generations to come. Without freedom to explore, to criticize existing institutions, to exchange ideas, and to advocate solutions to human problems, faculty members and students cannot perform their work, cannot maintain their self-respect. Society suffers correspondingly. The liberty that is needed requires a freedom of thought and expression within colleges and universities, (and) a freedom to carry the results of honest inquiry to the outside...."<sup>1</sup>

Academic freedom is incompatible with censorship or surveillance of communications both on and off the campus. The monitoring or interference

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<sup>1</sup>"AAUP Policy Documents and Reports," 1973 Edition

with communications emanating from a member or group of the University community cannot be condoned. Practices such as telephone tapping, University mail surveillance and stoppage, censorship at the Duplicating Center of materials emanating from within the University community, or censorship on bulletin boards designated for general use, is contrary to University policy. We reaffirm support for the statement on the "Distribution of Free Published Materials on Campus" appearing in the 1973-74 Student Guide to Policies.

## Distribution of Free Published Materials on Campus

Freedom of expression is absolutely essential to the life of the University. In order to guarantee that freedom to every member of the University community, and in order to provide an atmosphere in which free and open debate will prosper, the following policies have been established governing the distribution of free published materials on the campus:

1. Members of the University community - all classifications of students, faculty, staff, and recognized campus organizations, may distribute free published materials on the campus with the understanding that they accept responsibility for the materials; the materials are labeled to indicate sponsorship and are distributed in accordance with this policy statement.
2. Any member of the University community may distribute free published materials at any point on campus except in the University bookstore; the library, excluding the outer lobby; and dining halls, excluding lobbies and checking tables.
3. Persons not members of the University community may distribute free published materials on the campus if they have obtained the sponsorship of a member of the University Community, who has determined that the manner of distribution is in accord with this policy statement.
4. When, in the opinion of a University official authorized to make the determination, the manner and/or place of distribution of free published materials constitutes a violation of this policy or a disruption of normal University activity, the official should inform the distributors of his opinion, and request that distribution be discontinued. If the distributors refuse, the official should advise them that they may face disciplinary action if they persist.
5. The University shall not limit the distribution of free published materials solely on the basis of what is contained in such materials.

The policy outlined above was developed by the former Committee on Student Publications. It was approved by this Committee and by Student Government Association and Graduate Student Association consultants and by the faculty in May, 1969.

Questions regarding the policy should be directed to the Office of the Dean of Students.

PROPOSAL FOR THE ESTABLISHMENT OF AN  
INSTITUTE FOR MATHEMATICAL SCIENCES  
WITHIN THE UNIVERSITY

1. Proposal. The Department of Mathematics proposes an Institute for Mathematical Sciences be established within the University as a low-keyed administrative organization with the purpose of providing a "rallying point" for fostering, coordinating, and attracting of support of interdisciplinary research, which research is dependent upon the collaboration of researchers in the mathematical sciences. Furthermore, additional purposes of the Institute are to enhance the academic and service roles of our University.

2. The Institute and Research Objectives of the University. We believe that this Institute is in keeping with, and supportive of, the following recommendations of "The Decade Ahead:"

- "i) Interdisciplinary research programs should be given special encouragement.
- "ii) The University should actively promote more and closer cooperation with research organizations in the state and region....
- "iii) All efforts should be made to assist younger faculty to find fruitful areas for research and to coordinate research efforts that are mutually supportive, even though they may be conducted in different departments and colleges. University research seminars should be held, bridging departmental or college efforts,....
- "iv) ...recruitment, development, and retention of outstanding research faculty, who also have a strong commitment to undergraduate and graduate teaching, must remain a principle objective.
- "v) Basic research frequently has implications for other areas of human knowledge. Participation in such research by two or more investigators in separate fields may lead to collaborative efforts and the enhancement of each individual's research potential. Such collaborative efforts must be emphasized in order to bring isolated skills to bear on solutions of societal problems."

3. Background. The mathematical sciences, and mathematics in particular, have passed in the last 30 years through an intensive period of expansion; this together with the development of the electronic computer and its subsequent use in such areas as business administration, economics, biology, etc., has caused leaders in education, science, government, and industry to ask for still deeper and wider applications of mathematical methods and techniques to solve difficult problems of society such as those in transportation, public health, distribution of goods and resources, etc. On the one hand, mathematical modeling is at the

heart of much of the "hard science." On the other hand, the "soft sciences" are becoming more mathematical with the hope for the same success as has been the case in the natural sciences.

4. Purpose of the Institute. Public and private funding agencies have in recent years favored the support of interdisciplinary research. The purpose of the proposed institute is to provide a visible unit within the structure of the University to attract funding for interdisciplinary research involving the mathematical sciences.

The organization of a university along lines of traditional academic disciplines has not generally fostered and encouraged interdisciplinary activity. The training of research scholars and their subsequent experiences and functions in academic departments may retard or inhibit strong and natural bonds between some disciplines. It is the belief of the members of the Department that the proposed Institute can serve as a viable means for generating collaboration between members of various departments and colleges by bringing them together along avenues of common experience, i.e., their research.

A further purpose is the attraction to the University of visiting research-scholars (associated with projects of the Institute) who would offer both informal and formal seminars for faculty and students in cooperation with various departments of the University. The use of "soft monies" associated with the Institute would allow for the attraction to the campus of numerous distinguished visitors who would not only enhance the University's stature but who would, by their interaction, contribute to the scholar-teacher goals of the permanent faculty.

5. Organization of the Institute. It is proposed that the director of the Institute be a full-time faculty member.

The Director would conduct the affairs of the Institute and guide its programs with the advice of the members of the Institute - these would be the full-time members of the faculty of the University designated as principal investigators of funded research projects granted to the Institute. Visiting scholars and consultants would, when necessary and appropriate, be invited to the campus by the Institute on a temporary basis. Consequently, there would be no permanent professional staff assigned to the Institute.

The Director would be responsible directly to the Associate Provost for Research and would work in cooperation with the Office of Research in seeking out research activities suited to the scope of the Institute.

6. Benefits to the University Community. Some benefits expected to accrue to this University are these:

i) The Institute would serve as an alternative way to encourage true interdisciplinary activity in the mathematical and allied sciences.



ii) The Institute would be an effective agent for marshalling the research efforts of University scholars in various disciplines towards the resolution of technical, social, and scientific problems.

iii) The Institute would make the University's concentration of expertise and skills in areas related to mathematics visible to agencies of government and industry.

iv) The Institute would stimulate research activity among the faculty of those departments that participate in its programs; "soft monies" of the Institute could provide for visits by scholars to the University for colloquia, consultation, seminars, etc.

v) The sponsorship of symposia could serve the wide community in the area of "continuing education" as that education relates to the mathematical sciences.

7. Feasibility. Informal discussions with representatives of NSF and AFOSR have indicated that these agencies will channel support of research to the University through a unit such as the proposed Institute.

Exploratory discussions with representatives of other departments in the University indicate that support for the formation of the unit would extend beyond the Department of Mathematics.

8. University Commitment. The Institute, as proposed, is a self-sustaining unit which would subsist on the overhead income of grants and contracts awarded to its members. It is estimated that the Director of the Institute would require a three-year period to organize and establish it as a self-sustaining unit in the University. An investment of "seed money" of \$11,000 a year, along with some provision for office space, would be recommended to initiate the proposal. These monies would be budgeted as follows: i) \$6,500 for a secretary, ii) \$2,500 for supplies and promotional expenses, iii) \$2,000 for visitors/colloquia.

After this initial period, we would recommend a division of the overhead monies between the Institute and the departments of the principal investigators. For example, the overhead monies on an individual project which are traditionally returned to departments might be divided  $1/4$  to the Institute and  $1/12$  to the departments of the principal investigators. We would stress that the only projects sponsored by the Institute would be interdisciplinary and the only overhead monies accruing to the Institute would be for Institute-sponsored projects, not research grants originating in one department, or outside of the Institute.

The free-form structure of the Institute would permit its phase-out with no further significant commitment to the University in line with the objective "...research programs may develop at an optimal rate without undue danger of collapse from sudden withdrawal of funds" (The Decade Ahead) if in the future it were not self-sustaining.

9. Academic Status of the Institute. The Institute would not be under any conditions as proposed a degree granting unit of the University; the educational activities of its members would be conducted through their departments. No employee brought to the University by the Institute would be granted tenure in the Institute.

10. Graduate Assistants. We would anticipate that some projects of the Institute would have graduate assistants associated with the research. The recipients of such support would be required to carry out their academic program within the existing graduate programs of the University.

11. The Director. We envision the Director as a research-scholar who would be involved actively in research projects of the Institute. This is in keeping with our belief that funding is tied very closely with the ability of the Director to attract and talk with representatives of funding agencies; by training and experience, he should be able to appreciate and anticipate the direction of funding. Furthermore, we believe that the Director working in cooperation with the Office of Research will attract additional funding to this University. It is important that the Director remain a research-scholar and not become an administrator.

To make certain that the Institute is not an extension of the academic department of the Director, we recommend that after the initial three-year period an agreement be reached on the proportion of time the Director devotes to administrative activity and that the apportioned salary monies associated with this time be transferred from Institute to departmental budgets.

12. Possible Areas of University Cooperation. We have indicated that the aim of the Institute would be to attract funding for interdisciplinary activities which would rely heavily on mathematical expertise.

Among the investigators contributing to the activities of the Institute, we would expect to find members of the faculties of Engineering, Mathematics, Physics, and Statistics and Computer Science whose research is concerned in an essential way with mathematical problems (stochastic as well as deterministic) arising in the physical sciences such as in the areas of Control and Optimization of Systems, Continuum Mechanics (elasticity, fluid dynamics, thermodynamics, etc.), Electromagnetic Theory, and Quantum Physics. An overwhelming majority of these problems can be reduced to the investigation of differential and integral equations and their ramifications. Successful completion of such work hinges upon the development of constructive methods of solution with emphasis on approximation techniques including numerical procedures and perturbation methods. By cooperative effort, more significant results will be achieved in this interdisciplinary venture.

As indicated earlier in Background, the "soft sciences" are becoming more mathematically oriented. Consequently, we hope to encourage Institute projects

which bring together workers in the mathematical sciences with those in biology, economics, and agriculture, to name a few disciplines. Mathematical modeling is also a research tool of proven value in the health sciences. Therefore, we expect fruitful contact between workers in these areas and those in the area traditionally more oriented toward the mathematical sciences.

This represents a sample of the base of investigators in the University for whom the Institute would provide a common "rallying point" in interdisciplinary research essential to solution of current problems.

Approved by the University Faculty Senate  
November 5, 1973