

Arizona High Schools Represented

Agua Fria	2	Brought Forward	20
Benson	1	San Manuel	1
Casa Grande	2	Scottsdale -- Arcadia	1
Gila Bend	1	Coronado	1
Grand Canyon	1	Scottsdale	2
Miami	2	Sierra Vista (Buena H.S.)	1
Nogales	2	Tucson --Amphitheater	5
Phoenix --Camelback	2	Catalina	7
Central	1	Pueblo	1
Cortez	1	Rincon	15
Union	1	Tucson	7
Washington	2	Yuma -- Kofa	1
West	2	Total	62
	<u>20</u>		

Arizona Private Schools Represented

Verde Valley (Sedona)	1
Salpointe (Tucson)	1
St. Joseph's (Tucson)	1
Immaculate Heart (Tucson)	1
Total	<u>4</u>

Division by Sex

Men	48	Women	43
---------------	----	-----------------	----

Distribution by Colleges

Agriculture	9
Home Economics	1
BPA	1
Engineering	17
Fine Arts	2
Liberal Arts	56
Mines	5
Total	<u>91</u>

III Degrees with Honors Awarded May 27, 1964

- *Francois A. Camoin, B.A. with Honors in English
- *Douglas Ray Fischer, B.A. with Honors in English
- *Dawson Hill Hayward, B.A. with Honors in Spanish
- *Harriot Ella Hutchins, B.A. with Honors in French
- John Daniel Lyons, Jr., B.A. with Honors in English
- *Marsha Malone, B.A. with Honors in French
- Jeanette Lou Nelson, B.A. with Honors in English
- *Harold Andrew Rasp, B.A. with Honors in History
- *Robert Lee Schuyler, B.A. with Honors in Anthropology
- Karen Gay Stauffer, B.A. with Honors in English
- *Karl von den Steinen, B.A. with Honors in History
- *LuJuana Rae Wolfe, B.A. with Honors in English
- Robert Henry Brook, B.S. with Honors in Chemistry
- Abraham Ruddell Byrd III, B.S. with Honors in Zoology

(continued)

Jerry Ben Gin, B.S. with Honors in Chemistry
*David Allen Heatwole, B.S. in Geological Engineering, with Honors in Geology
Jean Buchwalter Carroll, B.A. in Education, with Honors in English

Total degrees with Honors, Commencement 1964 17

*The asterisk designates participants in the Special Program for the Master's Degree. All those so marked, with the single exception of Karl von den Steinen, are now continuing graduate studies under the same program.

The University of Arizona
Proceedings of the Faculty Senate

Meeting of Monday

November 30, 1964

PRESENT: Bartlett, Beattie, Blitzer, Brewer, Carlson, Chadwick, Cockrum, Coulter, Delaplane, Forrester, Edwin Gaines, Gegenheimer, Hall, Harris, Harvill, Hull, Hillman, Hudson, Johnson, Kassander, Kemmerer, Little, Lynn, Martin, Muir, Harold Myers, Paulsen, Picard, Powell, Rapoport, H.D. Rhodes, Roy, Siegel, Simonian, Sorensen, Vavich, Wilson, Wallraff, Windsor.

ABSENT: Blecha, Coleman, DuVal, F. Pendleton Gaines, Gillmor, Harshbarger, Lyons, McMillan, Patrick, Paylore, Quinn, J.M. Rhodes, Stanislawski, Svob, Voris.

NEW SENATORS FROM COLLEGE OF ARCHITECTURE AND COLLEGE OF NURSING, WELCOME OF:

President Harvill welcomed to the Senate the recently elected senators from the new College of Nursing and the new College of Architecture, Professor Gladys E. Sorensen and Professor Lionel E. Chadwick, respectively. The new senators were greeted by applause.

DR. GEORGE A. GRIES AS SENATOR-AT-LARGE, ELECTION OF: President Harvill reported that Dr. J. Melvin Rhodes, Professor of Education, a Senator-at-large, would be on leave of absence from the faculty for the balance of this academic year and had, therefore, resigned as a member-at-large of the Senate.

The Senate then elected Dr. George A. Gries, Professor of Plant Pathology, to serve as a Senator-at-large replacing Dr. J.M. Rhodes. Dr. Gries's Senate term will extend to June 30, 1965.

REQUIREMENT OF HEALTH EXAMINATION FOR FACULTY AND STAFF MEMBERS, DISCUSSION RE:

President Harvill explained that a committee of the Arizona Medical Association has recommended to the President of the Board of Regents that faculty and staff members of the University be required to pass a health examination to be certain that they are free from communicable diseases. The President of the Board has referred the matter to President Harvill for study.

Dr. Harvill pointed out that the University at one time had such a requirement but it has not been enforced in recent years. Such a requirement is imposed at Arizona State University. All public school teachers of Arizona must pass such an examination. The President said it would not be difficult to administer such a requirement. Faculty and staff personnel could either present evidence of having satisfactorily passed a health examination by their personal physicians, or could be examined on the campus at the State Health Department's mobile unit. The major part of the examination would be a chest x-ray, and the state mobile unit visits the campus twice each year to examine entering students. Faculty and staff member could receive chest examinations from the mobile unit during those visits. Certain details would have to be worked out, the President explained; for example, how often should an examination be required?

Dr. Blitzer said he would prefer that the matter be handled by a recommendation from the Office of the President that all faculty and staff members take an x-ray or skin test rather than by making such an examination mandatory. That such an examination be mandatory implies a threat, he said. Dr. Harvill said he would not feel that such a requirement carried a threat. Rather it would be set up as an additional requirement of employment. He pointed out that some people may carry

a communicable disease and not be aware of this until such an examination reveals it. Meanwhile, they may be passing the disease on to others. Dr. Harvill said also that periodic examinations sometimes reveal chronic difficulties which, if detected early enough, can be corrected. The individual may be unaware of such difficulty until the examination uncovers it.

The President said he planned to appoint a committee to study the matter, considering such questions as procedure, principles involved, State laws that refer to this matter, etc. Such a committee it was hoped would submit its report within the next few months.

Dean Myers commented that he had served at institutions where such a requirement existed. The only objection he was aware of from faculty and staff members came from a few persons who were of the Christian Science faith. Such an examination is one of health protection and is required of all students. It seems only logical, he said, that the instructor of a class should be examined in the same way as are the students in the class.

Dr. Bartlett said that from the standpoint of recruiting faculty and staff, he wondered if to tell an applicant he must submit a health examination report when he is being considered for employment might not work to the disadvantage of the University of Arizona when competing with other institutions that do not have such a requirement. Dr. Harvill said he did not believe the taking of the examination would be necessary prior to the individual's being employed. Faculty and staff personnel could be told that one of the conditions of employment would be that by a certain time after reporting for duty, they would be expected to take such an examination.

Dr. Harris urged that membership of the committee studying this matter include a geneticist. Dr. Harris said that there are certain hazards in exposure to irradiation, even the small amount involved in x-rays. Dr. Harvill said that physicians have told him that fears of irradiation from x-rays are exaggerated. However, it is a matter that can be studied, he said.

Dr. Kemmerer asked if the examination would be limited to x-rays or a simple blood test, or whether other examinations also would be required. Dr. Harvill said that this would be a matter for the committee to investigate.

GENERAL COMMENTS BY THE PRESIDENT: The President referred to the recent meeting of the Board of Regents where action was taken changing the name of Arizona State College at Flagstaff to Northern Arizona University, effective May 1, 1966. Dr. Harvill said that this action was taken following a recommendation of the Long-range Committee of the Board. In the judgment of the Regents, the state institution at Flagstaff fully qualified for University status.

The Board further had stated that it saw no need for additional publicly supported four year institutions in Arizona at this time.

Dr. Kassandra asked why this name change proposal had passed so easily when political and legal action had to be taken in the case of the change of name from Arizona State College at Tempe to Arizona State University, with the matter being placed on the ballot at a general election. Dr. Harvill pointed out that in the case of the proposed name change of the institution at Tempe, the Board of Regents did not choose to take action changing the name. Subsequently the legislature also declined to take action and the only avenue left open to proponents of the name change was a vote of the people.

In answer to a comment from Dr. Wilson, Dr. Harvill said it was true that later the Board will have to take action changing its name from the Board of Regents of the Universities and State College of Arizona to the Board of Regents of the Universities of Arizona.

Dr. Harvill mentioned that at its recent meeting, the Regents had taken no action on the recommended capital outlay requests from the three institutions. These will be considered at the next meeting of the Board on December 19. The requests would then go to the new legislature when it convenes in January.

Dr. Harvill commented that some persons were claiming that taxes in Arizona must not be increased. He said he does not see how this can be the case inasmuch as the repeal of the inventory tax will reduce state revenues by at least four and one-half million dollars and income must be found to replace this amount.

The President said there had been a certain amount of public reaction to the statement he made to the Alumni in early November, at Homecoming, referring to the necessity of reducing the number of new students which can be accommodated in the University. Dr. Harvill said the question of how appropriately to limit admissions is under study at the present time. The group affected will be out-of-state applicants, he emphasized.

UNIVERSITY OF ARIZONA GRADUATES COMMENCING GRADUATE STUDY, REPORT RE: Dr. Harvill introduced Dean Rhodes who presented a report on University of Arizona graduates continuing with graduate study. Dean Rhodes said he hesitated to call his remarks a report since the information was limited. He explained that the President had some time ago asked him to determine what information was available as to the number of University of Arizona graduates who go on to graduate work both at this institution and elsewhere. This information was scattered through a number of University files. In order to get a partial picture, Dean Rhodes had contacted some thirty-two departments, about one-half the departments in which the University has graduate programs; however, these represent the major proportion of all of our programs. For instance, the only major area excluded was Education, which was omitted because of the almost impossible task of gathering information from the hundreds of graduates in the past few years.

The study had been limited to the list of persons receiving bachelor's degrees as listed in the Commencement programs of 1963 and 1964. The department heads surveyed had been asked to inform Dean Rhodes which of those persons undertook graduate work at the University of Arizona; which undertook graduate work at another institution, and the name of the institution if known; which had not gone on to graduate school; and which were persons for which no information was available. Dean Rhodes acknowledged the assistance of the department heads concerned. His report was as follows:

<u>Department</u>	<u>Total Graduates</u>	<u>No Info</u>	<u>Net No. Graduates</u>	<u>UA Grad College</u>	<u>Other Gr. School</u>	<u>No Grad School</u>
BIO SCIENCES						
Botany	6	-	6	4	0	2
Microbiol	28	11	17	4	2	11
Zoology	58	27	31	13	13	5
Subtotal	92	38	54	21	15	18
Percent	100.0	41.4	58.6	22.8	16.3	19.6
AGRICULTURE						
Agronomy	8	-	8	1	1	6
Entomology	4	-	4	1	0	3
Horticulture	16	-	16	6	0	10
Plant Path	2	-	2	1	0	1
Wtrshd Mgmt	10	-	10	2	2	6
Subtotal	40	-	40	11	3	26
Percent	100.0	0.0	100.0	27.5	7.5	65.0
PHARMACY						
Subtotal	68	1	67	2	3	62
Percent	100.0	1.5	98.5	2.9	4.5	91.1
PHYS SCIENCES						
Ag Chemistry	5	-	5	1	0	4
Chemistry	24	13	11	2	9	0
Geology	25	3	22	10	2	10
Mathematics	60	47	13	8	5	0
Physics	10	4	6	3	3	0
Subtotal	124	67	57	24	19	14
Percent	100.0	54.0	46.0	19.4	15.3	11.3
ENGINEERING						
Aero & Mech	118	-	118	8	8	102
Chem Eng	21	-	21	9	2	10
Civil Eng	61	11	50	13	3	34
Elec Eng	142	120	22	19	3	0
Met Eng	15	-	15	3	1	11
Subtotal	357	131	226	52	17	157
Percent	100.0	36.7	63.3	14.6	4.7	44.0
SOC SCIENCES						
Ag Econ	25	1	24	2	2	20
Anthropology	34	2	32	15	5	12
Economics	39	22	17	4	2	11
Government	85	71	14	10	4	0
History	102	56	46	30	7	9
Psychology	77	31	46	10	13	23
Sociology	31	6	25	6	1	18
Subtotal	393	189	204	77	34	93
Percent	100.0	48.1	51.9	19.6	8.6	23.7
BUSINESS ADM						
Subtotal	499	316	183	64	17	102
Percent	100.0	63.4	36.6	12.8	3.4	20.4
HUMANITIES						
English	95	58	37	18	9	10
French	22	6	16	7	1	8
Oriental St.	14	-	14	5	3	6
Philosophy	10	1	9	3	2	4
Spanish	26	4	22	7	0	15
Subtotal	167	69	98	40	15	43
Percent	100.0	41.4	58.6	23.9	9.0	25.7
TOTAL						
Subtotal	1740	811	929	291	123	515
Percent	100.0	46.6	53.4	16.7	7.1	29.6

Dean Rhodes called attention to the fact that until recently Pharmacy and Business Administration graduates rather rarely continued for graduate work, normally entering professional careers almost immediately upon graduation. This situation is changing, however. Dean Rhodes mentioned that students who following completion of their baccalaureate degrees entered Law School or Medical School had been considered to have proceeded with graduate work.

Dean Rhodes said he felt the report should be regarded as interesting and having certain implications but not as exhaustive or complete by any means.

Vice President Johnson pointed out that some departments did a much better job of keeping in touch with their former students than did others. President Harvill said he had asked the academic deans to work with their department heads in the hope that more information could be maintained about what happens to students after they graduate from the University of Arizona. The deans have indicated that they will write to students in their senior year, asking them what their post-graduate plans are. It is felt individual letters will bring a better response than a questionnaire.

Dr. Muir asked if the Alumni Office was able to provide such information to the various departments since sometimes students do not know what they will be doing until after they have left the campus. This information sometimes is reported back to the Alumni Office rather than to the departments. Mr. Johnson said that Alumni files are reasonably complete but that office is at the mercy of the willingness of the individual alumnus to provide information requested.

HONORS PROGRAM, REPORT ON: President Harvill introduced Dr. Arthur H. Beattie, Chairman of the University Honors Program, explaining that he had asked Dr. Beattie to make a report to the Senate, a report which Senate members have indicated they would appreciate receiving about once a year.

(At this point President Harvill and Mr. Windsor left the meeting. Vice President Delaplane took the chair and Mr. Shirey took Mr. Windsor's place as Secretary.)

Dr. Beattie reminded the Senate that the Honors program had first gone into operation in February 1962. Initially participants had included only freshmen and sophomores. In May 1964 the first group of students to qualify for the bachelor's degree with Honors under the University-wide program were graduated. There were seventeen such students.

Dr. Beattie said at the present time two students are registered in Honors 198b and fifty-one are enrolled in Honors 198a. Most of these students can be expected to qualify for graduation with Honors in 1965.

Dr. Beattie pointed out that a total of eighty-eight juniors and seniors are now enrolled in Honors work. There are one hundred thirty-three enrollments, but this includes students who are enrolled for Honors in more than one course, and in a single instance in more than one field.

Dr. Beattie pointed out how widespread the Honors program has become at the junior and senior levels of participation in various colleges of the University. He pointed out further that of the 88 students currently enrolled in the Honors program, 39 are participants in the Special Master's degree program, the special program receiving financial support from the Ford Foundation, which is directed by Dr. Thomas W. Parker.

Dr. Beattie pointed out he did not include in any of his figures the twelve graduate students now enrolled at the graduate level in the Master's degree program.

Dr. Beattie pointed out it might be necessary to drop some students who are currently listed as Honors Program participants because they had not shown particular interest in the program.

Dr. Beattie pointed out that currently approximately two hundred students are participating in the Honors program.

Referring to the variety of high schools from which the Honors Program participants have come, Dr. Beattie pointed out that one student came from Gila Bend high school and he is one of the best informed, most widely read students Dr. Beattie has met in his entire teaching career.

Dr. Beattie pointed out that some students are limited in their participation in the Honors program because at the upper division their departments do not offer special opportunity for Honors work.

Dr. Beattie mentioned the Frontiers of Knowledge lecture series for Honors participants. Three sessions have been held this fall, he said, and a fourth one would be presented this same week. "In the Frontiers of Knowledge lectures we seek to provide for the Honors participants introduction to various fields of study. We try to give them some notion of the interest and excitement that can be found in research in various fields", he said. They are offered to the student to help him gain breadth. It is also hoped this experience may interest some students to enter upon University teaching as a career. These discussions in the past, it is felt, have shown that after all, in spite of certain disadvantages perhaps, academic life also has its pleasant aspects and carries with it a certain excitement and stimulation.

The first presentation this year had been given by Dr. Edwin N. Wise, "The Chronicle of a Sabbatical". This had been an excellent program of the type which Dr. Beattie has felt should be the aim of such a series. He showed the students not only something of what is being done in German graduate institutions, but he outlined some of the differences between programs of instruction in this country and in Germany. He shared with the students some of the feelings he had about his sabbatical leave, as to seeing other aspects of knowledge as a professor seeking to improve himself through study abroad.

The second lecture of the series had been given by Miss Germaine Bree. Miss Bree's appearance, while not officially a feature of the Frontiers of Knowledge series, had been announced to the Honors program participants and they had all been urged to participate. Her appearance on this campus was sponsored by the University Chapter of Phi Beta Kappa, under the Phi Beta Kappa's National Visiting Scholars program, but her appearance here provided an excellent opportunity for the Honors program participants to hear a stimulating lecture by an important literary figure. She had spoken on "Albert Camus Today".

The third program had been presented by Dr. Laurence M. Gould, Professor of Geology. He gave, Dr. Beattie said, what is pretty close to being the ideal Frontiers of Knowledge lecture, which led to a lively group discussion immediately afterward. The discussion is more important in many respects than the lecture itself, Dr. Beattie said. Dr. Gould's subject was "Antarctica, Frontier of International Research".

The next Frontiers of Knowledge lecture, Dr. Beattie said, would be Thursday evening of that week, presented by Dr. Bernard Weinberg, Head of the Department of Romance Languages of the University of Chicago, speaking on "Shakespeare's Renaissance World".

Dr. Beattie pointed out that interviews continue to be an important part of the Honors program. Each student meets with a panel of three faculty members to give him experience in meeting with scholars and engaging in conversation with them. This is good preparation for facing interview panels later for major fellowships and awards. It is also good preparation for later oral examinations in graduate work. The reports of these interviews constitute now a rather substantial file in Dr. Beattie's office, he said, and provide helpful material oftentimes to support honors students later when they seek fellowships and other graduate school awards. Dr. Beattie said he finds he now must devote a good deal of time to writing letters of recommendation on former honors students, on the basis of his knowledge of the students which, in turn, is based on the dossiers of these students resulting from their interview experiences.

Dr. Beattie expressed his appreciation to the more than sixty faculty members who help conduct these interviews. He believes the faculty members have found that serving on the interview panels has been a thoroughly stimulating experience.

Dr. Beattie said that, for personal reasons, he had not been able to visit other institutions as much as he had hoped in order to study Honors programs in other colleges and universities. He has had occasion to visit with persons who have visited other institutions and examined other Honors programs. He said he had recently had a visit with the Director of the Honors Program at the University of Hawaii. At Hawaii more seminars and colloquia are presented. However, they have not developed an interview program. The Director indicated he thought this would be a worthwhile addition to their program.

Dean Rhodes asked how many University scholars were participating in the program. Dr. Beattie said between twenty and twenty-five. This category groups those juniors and seniors who wish to retain their connection with Program, but who are majoring in fields in which the opportunity for Honors studies has not yet been made available.

Dean Rhodes asked what proportion of lower division Honors students reaching the junior year in fields not offering Honors studies seek to retain this connection with the Program. Dr. Beattie explained that at least 75% prefer to retain affiliation with the Honors program. Dean Rhodes said this is an interesting statistic and a good recommendation for the program. Dr. Beattie said possibly the students wish to retain the relationship in order to be able to use the Director of the Honors Program as a reference later. They are invited to participate in the interviewing experience as long as they are affiliated with the Honors program.

Dr. Delaplane commented that there is considerable interest on the part of high school principals in the University Honors program.

Dean Rhodes asked to what group did Dr. Beattie refer when he said that certain students were not showing particular interest in the program and would, therefore, be weeded out. Dr. Beattie said he referred to students who did not respond to his request for a listing of their class schedule so that interviews could be arranged or in other ways indicated they were not interested in the program. Some students had not attended the Frontiers of Knowledge lectures. However, this does not in itself indicate lack of interest since some students have other evening classes which conflict.

Dean Rhodes asked Dr. Beattie about what proportion of participants were dropped from the program because of lack of interest. Dr. Beattie responded he thought the figure would run about 20%.

Dean Rhodes asked if there was a reasonably large number of drop outs because of poor grades. Dr. Beattie said normally those who lost interest are those whose grades are unsatisfactory. Occasionally a student with high grades just doesn't have the potential for growth, the interest in original thinking, etc., which Honors participants should demonstrate.

Dr. Beattie explained that the action of dropping a participant from the Honors program was not taken hastily.

Dr. Beattie's complete statistical report is attached to these minutes.

Dr. Delaplane thanked Dr. Beattie for his interesting and encouraging report. He said he hoped some University departments that are not presently offering upper division work to Honors students would be encouraged to consider adding such work if for no other reason than to serve as an attraction to superior students who then might be interested in pursuing majors in those fields.

The meeting adjourned at 5:20 P.M.

David L. Windsor, Secretary

Arizona High Schools Represented

Agua Fria	2	Brought Forward	20
Benson	1	San Manuel.	1
Casa Grande	2	Scottsdale -- Arcadia	1
Gila Bend	1	Coronado.	1
Grand Canyon.	1	Scottsdale.	2
Miami	2	Sierra Vista (Buena HS)	1
Nogales	2	Tucson--Amphitheater	5
Phoenix--Camelback.	2	Catalina.	7
Central.	1	Pueblo.	1
Cortez	1	Rincon.	15
Union.	1	Tucson.	7
Washington	2	Yuma--Kofa	<u>1</u>
West	<u>2</u>	Total	62
	20		

Arizona Private Schools Represented

Verde Valley (Sedona)	1
Salpointe (Tucson)	1
St. Joseph's (Tucson)	1
Immaculate Heart (Tucson)	<u>1</u>
Total	4

Division by Sex

Men 48 Women 43

Distribution by Colleges

Agriculture	9
Home Economics	1
BPA	1
Engineering	17
Fine Arts	2
Liberal Arts	56
Mines	<u>5</u>
Total	91

III Degrees with Honors Awarded May 27, 1964

*Francois A. Camoin, B.A. with Honors in English
 *Douglas Ray Fischer, B.A. with Honors in English
 *Dawson Hill Hayward, B.A. with Honors in Spanish
 *Harriot Ella Hutchins, B.A. with Honors in French
 John Daniel Lyons, Jr., B.A. with Honors in English
 *Marsha Malone, B.A. with Honors in French
 Jeanette Lou Nelson, B.A. with Honors in English
 *Harold Andrew Rasp, B.A. with Honors in History
 *Robert Lee Schuyler, B.A. with Honors in Anthropology
 Karen Gay Stauffer, B.A. with Honors in English
 *Karl von den Steinen, B.A. with Honors in History
 *LuJuana Rae Wolfe, B.A. with Honors in English
 Robert Henry Brook, B.S. with Honors in Chemistry
 Abraham Ruddell Byrd III, B.S. with Honors in Zoology

(continued)

Jerry Ben Gin, B.S. with Honors in Chemistry
*David Allen Heatwole, B.S. in Geological Engineering, with Honors in Geology
Jean Buchwalter Carroll, B.A. in Education, with Honors in English

Total degrees with Honors, Commencement 1964 17

*The asterisk designates participants in the Special Program for the Master's Degree. All those so marked, with the single exception of Karl von den Steinen, are now continuing graduate studies under the same program.