

UNIVERSITY of PENNSYLVANIA



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63 Pct. of Freshmen Placed In High Schools' Top Fifth

Sixty-three percent of the University's entering class of 1434 students were in the academic top fifth of their secondary-school classes, according to a class "profile" prepared recently by Dean of Admissions William G. Owen.

This places the present freshman class near the top of the list, judged by excellence of preparation, of all classes admitted thus far by the University, and reflects the favorable results of Pennsylvania's increasingly stringent and selective admission policies.

These policies had the direct effect of "weeding out" three out of every four applicants, to bring the class down to its present numerical level from a total of 5870 applicants. Of those finally admitted, 456, or 32 percent, came from Middle Atlantic states outside Pennsylvania; South-eastern Pennsylvania's delegation was next in size, with 393 members, or 27 percent of the class; and the rest of Pennsylvania ran a poor third with 153, or 11 percent. The balance of the class came from New England, with 12 percent; the Middle West, with 7; the South, with 6; the Far West, 3, and foreign countries and possessions, 2.

The traditional undergraduate ratio of four men to one woman has been upset by the Class of '65. It now stands at slightly less than three to one, with 1057 men and 377 women.

In numerical size, the freshmen are outclassed by the present sophomores, who have a total of 1517 students, selected from 6259 applicants. Dean Owen found the drop in applicants an indication that the wasteful practice of multiple applications is decreasing as a result of the combined efforts of universities and colleges to abate it.

This year's freshmen are distributed among the schools as follows: College, 577; College for Women, 319; Wharton School, 357; Engineering, 126; Nursing and Allied Medical Professions, 55.

"The number of students being admitted with advanced standing on the basis of college grade courses taken in their preparatory schools," said Dean Owen, "has more than doubled in the past three years. For the class entering in 1961, a total of 285 advanced placement examinations were completed, of which 92 received credit."

Mid-Year Graduates to Get Their Diplomas by Mail

The new University calendar now in effect will eliminate the mid-year Commencement exercises customary in years past, and thus will make necessary a new procedure for the conferring of degrees at other times than the spring Commencement, according to John C. Hetherston, Secretary of the University.

Degree candidates graduating at mid-years and at the end of the University's summer sessions will have their diplomas mailed to them, said Hetherston, and will be invited to participate in the succeeding spring Commencement. This procedure goes into effect at the end of the current semester.

"While invitations to participate will be issued to all persons who have completed requirements for degrees since the last Commencement," said Hetherston, "the customary

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Formula Set for Finals

The difficult problem of tailoring a final-examination schedule to fit the earlier semester closing date set by the new University calendar was solved, after a fashion, by the College Faculty Senate on November 7.

At that time the Senate accepted a formula, presented by the University Committee on Calendar Implementation, which provides that no student shall be given more than three examinations on any one day during the final examination period. Deans of other Schools outside the College, including Wharton have agreed to follow the formula as closely as possible.

The Dean of the affected school will be expected to arrange postponement of at least one examination for any student who finds himself facing the prospect of four examinations in a single day.

Under the committee's formula:

An examination given in the last week of the semester is to take place during a regularly assigned class hour, and is not to extend beyond it.

Classes having a block of two or more consecutive hours on one day will hold the examination during the last meeting of class.

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Backgrounder:**The Educational Service Bureau**

Among the elementary and high schools of the Middle Atlantic area, the University and its faculty have a busy and highly vocal champion in the Educational Service Bureau, a function of the Graduate School of Education.

Under the direction of Dr. Lee O. Garber, the Bureau operates as a kind of extension service, providing counsel and active assistance in the solution of problems to schools throughout Pennsylvania, New Jersey and Delaware—the sources of many of the University's prospective students.

The Bureau, which has headquarters in Eisenlohr Annex, maintains day-to-day contact through Dr. Matthew J. Pillard, its Associate for Study Councils, with its 72 "regular clients"—school districts scattered throughout southeastern Pennsylvania, from Harrisburg to suburban Philadelphia. These districts are grouped into five large Study Councils, which delegate their superintendents, committee members, and a small number of teachers to meet each month with Dr. Pillard on routine matters, and which look to the Bureau for help with projects which involve extensive research or specialized experience.

For its services, the Bureau charges each Council a standard annual fee, adjusted to the size of the school population represented. A considerable amount of its work is also done on a contract basis for school districts outside the Study Councils, which call the Bureau in to direct the establishment of teaching or workshop programs in new educational areas. The Bureau's success in this field has gained it wide attention among elementary and secondary school officials, as well as favorable publicity for the University as a whole.

With the Bureau's aid, one Study Council recently completed a three-year program of research into advanced methods of development reading, and issued an authoritative handbook for teachers. Other units have carried out a teachers' workshop for highly gifted children. Another is having the Bureau survey the work of its administrative staff, with an eye to improving efficiency and economy. A Southern New Jersey school district has called the Bureau in to establish a teaching program in world cultures, which will take the place of the older methods of teaching geography and current history.

For many of these services the Bureau calls on the talents of individual members of the University faculty.

"We try to use as many of our own faculty people as we can on these projects," said Dr. Garber. "I like to think of our work as a sort of clearing-house," he added, "in which we help to keep a free flow of ideas circulating between the University and the schools on which it depends for students." In this task he is aided by Dr. William B. Castetter, Associate Director of the Bureau, and a small staff of instructors.

Students are Campus Guests

As part of the University's continuing program of college motivation, carried out in cooperation with the city, sixty students from West Philadelphia High School spent the day on campus as Pennsylvania's guests on November 1.

The group, including seven seniors, 33 juniors and 20 sophomores, toured the campus with undergraduate guides, "sat in" on various course meetings, had lunch with their hosts, and were given opportunities to discuss college life with faculty members.

Graduate Enrollments Up In Engineering: Chambers

A substantial increase in graduate enrollments in the University's Engineering Schools, reflecting "the growing importance of advanced engineering studies," was reported by Dr. Carl C. Chambers, Vice President for Engineering Affairs, to the Engineering Alumni Society recently.

At the same time, Dr. Chambers told the Society at its annual reception and dinner at University Museum on November 8, undergraduate enrollment in the same schools has decreased slightly, to yield a net increase in enrollments of eight percent.

The engineers also heard Dr. George E. Ruff, Assistant Professor of Psychiatry at the University School of Medicine and psychiatric adviser to Project Mercury, predict that future space travelers "will face prolonged isolation, a fear of injury or death, and loss of their accustomed means of gratification."

Thomas W. Williams, '22, of Lansdowne, was elected president of the Society to succeed Sydney K. Allman, Jr., '25.

Additional Appointments

In addition to the faculty and staff appointments announced by *The Almanac* last month, the Trustees at their meeting on October 13 made the following new appointments, effective either in current or later semesters:

The College:

Dr. Richard Brilliant as Assistant Professor of the History of Art, effective July 1, 1962.

Dr. Alan Heeger as Assistant Professor of Mathematics, effective January 15, 1962.

Wharton School:

Dr. Franz B. Gross as Visiting Associate Professor of Political Science, September 1, 1961, to June 30, 1962.

Dr. W. Carlton Harris, Emeritus Professor of Finance, to serve part-time for the current semester.

Dr. Norman Kaplan as Associate Professor of Sociology, to take up his duties July 1, 1962.

Engineering Schools:

Dr. John T. Chu as Associate Professor of Electrical Engineering, effective July 1, 1961.

Graduate School of Arts and Sciences:

Dr. Solomon Poll as Assistant Professor in the Greenfield Center for Human Relations, effective July 1, 1961.

Graduate School of Fine Arts:

Mr. Edmund N. Bacon as Visiting Professor of Civic Design in Department of Architecture, effective Sept. 1, 1961.

Dr. William C. Grigsby as Associate Professor in the Institute of Urban Studies, effective July 1, on joint appointment with Department of Finance, Wharton School.

Mr. Anthony J. Walmsley as Assistant Professor of Landscape Architecture, effective July 1, 1961.

Mr. James R. Woodruff as Assistant Professor of Architecture, effective July 1, 1961.

School of Medicine:

Dr. Sol H. Goodgal as Associate Professor of Microbiology, effective Sept. 1, 1961.

Dr. Harry J. Hurley, Jr., as Associate Professor of Dermatology, effective February 1, 1962.

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APPOINTMENTS*(Continued from Page 2)*

Dr. Joham A. Levan as Visiting Professor of Cytology in Pediatrics, effective June 1, 1961.

Dr. Florence Lief as Assistant Professor of Pediatrics, effective July 1, 1961.

Emeritus Professor of Isaac Starr, for service in Therapeutic Research, effective July 1, 1961.

Dr. Sydney F. Thomas as Assistant Professor of Radiology, effective October 1, 1961.

Graduate School of Medicine:

Dr. Denis Abelson as Associate Professor of Medicine, effective September 1, 1961.

Dr. Stanley C. Glauser as Assistant Professor of Physiology, effective July 1, 1961.

Dr. Robert A. Kimbrough, Jr., as Emeritus Professor of Gynecology-Obstetrics, effective July 1, 1961.

Dr. Gabriel A. Schwartz as Assistant Professor of Neurology, effective April 30, 1961.

Dr. Irwin I. Ship as Assistant Professor of Oral Medicine retroactive to January 1, 1961.

Dr. Georg F. Springer as Associate Professor of Immunopathology, effective July 1, 1961.

Dental School:

Dr. Thomas A. McFall as Clinical Associate Professor of Oral Medicine, effective July 1, to go on leave of absence October 1, 1961.

School of Veterinary Medicine

Dr. Ernest O. Attinger as Assistant Professor of Physiology, effective July 1, 1961.

Staff Appointments:

Members who have joined the administrative staff in the office of the Vice-President for Development and Public Relations this fall are:

Gerard R. Williams, as Assistant Director of Alumni Annual Giving. He is a graduate of Pennsylvania, 1954, and comes here from the Haverford School, where he taught English from 1955 to 1961.

David J. Calamore, as Assistant to the Dean of the Dental School for Alumni Affairs and Development. He is to receive his bachelor's degree in economics at Pennsylvania in May, 1962.

Miss Penny Cook, as Assistant to the Director of Alumni Annual Giving. She is a graduate of the Wharton School in 1960.

Remington Rand Presents Gifts Valued at \$1,000,000

Contributions valued at more than \$1,000,000 were given the University by the Remington Rand Division of Sperry Rand Corporation last month in appreciation of the University's pioneering role in developing the electronic computer industry.

The gifts included a Univac Solid-State-80 computing system; four fellowship grants, and the assignment to the University staff of a group of advanced computer experts to assist its computer research and education programs.

The new Univac unit will supplement a Univac I presented to the University by Remington Rand in 1957.

Announcement of the contributions was a feature of the dinner at University Museum on October 12 commemorating the fifteenth anniversary of the completion of Eniac, the world's first large-scale all-electronic digital computer.

Graduate School Establishes Religious Thought Program

The establishment of a graduate study program in Religious Thought was announced by President Harnwell early this month.

To go into effect in September, 1962, the program will lead to the doctoral degree. It is under the direction of Dr. Claude Welch, Berg Professor and Chairman of the Department of Religious Thought.

Dr. Welch emphasized that "this will not be a professional program to train theological students. Its practical purpose," he added, "is to prepare teachers for colleges and universities."

The program, being set up in the Graduate School of Arts and Sciences, will be supervised by a group committee including faculty members in Anthropology, Classical Studies, History, Philosophy, Oriental Studies, and Religious Thought.

Its students need not have majored in Religion as undergraduates, but those with insufficient preparation will be required to lengthen their period of study. Undergraduate Honors majors at the University may be qualified to receive the doctorate in the program after three years of study.

DIPLOMAS*(Continued from Page 1)*

attendance rules will apply only to those graduating on Commencement Day."

About two weeks after the end of the fall term, the Office of the Secretary will send out diplomas by registered mail to those who have just completed their work. The various deans' offices will be asked to supply lists of probable graduates at least one month in advance at the end of the semester, so that the Secretary may arrange for the engrossing of the diplomas.

Similarly, about two weeks after the end of the extended summer session, diplomas will be sent out, with three weeks in advance allowed for receipt from the deans' offices of lists of probable graduates.

Each mailed diploma will have an appropriate covering letter from President Harnwell, conferring the degree, congratulating the student, and inviting him to participate in the next public Commencement. The date on all diplomas will be the day and year on which the degrees were conferred. The practice of conferring degrees "as of" a previous year will be discontinued, with a certain few exceptions.

FINALS*(Continued from Page 1)*

Classes meeting for two or more non-consecutive hours, in which the last meeting comes at 8, 10, 12 or 2 o'clock, will be examined at the last meeting.

Classes meeting for two or more non-consecutive hours, in which the last meeting comes at 9, 11, 1, or 3 o'clock, will be examined at the next-to-last meeting.

Some instructors are expected to follow suggestions put forth earlier in the semester, and eliminate final examinations in favor of other methods of evaluating student performance. But the committee stipulated in its formula that those giving examinations should conform to the pattern to avoid conflicts. It also urged that laboratory examinations be given during the assigned laboratory period.

The 1961-62 calendar calls for concluding the present semester on December 23.

Among Other Things

CONGRATULATIONS: To *Dr. Reavis Cox*, Professor of Marketing in the Wharton School, on his winning one of the 1961 Converse Awards of the American Marketing Association for his contributions to the advancement of marketing science . . . To *Dr. Ruth E. Smalley*, Dean of the School of Social Work, on receiving an Outstanding Achievement Award from the University of Minnesota, her alma mater . . . And to *Dr. Derk Bodde*, Professor of Chinese in the Graduate School of Arts and Sciences, on his induction as a member of the Humanities Division of the American Philosophical Society, to which he was elected last spring. The society, founded by Benjamin Franklin, is limited to a domestic membership of 500 persons . . .

AUTHORS AMONG US: *Dr. Frederick C. Gruber*, Professor of Education, is the author of *Foundations for a Philosophy of Education*, published recently by Crowell . . . A special feature on "Teaching Machines and Programmed Learning," by *Dr. Eugene Galanter*, Associate Professor of Psychology, appeared in the November issue of the *NEA Journal*, issued by the National Education Association. *Dr. Charles Lee*, Vice-Dean of the Annenberg School, is the author of the pieces of light verse appearing currently in the new *Sunday Bulletin Magazine* here . . . *Professor James Paul*, Director of the Institute of Legal Research, has just had published a book entitled *Federal Censorship*, in collaboration with *Murray L. Schwartz*, Law '49 . . . *Dr. N. S. Prywes*, Assistant Professor of Electrical Engineering, is co-author of "UNIVAC-LARC High-Speed Circuitry: Case History," published in the *IRE Transactions on Electronic Computers* . . .

SPEAKING OF SPEAKING: *O. M. Salati*, Assistant Professor of Electrical Engineering, delivered a paper on "Microwave Absorption of Mankind" at the October 10 meeting of the Washington, D. C., Chapter of the Institute of Radio Engineers Professional Group on Microwave Theory and Techniques . . . *Dr. William Gomberg*, Professor of Industry, lectured before the Princeton Management Conference on September 26 and before the Kansas City Chapter of the Personnel Management Association on September 27 . . . *Dr. Robert G. Cox*, Vice Dean of the Wharton School, spoke at the 35th annual Michigan Accounting Conference at the University of Michigan, Ann Arbor, on September 29 . . . *Dr. Walter B. Shelley*, Professor of Dermatology in the School of Medicine, lectured on "New Observations on the Basophil" before the Delaware County Medical Society at Lima, Pa., on September 14 . . . *Dr. Alan Rubin*, of the Department of Obstetrics and Gynecology, spoke on "The Value of the New Progesterone Hormones in the Control of Fertility" at the annual meeting of the Pennsylvania Medical Society in Pittsburgh on October 19 . . . *Dr. Saul Gorn*, Associate Professor of Electrical Engineering in the Moore School, presented a paper on "Extending Man's Intellect" at the Eighth Institute on Electronics in Management on November 3 at American University, Washington, D. C. *Dr. Maurice A. Brull*, Professor of Applied Mechanics in the Towne School, delivered a paper entitled "Applications of Analog Computers to Problems in Structural Mechanics" on October 17 at the annual meeting of the American Society of Civil Engineers in New York. *Dr. Sidney Shore*, Professor of Civil Engineering, participated in the same meeting as chairman of the Committee on Electronic Com-

puters and as a member of two other committees . . . *Dr. J. G. Brainerd*, Director of the Moore School, gave the first annual lecture in the R. L. Sweigert Lecture Series at Georgia Institute of Technology on November 2, on the subject of systems engineering . . . *Dr. D. W. C. Shen*, Assistant Professor of Electrical Engineering, presented a paper on "Detection of Underwater Objects by Means of Vessel Magnetism" at the 16th annual ISA Instrument-Automation Conference on September 13 . . .

TRAVELERS: *Louis B. Schwartz*, Professor of Criminal Law in the Law School, attended the VIIIth Congress of the International Association of Penal Law in Lisbon, Portugal, September 21-27 . . . Law School Professor *Alexander Frey* spent the summer at Salzburg, Austria, as a member of the law faculty at the Salzburg Seminar on American Studies . . . *Dr. Paul Wenger*, of the Department of Psychiatry, attended the VIth International Congress on Mental Health in Paris, August 30-September 5.

Travel record-holder for the fall was *Dr. Shen*, who in addition to the activities mentioned earlier, attended the Third International Conference on Analog Computation from September 4 to 9 in Yugoslavia.

English Teachers to Hold 51st Annual Meeting Here

Sir Charles P. Snow, eminent British novelist and scientist, and Archibald MacLeish, poet and former Librarian of Congress, will be the "stars" of the 51st annual meeting of the National Council of Teachers of English in Philadelphia on Thursday to Saturday, November 23-25.

Sir Charles will give the opening address at the Council's general session in the Bellevue-Stratford Hotel on Thursday, while MacLeish will be the principal speaker at the annual banquet.

Members of the University faculty who will take part in the program are Dr. Albert C. Baugh, Emeritus Professor of English, who will speak on "The Value of Historical Linguistics to the Teacher of English"; Dr. Matthew W. Black, Professor of English, who will discuss "Shakespeare as Inspired Story Teller"; Dr. Sculley Bradley, Vice Provost and Professor of English, who will read a paper on "The Teaching of Whitman."

Also, Dr. Mary Elizabeth Coleman, Professor of Education, who will direct a discussion of special problems in teaching elementary reading and writing; Dr. Theodore Hornberger, Professor of English, who will read a paper on "Trends in the Teaching of English Literature;" Dr. Robert E. Spiller, Professor of English, who will speak on "The Assumptions of Literature," and Dr. Gerald Weales, of the English Department, who will speak on "Script Writing and Educational Television."

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