

SCIENCE

VOL. LXVII FEBRUARY 17, 1928 No. 1729

CONTENTS

<i>Wellesley College and the Development of Botanical Education in America: DR. C. STUART GAGER</i>	171
<i>Neurology and the Teaching of Medicine: DR. FOSTER KENNEDY</i>	178
<i>The Celebration of the Centenary of Marcelin Berthelot: DR. ATHERTON SEIDELL</i>	180
<i>Scientific Events:</i>	
<i>An International Convention on Cancer Research; The Proposed Pan-American Geodetic Institute; New Building for the Yale School of Medicine; The 1929 Budget of the U. S. Department of Agriculture</i>	185
<i>Scientific Notes and News</i>	187
<i>University and Educational Notes</i>	191
<i>Discussion and Correspondence:</i>	
<i>Applied Geophysics: PROFESSOR A. S. EVE. The Multiple Origin of Tumors: PROFESSOR H. E. EGGERS. The Cuticula of Nematodes: DR. THOMAS B. MAGATH. An Unusual Atmospheric Phenomenon: BOYD W. BARTLETT. Psycho-endocrinology: DR. LOUIS BERMAN</i>	192
<i>Quotations:</i>	
<i>State Academies of Science</i>	195
<i>Reports:</i>	
<i>Resolutions Adopted by the International Geodetic and Geophysical Union: CH. LALLEMAND</i>	196
<i>Scientific Apparatus and Laboratory Methods:</i>	
<i>Infiltrating Pig Embryos with Paraffin: T. L. MALUMPHY</i>	197
<i>Special Articles:</i>	
<i>The Anatomy of the Corium: DR. O. V. BATSON. The Dialysis of Pituitary Extracts: DR. OLIVER KAMM</i>	198
<i>Science News</i>	x

SCIENCE: A Weekly Journal devoted to the Advancement of Science, edited by J. McKeen Cattell and published every Friday by

THE SCIENCE PRESS

New York City: Grand Central Terminal.
Lancaster, Pa. Garrison, N. Y.
Annual Subscription, \$6.00. Single Copies, 15 Cts.

SCIENCE is the official organ of the American Association for the Advancement of Science. Information regarding membership in the Association may be secured from the office of the permanent secretary, in the Smithsonian Institution Building, Washington, D. C.

Entered as second-class matter July 18, 1923, at the Post Office at Lancaster, Pa., under the Act of March 8, 1879.

WELLESLEY COLLEGE AND THE DEVELOPMENT OF BOTANICAL EDUCATION IN AMERICA¹

It is an honor for one to be assigned any part, however minor, in the exercises for which we have assembled to-day, and I am not insensible to the high honor of being invited to give the address this evening. The most significant distinction between man and the rest of creation is his intellect, and the most important matter that can ever concern us is the advancement and diffusion of knowledge. We are met this afternoon to dedicate a beautiful building to these uses.

I have been fortunate in knowing something of this building from the time when it existed only as a need, then as a dream, then through all the various stages of plans in mind, blue prints, bids and contracts, disappointments and delays which mark the construction of every building worth having—and now the welcome stage of a dream come true.

I had almost said, "the final" stage of a dream come true; but that would have implied a misunderstanding of the entire situation, for the completion of this building bears somewhat the same relation to the department of botany of Wellesley as the graduation of students from college bears to their life work—it is only a commencement. True it is not, if I may use a pleonasm, an initial beginning, but it marks the beginning of bigger and better things, not only for botany in Wellesley, but for botany in America, for whatever facilitates better work in any discipline, anywhere, is a benefit to all.

What has gone into this building? Brick and mortar, of course, as those can testify who have watched it rise from day to day. But more than brick and mortar. Aspirations and ideals, hopes and wishes, ability in planning, impatience at delays, discouragements vanquished by zeal and persistence, a determination to have the best in order that the best may be accomplished; love, devotion and sacrifice—the building is fairly held together by these imperishables more firmly than by beams and concrete.

I would like to emphasize, if I may, the comparison of this occasion to a college commencement, for just as commencement day has been preceded by years of activity and accomplishment that justify the final diploma, so this building has been preceded by years

¹ Address delivered at the dedication of the new Botany Building, Wellesley College, November 4, 1927.

School of Medicine Western Reserve University

Cleveland, Ohio

NEW LABORATORIES AND
HOSPITALS
RESTRICTED CLASSES
THOROUGH INSTRUCTION
LARGE CLINICAL FACILITIES
HIGH STANDARD OF SCHOLAR-
SHIP

Admission confined to students having aca-
demic degrees and to Seniors in Absentia.

For information address:

THE REGISTRAR

2109 Adelbert Rd.

CLEVELAND

BOSTON UNIVERSITY SCHOOL OF MEDICINE

ORGANIZED IN 1873

ANNOUNCEMENT

may be obtained by application to

THE REGISTRAR

80, East Concord Street

Boston

Massachusetts

JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE

The School of Medicine is an Integral Part of the University and is in the Closest Affiliation with the Johns Hopkins Hospital.

ADMISSION

Candidates for admission must be graduates of approved colleges or scientific schools with two years' instruction, including laboratory work, in chemistry, and one year each in physics and biology, together with evidence of a reading knowledge of French and German.

Each class is limited to a maximum of 75 students, men and women being admitted on the same terms. Applications may be sent any time during the academic year but not later than June 15th.

If vacancies occur, students from other institutions desiring advanced standing may be admitted to the second or third year provided they fulfill the requirements and present exceptional qualifications.

INSTRUCTION

The academic year begins the Tuesday nearest October 1, and closes the second Tuesday in June. The course of instruction occupies four years and especial emphasis is laid upon practical work in the laboratories, in the wards of the Hospital and in the dispensary.

TUITION

The charge for tuition is \$400 per annum, payable in two installments. There are no extra fees except for certain expensive supplies, and laboratory breakage.

Inquiries should be addressed to the Executive Secretary of the School of Medicine, Johns Hopkins University, Washington and Monument Sts., Baltimore, Md.

Graduates in Medicine who satisfy the requirements of the heads of the departments in which they desire to work are accepted as students for a period not less than three quarters. Tuition charge is \$50 a quarter.

School of Medicine and Dentistry THE UNIVERSITY OF ROCHESTER

Medical School, Strong Memorial Hospital, School of Nursing and Out-Patient Department of the University of Rochester and the Municipal Hospital of the City of Rochester, all under one roof. Medical, Surgical, Obstetric, Pediatric, Contagious and Neurological patients admitted. Unusual opportunities for school and hospital cooperation in medical and dental teaching.

Admission

Medical and dental candidates must have completed three years of college work with special requirements in chemistry, physics and biology. The entering class will not exceed 40, men and women being admitted on equal terms.

Tuition

Charge for tuition will be \$300 per annum, payable in equal installments at the beginning of each semester.

For information address

THE DEAN

School of Medicine and Dentistry
Crittenden Station, Rochester, N. Y.