SCIENCE

VOL. LXIII April 23, 1926 No. 1634

CONTENTS

Qua Vadimus? PROFESSOR ERNST COHEN	407
So-called Volcanic Earthquakes: Dr. T. A. JAGGAR New York City as a Field for Earthquake Study:	414
DR. CHESTER A. REEDS	415
William E. Safford : DR. WILL C. BARNES	418
Scientific Events: Development of the Biological Laboratory at Cold Spring Harbor; The Mellon Lectures at the Uni- versity of Pittsburgh; Grants from the Elizabeth Thompson Science Fund; Resignations in the De- partment of Dermatology at Columbia University; The Madrid Meeting of the International Geolog-	
ical Congress	419
Scientific Notes and News	
University and Educational Notes	
Discussion and Correspondence: Maps for the International Geological Congress at Madrid: PROFESSOR RICHARD M. FIELD. Science Service and the Location of Earthquakes: WATSON DAVIS. The Automobile and Wild Life: W. P. FLINT. On Einstein's Theory of Relativity: CHARLES L. R. E. MENGES. Iodine in Thyroid De- ficiency: PROFESSOR GILBERT D. HARRIS	
Scientific Books: Kyle on the Biology of Fishes: Dr. DAVID STARR JORDAN	
Special Articles: On the Equilibrium between the Enamel of the Teeth and the Saliva: Dr. J. F. McClendon. Fluorides vs. Fluosilicates as Insecticides: R. C. ROARK	
The Tulsa Meeting of the American Chemical So- ciety: DR. CHARLES L. PARSONS	432
Science News	x

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

THE SCIENCE PRESS

Lancaster, Pa. Garrison, N. Y. New York City: Grand Central Terminal.

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.

QUA VADIMUS?¹

The task of an investigator requires for its success the toughness of a soldier, the temper of a saint and the training of a scholar.-Humphry Davy.

The philosopher should be a man willing to listen to every suggestion, but determined to judge for himself. He should not be biassed by appearances; have no favorite hypothesis; be of no school; and in doctrine have no master. He should not be a respecter of persons, but of things. Truth should be his primary subject. If to these qualities be added industry, he may indeed hope to walk within the veil of the temple of nature .- Michael Faraday.

FROM the orb which daily throws its golden rays upon this university,² came on November 14, 1925, the announcement of an anonymous gift to Cornell, the income of which is to be used for the "benefit and advancement of teaching and research in chemistry. The gift was made to enable the University to carry out a plan formulated by Professor L. M. Dennis, Head of the Department of Chemistry. Distinguished men of this and other countries in chemistry and allied fields of science were to be invited to spend one or two semesters at Cornell delivering lectures, conducting research, and generally collaborating with the Department while in residence here."

Some days later there followed the announcement, "Dutch chemist accepts offer to teach here." Let me assure you that I feel very much honored by your kindness in choosing me as the first incumbent and that I fully realize the duties laid upon me by your doing so. I sincerely hope that this establishment of the new "non-resident lectureship" may, as the years go on, bring the results that were in the mind of the anonymous benefactor when he made this generous gift to Cornell.

When, for about a) quarter of a century, a man has, day after day, devoted himself to university instruction, has seen numerous generations enter the Temple of Minerva, and has seen them leave her sanctum decked with the doctor's hood, when he has passed those years in unbroken and intimate intercourse with his pupils, it is obvious that he is perfectly well acquainted with the difficulties which many of them have met on their way.

¹ Introductory public lecture delivered by Professor Ernst Cohen, first incumbent of the non-resident lectureship in chemistry recently established at Cornell University.

² The Cornell Daily Sun.

BOSTON UNIVERSITY SCHOOL OF MEDICINE

ORGANIZED IN 1873

ANNOUNCEMENT

may be obtained by application to

THE REGISTRAR

80 East Concord Street.

Boston.

Massachusetts

School of Medicine and Dentistry THE UNIVERSITY OF ROCHESTER

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

Admission

Medical and dental candidates must have com-pleted 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. Instruc-tion will begin September 23, 1926.

Tuition

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

For information address

The Dean-School of Medicine and Dentistry, Elmwood Avenue, Rochester, N. Y.

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

ADMISSION Candidates for admission must be graduates of ap-proved colleges or scientific schools with at least 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 aca-demic year but not later than June 15th. If vacancies occur, students from other institu-tions desiring advanced standing may be admitted to the second or third year provided they fulfill the requirements and present exceptional qualifications. INSTRUCTION

INSTRUCTION

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

TUITION

TUITION The charge for tuition is \$360 per annum, payable in three installments. There are no extra fees ex-cept for certain expensive supplies, and laboratory breakage.

The annual announcement and application blanks may be obtained by addressing the

may be obtained by addressing the Registrar of the School of Medicine, Jehns Hepkins University, Washington and Monument Sta., Baltimore, Md. Owing to an extensive building program about to be inaugurated at the Hospital and Medical School, it has been deemed necessary to withdraw, for the next two years at least, post-graduate instruction during the year as well as the summer course for-merly given during June and July.

Marine Biological Laboratory Woods Hole, Mass.

 INVESTIGATION
 Facilities for research in Zoology, Embryology, Physiology, and Bot-any. Fifty-two private laboratories 100 each and ninety-four private laboratories \$200 each for not over three months. Fifty-six tables are available for beginners in research who desire to work under the direction of mem-bers of the staff. The fee for such a table is \$50.00.

INSTRUCTION June 29 to August 9, 1926

SUPPLY

DEPARTMENT

Open the Entire Year



Courses of laboratory instruction with lectures are offered in In-vertebrate Zoology, Protozoology, Embryology, Physiology and Mor-phology and Taxonomy of the algae. Each course requires the full time of the student. Fee, \$75.00.

Animals and plants, preserved, liv-ing, and in embryonic stages. Pre-served material of all types of ani-mals and of Algae, Fungi, Liver-worts and Mosses furnished for classwork, or for the museum. Living material furnished in sea-son as ordered. Microscopic slides in Zoology, Botany, Histology, Bacteriology. Catalogues of Zoolog-ical and Botanical material and Microscopic Slides sent on appli-cation. New Zoology catalogue ready in February. For catalogues and all information regarding material, ad-dress: dress:

GEO. M. GRAY. Curator, Woods Hole, Mass.

The annual announcement will be sent on application to The Director, Marine Biological Labora-tory, Woods Hole, Mass.

For Accurate Quantitative Analysis Sterling's "S" Ouality

made from the highest quality Swedish filter paper, washed by us in hydrochloric and hydrofluoric acids, is as nearly ashless as filter paper can be made.

Filter Paper ING PRODUCTS Q ILTER PAPER 11 CM PENM

It is fine enough to hold

such precipitates as Barium Sulphate and still is rapid filtering. Chemists who have to do excep-tionally careful analytical work will therefore find it an ideal paper for their use.

Sterling's "S" quality filter paper is made in standard sizes, packed in dust-proof boxes of 100 circles each, and the ash per paper is indicated on the label.

Liberal sample on request. STERLING PRODUCTS COMPANY Dept. 8, EASTON, PA.



RESEARCH PLANT PATHOLOGIST-M.S. leading university; 36; ten years' intensive research experience practical problems with U.S. government and large fruit company. Best references. Returning from tropics to the States. Health excellent. Available May 1. Address "C. R.," care of Science, 3030 Grand Central Terminal, New York City.

ZOOLOGIST, M.S., EXPERIENCED Wishes teaching position in an Eastern institution. Write to "B. F.," care of Science, 3939 Grand Central Terminal, New York, N. Y.

WANTED-Young graduate bacteriologist or microbiologist for assisting in research work for large factory on the east coast. In applying please state as fully as possible professional training, experience, references and salary requirements. "R. H.," care of Science, 3939 Grand Central Terminal, New York, N. Y.

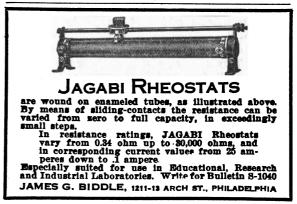
TEACHERS WANTED

Professor of Biology, Ph.D. degree, for a Man's College, work beginning in September. Salary \$3,500. Address:

THE INTERSTATE TEACHERS' AGENCY. 606 New Orleans Bank Building. New Orleans, Louisiana.

FOR SALE-One Carl Zeiss Grating Spectroscope. Reading in Angstrom units. New and in perfect condition. Complete with fitted case and large absorption vessel. Reply to Harrison F. Wilmot, Room 343, One Madison Avenue, New York City.

PLANT PHYSIOLOGIST with extensive training in Plant Chemistry, Soils, Physical Chemistry and Physiological Chemistry desires employment as teacher or research worker. Ph.D. from leading university. Reply care "E.S.," Science, 3939 Grand Central Terminal, New York, N. Y.



Schwartz Sectional System

—the ideal way to store

Saves Materials, Cuts Time and Eliminates Expense

The Schwartz Sectional System is an ideal way to store supplies, samples, apparatus, laboratory reagents and stains.

Like the sectional letter file it is a unit system that can be enlarged to meet increasing requirements.

Each drawer is fitted with sectional and removable shelves and guards, interchangeable and adjustable to any size stock. No danger of knocking down bottles and losing material. Card holders, pulls and numbers of solid brass.

Every article in every drawer is alphabetically indexed for you in a leather loose leaf book that we supply enabling you to find any article in an instant.

The Schwartz System will protect your apparatus and chemicals from dust, dirt, light, breakage and loss. Send for Booklet "S" showing illustrations and net prices.

Schwartz Sectional System

Indianapolis, Ind.

