

Cornell University Medical College

First Avenue and Twenty-eighth St.
NEW YORK CITY



The first year of the course is also offered at Ithaca, N. Y., subsequent years at New York City only.

For information address
THE SECRETARY

Johns Hopkins University Medical School

The Medical School 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 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 75 students, men and women being admitted on the same terms. Except in unusual circumstances, applications for admission will not be considered after July 1st.

If vacancies occur, students from other institutions desiring advanced standing may be admitted to the second or third year provided they fulfill our 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 \$300 per annum, payable in three installments. There are no extra fees except for rental of microscope, certain expensive supplies, and laboratory breakage.

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

Dean of the Johns Hopkins Medical School,
Washington and Monument Sts., Baltimore, Md.

Summer Work for Graduates in Medicine

Beginning Monday, June 2d, and ending Saturday, July 12th, a course in medical diagnosis, including laboratory exercises in clinical pathology and demonstrations in pathological anatomy, will be offered. The course will be limited to thirty students, fee \$100. Applications should be made to the Dean's Office.

School of Medicine Western Reserve University

of Cleveland, Ohio

HIGH STANDARD OF ADMISSION*
RESTRICTED CLASSES
THOROUGH INSTRUCTION
LARGE CLINICAL FACILITIES
HIGH STANDARD OF SCHOLARSHIP

The 1924-25 session will open in the new medical building.

* Admission confined to students having academic degrees and to Seniors in Absentia.

For information address:

THE REGISTRAR

1353 E. 9TH ST.

CLEVELAND, OHIO

YALE UNIVERSITY School of Medicine

Affiliated with the New Haven Hospital
and New Haven Dispensary

112TH SESSION

Reorganized on a full-time basis

Entrance Requirements: A minimum of three years (or its equivalent) of college including general biology, physics, general and organic chemistry, qualitative analysis, physical chemistry or laboratory physics, and either French or German.

ALL THE GENERAL FACILITIES OF THE UNIVERSITY ARE AVAILABLE TO MEDICAL STUDENTS

As the number admitted to each class is limited, applications must be made before July 1.

Dean, Yale University School
of Medicine

NEW HAVEN, CONN.

N. U.

Northwestern University

MEDICAL SCHOOL

Situated in Chicago in close proximity to important Hospitals with an abundance of clinical material.

ADMISSION REQUIREMENTS—Two years of College credit including a satisfactory course in Physics, Chemistry, Biology or Zoology, and French or German.

COURSE OF STUDY—leading to the degree of Doctor of Medicine—Four years in the Medical School and a fifth year either as Interne in an approved hospital or devoted to research in some branch of Medical Science.

GRADUATE INSTRUCTION—in courses leading to the degree of Master of Arts or Doctor of Philosophy.

RESEARCH FOUNDATION—The James A. Patten Endowment for Research affords unusual opportunities for advanced students of Medical Science to pursue special investigations.

RESEARCH FELLOWSHIPS—Four fellowships of the value of \$500 each are awarded annually to promote scholarly research.

TUITION FEES—The tuition fee for undergraduate students is \$180.00 a year.

Next session begins September 26, 1924.

For information address

C. W. PATTERSON, Registrar
2421 South Dearborn St. Chicago, Illinois

COMPLETE EQUIPMENT SERVICE



**Explorers—Engineers—Travelers—
Scientists**

The only place in the U. S. where every unit of the correct outfit may be obtained.

Fiala Patent Sleeping Bag

The only light weight, scientific bag made—keeps in the heat, allows body moisture to escape. \$20 up.

GURLETT'S celebrated Transits, Levels, Alidades, Water Meters and Registers.

Write for descriptive circulars

FIALA OUTFITS INC.

ANTHONY FIALA, 25 Warren Street, New York

Cornell Ph.D. in chemistry, 1916, available for university teaching, or high grade research position. Eight years university teaching, and five years industrial research experience. Highest recommendation as to character and ability. L2 care Science, 3939 Grand Central Terminal, New York, N. Y.

Marine Biological Laboratory

Woods Hole, Mass.

Biological Material



1. **ZOOLOGY.** Preserved material of all types of animals for class work and for the museum.

2. **EMBRYOLOGY.** Stages of some invertebrates, fishes (including Acanthias, Amia and Lepidosteus), Amphibia, Reptiles and some mammals.

3. **BOTANY.** Preserved material of Algae, Fungi, Liverworts, Mosses, Ferns and Seed Plants.

4. **MICROSCOPE SLIDES** in Bacteriology, Botany and Zoology.

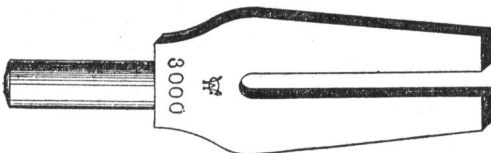
5. **LIFE HISTORIES,** Germination Studies, and Natural History Groups.

Catalogues furnished on application to

GEORGE M. GRAY, Curator
WOODS HOLE MASSACHUSETTS

NEEDED: An association for Scientific Moralogy. All members who sent comments on Millikan's "Science and Society" to the editor of "Science," and all others, are requested to communicate with **EDMUND P. MULLER**, State Hospital, Central Islip, New York.

Physicist, 30, with Ph.D. from first rate university, desires position with a college or university. Has been connected with a research institution for a number of years, and is at present employed. Best of reference. A, Science, 3939 Grand Central Terminal, New York, N. Y.



PRECISION TUNING FORK

Made in wide range of frequency up to 5000 vibrations. Twenty-five years of experience have placed us in position to guarantee absolutely accurate rating. In rating our Forks we use a standard supplied by D. C. Miller, of the Case School of Applied Science, Cleveland, Ohio. Our electrically maintained Forks are well known for their convenient mountings permitting of great range of adaptability.

WM. GAERTNER & CO.

5345-49 Lake Park Ave., Chicago, Ill.

HEREDITY

Laboratory material for the demonstration of Mendelian heredity is offered in the form of mature pistillate inflorescences of *Zea mays*, Linn. (Indian corn on the ear). The following ratios are available:

Ratio of 3:1 segregating for the dominant endosperm character **starchy** (smooth, opaque seeds) and the recessive character **sweet** (wrinkled, translucent seeds).

Ratio of 9:3:3:1 segregating for the two, independent, dominant, endosperm characters **yellow** and **starchy** and the recessive characters **white** and **sweet**.

Ratio of 9:3:4 segregating for the complementary factors of **shrunken** and **sweet** endosperm.

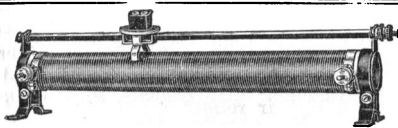
Ratio of 9:7 segregating for two multiple color factors, both dominants together giving **purple** and either or both absent giving **colorless** seeds.

All specimens are produced from stock seed of known genetic purity for the characters segregating. They are well grown and ripened so that the characters are clear-cut and easily classifiable. Each ear contains several hundred kernels. If the material is not satisfactory for any reason it can be returned and all charges will be refunded.

Price 25 cents each, ten or more 20 cents each. Selected specimens for museum purposes one dollar each. Postage extra.

Genetics Laboratory Supplies

George S. Carter, Clinton, Conn.



JAGABI RHEOSTATS

are wound on enameled tubes, as illustrated above. By means of sliding-contacts the resistance can be varied from zero to full capacity, in exceedingly small steps.

In resistance ratings, JAGABI Rheostats vary from 0.34 ohm up to 14,000 ohms, and in corresponding current values from 25 amperes down to .2 ampere.

Especially suited for use in Educational, Research and Industrial Laboratories. Write for Descriptive Bulletin 980.

JAMES G. BIDDLE, 1211-13 ARCH ST., PHILADELPHIA

SCIENTIFIC PERIODICALS

Chemical, Medical and allied subjects. Complete files, volumes and copies, bought and sold. Kindly send us a list of your wants.

B. LOGIN & SON

29 East 21st Street

New York, N. Y.

PHONE SCOPE TEACHES THROUGH THE EYE

SOUND ELECTRICITY

HERBERT GROVE DORSEY GLOUCESTER
MASSACHUSETTS

Freas and Thelco

Ovens—Water Baths—Incubators—Water
Thermostats—Sterilizers, Electrically
heated and controlled

Circulars and Prices on request

EIMER & AMEND

Third Avenue, 18th to 19th Street New York, N. Y.

WASHINGTON, D. C. PITTSBURGH, PA.
DISPLAY ROOM, Evening Star Bldg. Branch Office, 8085 Jenkins Arcade

FURFURAL AS A BIOLOGICAL REAGENT

FURFURAL is an excellent preservative for Biological Specimens.

FURFURAL can be more conveniently used as an injection fluid than the usual preparations.

FURFURAL has many other uses of importance to the Biologist. See "Furfural as a Biological Reagent", by Prof. C. E. Tharaldsen, Science, Vol. LVII, page 305, March 9, 1923.

A pamphlet on Furfural will be sent on request.

THE MINER LABORATORIES

9 SOUTH CLINTON ST.

CHICAGO

REACTIONS OF SOILS

May be quickly and accurately determined through the use of the

"LAMOTTE"

INDICATOR FIELD SET

Complete with instructions. \$4.25 (delivered)
H-ION concentration of water and solutions
quickly and easily determined by the

"LAMOTTE"

H-ION COMPARATOR SET

Complete and ready for use. \$9.10 (delivered)

SEND FOR LITERATURE

LaMotte Chemical Products Co.

Baltimore, Md.

U. S. A.

EXPERT

MICROSCOPE REPAIRS

Have your Microscopes, Microtomes, Polariscope, etc., overhauled. Fully equipped and thoroughly experienced for all intricate work.

REICHERT'S AMERICAN OFFICE:

O. C. RUDOLPH

17 Madison Avenue

New York