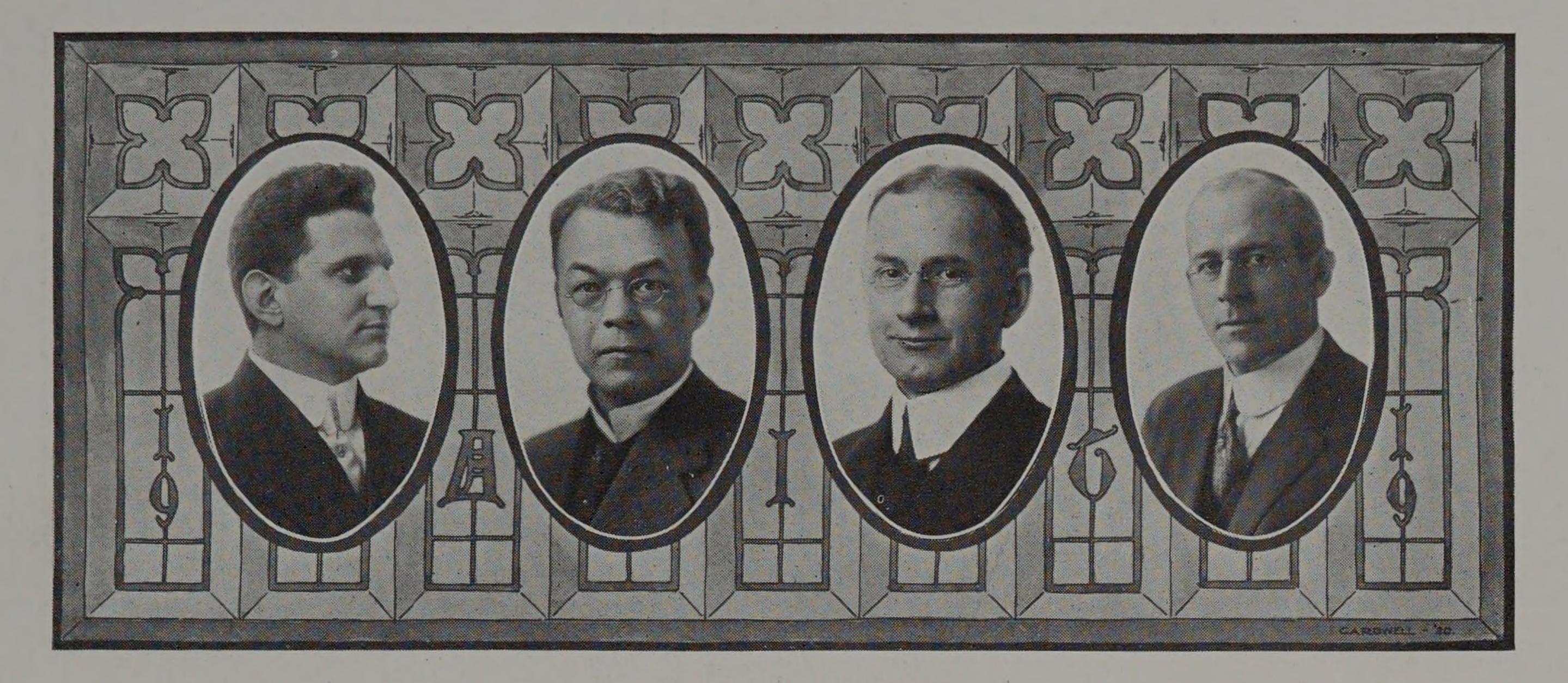
THE INSTITUTE



BENJAMIN BALL FREUD

Associate Professor of Organic Chemistry.

Birthplace, Chicago, Illinois.

B. S., University of Chicago, 1904.

Phi Beta Kappa; Sigma Xi.

Member of American Chemical Society; American Electro-Chemical Society; American Institute of Mining Engineers.

Associate Member of American Physical Society.

Physico-Organic Research on "Vulcanized Oils."

Residence, 703 East 50th Place.

CLYDE BARNES COOPER

Associate Professor of English.

Birthplace, Prairie City, Illinois.

M. A., University of Iowa; Ph. D., University of Chicago.

Residence, 1126 East 62nd Street.

OLIVER CHARLES CLIFFORD

Associate Professor of Electrical Engineering.

Birthplace, Wadsworth, Ohio.

A. B., Oberlin College, 1893; Ph. D., University of Chicago, 1907.

Sigma Chi.

Member of American Society of Mechanical Engineers.

Research Work on "Susceptibility of Copper and Tin Alloys" and "Study of Heusler Alloys."

Residence, 6053 Woodlawn Avenue.

CLAUDE IRWIN PALMER

Associate Professor of Mathematics.

Birthplace, Michigan.

A. B., University of Michigan, 1903.

Member of the American Association for the Advancement of Science; American Mathematical Society, Mathematical Association of America.

Author of "Arithmetic with Applications," "Geometry with Applications," "Alegebra with Applications," "Trigonometry and Logarithms," Co-author of Trigonometry; Co-author of Plane and Solid Geometry. Residence, 6440 Greenwood Avenue.