

TRANSACTIONS
of
The
Electrochemical
Society



VOLUME 81

EIGHTY-FIRST GENERAL MEETING
NASHVILLE, TENNESSEE
APRIL 15, 16, 17 and 18, 1942

PUBLISHED BY

The Electrochemical Society, Inc.

AT THE OFFICE OF ITS SECRETARY
COLUMBIA UNIVERSITY, NEW YORK CITY

1942

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* Deceased.

PRIZES AND AWARDS*

The Edward Goodrich Acheson Medal and Prize

The Edward Goodrich Acheson Gold Medal and \$1,000 Prize were founded by Dr. Acheson in August, 1928.

The award is made once every two years (first award at the Fall Meeting 1929) to the person who shall have made a distinguished "contribution to the advancement of any of the objects, purposes or activities . . . of the Society. Such contribution may consist of but shall not be limited to (a) a discovery pertaining to electrochemistry, electro-metallurgy or electrothermics, (b) an invention of a plan, process or device, or research evidenced by a paper embodying information, useful, valuable or significant in the theory or practice of electrochemistry, electrometallurgy or electrothermics, and/or (c) distinguished services rendered to the Society or its successor."

The award is made without distinction on account of sex, citizenship, race or residence. See *Trans. Electrochem. Soc.* 54, 6 (1928).

The Edward Weston Fellowship in Electrochemistry

The Edward Weston Fellowship Fund was established by Dr. Weston in December, 1928. The Fellowship of approximately \$1,000 is awarded annually (March 1st) by the Society to a graduate student in electrochemistry who possesses marked ability in carrying out research in electrochemistry. The candidate must be under the age of 30 years at the time of the award. The successful candidate may carry out the research at any institution of learning approved of by the Board of Directors of the Society.

The award is made without distinction on account of sex, citizenship, race or residence.

For applications or further details apply to the Secretary of the Society. See *Trans. Electrochem. Soc.* 55, 20 (1929).

The Electrochemical Society Prize to Young Authors

An annual prize of one hundred dollars was established by the Board of Directors in July, 1928. The prize is awarded to the author of the best paper printed in the two volumes of any year of the *Transactions of the Society*. The judges to pass upon the merits of the paper are five members of the Publication Committee and the immediate past-president of the Society, the Committee being at liberty to invite the opinion of members not on the Committee.

The prize is open to students and graduates, under twenty-seven years of age, at any technical school, college or university, no matter where located. See *Trans. Electrochem. Soc.* 55, 22 (1929).

* See also pages xii and xiii of this volume.

PRIZES AND AWARDS*—Continued

The Roeber Research Fund

This Fund was established in September, 1933, by a group of friends and admirers of the late Dr. E. F. Roeber, one of the founders of the Society and always an ardent enthusiast over the triumphs of electrochemistry. The annual interest of this fund is to assist university students who are members of the Society (age limit twenty-eight years) requiring special apparatus or supplies for their electrochemical research. Requests for such assistance should be addressed to the Secretary of the Society. See *Trans. Electrochem. Soc.* **64**, 6-7 (1933).

The Joseph W. Richards Memorial Lectureship

Dr. Joseph William Richards was one of the founders of the Electrochemical Society and its first President. He was Secretary and Editor of the Society's Transactions from 1904 to 1921. His very active and untiring interest in the Society and in the science and art of Electrochemistry reflected itself in the rapid growth of the Society and of the electrochemical industry throughout the world. From the very start, Dr. Richards fostered the international spirit.

The Joseph W. Richards Memorial Lectureship was established in 1930 by a group of friends and admirers of Dr. Richards. The interest of the fund is used to meet the expenses incurred by inviting and entertaining distinguished scientists. See *Trans. Electrochem. Soc.* **57**, 30 (1930).

Book Prize to Young Authors

Francis Mills Turner offers an Annual Prize of Fifty Dollars in books to young authors of the Society. The prize is to be awarded to the young member under 30 years of age whose paper presented at the spring or fall convention of the Society of any year has been voted by the Publication Committee of the Society as an outstanding paper, contributing new knowledge along electrochemical lines. The prize is to be presented annually at the spring meeting of the Society in con-junction with the Annual Convention.

This Prize was gratefully accepted and officially adopted by the Board of Directors at its Nashville Meeting. See *Trans. Electrochem. Soc.* **81**, 3 (1942).

* See also pages xii and xiii of this volume.

MEETING PLACES

<i>Year</i>	<i>Spring</i>	<i>Fall</i>
1902	Philadelphia, Pa.	Niagara Falls, N. Y.
1903	New York City, N. Y.	Niagara Falls, N. Y.
1904	Washington, D. C.	St. Louis, Mo.
1905	Boston, Mass.	Bethlehem, Pa.
1906	Ithaca, N. Y.	New York City, N. Y.
1907	Philadelphia, Pa.	New York City, N. Y.
1908	Albany, N. Y.	New York City, N. Y.
1909	Niagara Falls, N. Y.	New York City, N. Y.
1910	Pittsburgh, Pa.	Chicago, Ill.
1911	New York City, N. Y.	Toronto, Canada
1912	Boston, Mass.	New York City, N. Y.
1913	Atlantic City, N. J.	Denver, Colo.
1914	New York City, N. Y.	Niagara Falls, N. Y.
1915	Atlantic City, N. J.	San Francisco, Calif.
1916	Washington, D. C.	New York City, N. Y.
1917	Detroit, Mich.	Pittsburgh, Pa.
1918	Appalachian South	Atlantic City, N. J.
1919	New York City, N. Y.	Chicago, Ill.
1920	Boston, Mass.	Cleveland, Ohio
1921	Atlantic City, N. J.	Lake Placid, N. Y.
1922	Baltimore, Md.	Montreal, Canada
1923	New York City, N. Y.	Dayton, Ohio
1924	Philadelphia, Pa.	Detroit, Mich.
1925	Niagara Falls, N. Y.	Chattanooga, Tenn.
1926	Chicago, Ill.	Washington, D. C.
1927	Philadelphia, Pa.	Northwestern Trip
1928	Bridgeport, Conn.	Charleston, W. Va.
1929	Toronto, Canada	Pittsburgh, Pa.
1930	St. Louis, Mo.	Detroit, Mich.
1931	Birmingham, Ala.	Salt Lake City, Utah
1932	Baltimore, Md.	Cleveland, Ohio
1933	Montreal, Canada	Chicago, Ill.
1934	Asheville, N. C.	New York City, N. Y.
1935	New Orleans, La.	Washington, D. C.
1936	Cincinnati, Ohio	Niagara Falls, Canada
1937	Philadelphia, Pa.	St. Louis, Mo.
1938	Savannah, Ga.	Rochester, N. Y.
1939	Columbus, Ohio	New York City, N. Y.
1940	Wernersville, Pa.	Ottawa, Canada
1941	Cleveland, Ohio	Chicago, Ill.
1942	Nashville, Tenn.	Detroit, Mich.
1943	Pittsburgh, Pa.	New York City, N. Y.

Address all Communications to the Secretary of the Society,
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U. S. A.

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EDGAR F. SMITH,* Philadelphia, Pa.....	Volume 35 (1919)
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THOMAS A. EDISON,* Orange, N. J.....	Volume 54 (1928)
W. LASH MILLER,* Toronto, Canada.....	Volume 55 (1929)
EDWARD DEAN ADAMS,* New York City.....	Volume 57 (1930)
CHARLES F. BURGESS, Chicago, Ill.....	Volume 62 (1932)
FREDERICK MARK BECKET, New York City.....	Volume 66 (1934)
L. H. BAEKELAND, New York City.....	Volume 69 (1936)
ROBERT A. WITHERSPOON, Montreal, Canada.....	Volume 78 (1940)
ARCHER E. WHEELER, New York City.....	Volume 80 (1941)

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Prize to Young Authors

- WILLIAM C. GARDINER—"Hydrolysis of Mercurous Sulfate by Cadmium Sulfate Solution in the Weston Normal Cell"; "Oxidation of the Depolarizer in Preparing Standard Cells"; "Crystalline Mercurous Sulfate and the Weston Normal Cell"—**56**, 111-59 (1929).
- DWIGHT K. ALPERN—"Engineering Development of Photovoltaic Cells"—**58**, 275-95 (1930).
- FRANK L. JONES—"Electrodeposition of Tungsten from Aqueous Solutions"—**59**, 461-81 (1931).
- F. W. GODSEY, JR.—"Alternating Current Capacities of Electrolytic Condensers"; and "Potential Gradients in Anodic Films"—**61**, 515-29, 549-59 (1932).
- B. L. BAILEY—"Hardness Values for Electrochemical Products"—**63**, 369-92 (1933).
- JOSEPH R. HEARD, JR.—"Electro-Organic Oxidations in Concentrated Aqueous Organic Salt Solutions" **65**, 301-25 (1934).
- UPTON B. THOMAS, JR.—"Electrochemical Behavior of Lead, Lead-Antimony and Lead-Calcium Alloys in Storage Cells"—**68**, 293-307 (1935).
- W. A. JOHNSON—"Studies of Overvoltage: Effect of Fusion of the Cathode and Effect of Temperature on Gas Polarization"—**70**, 259-74 (1936).
- R. SPENCER SOANES—"Potential Distribution in High Current Carbon Arcs in Air"—**72**, 281-90 (1937).
- N. B. NICHOLS—"The Cathode Ray Oscillograph Applied to the Dropping Mercury Electrode"—**73**, 193-206 (1938).
- G. A. MOORE—"Comportment of Palladium-Hydrogen System toward Alternating Electric Current"—**75**, 237-67 (1939).
- J. S. MACKAY—"Photoelectric Cells Sensitive to Long Wave Length Radiation: The Bismuth Sulfide Cell"—**77**, 299-327 (1940).
- EDWARD ADLER—"Photovoltaic Effect"; "Semi-Conductor Photocells and Rectifiers"—**79**, 367-375; 377-412 (1941).

ELECTROCHEMICAL SOCIETY AWARDS—Continued

Weston Fellowship Holders

- EDWARD B. SANIGAR—"The Titration of Potassium Cyanide and of Free Cyanide in Silver-Plating Solutions by means of Silver Nitrate"—**58**, 435-54 (1930); "Electrodeposition of Silver from Sulfate, Nitrate, Fluoborate and Fluoride Solutions"—**59**, 307-27 (1931).
- KARL SÖLLNER—"An Experimental Study of Negative Osmosis. Part I"; "Experimental Verification of a New Theory Concerning the Mechanism of Anomalous Osmosis. Part II"—**61**, 477-84, 487-96 (1932).
- MARLIN E. FOGLE—"A Study of Cuprous Oxide Solid Photoelectric Cells"—**66**, 271-319 (1934).
- ROBERT D. BLUE—"Electrodeposition of Aluminum from Non-Aqueous Solutions"—**65**, 339-52 (1934).
- PIERRE A. JACQUET—"Effect of Colloids on Electrodeposition"—**65**, 21 (1934).
- MYRON A. COLER—"Electrolytic Processes in the Magnetic Field"—**72**, 247-77 (1937).
- HENRY B. LINFORD—"The Effect of the Speed of Rotation on the Electrode Potentials of Copper and Zinc"—**72**, 461-69 (1937).
- GARTH L. PUTNAM—**71**, 26 (1937).
- VITTORIO DE NORA—**73**, 39 (1938).
- WALDEMAR P. RUEMMER—**75**, 52 (1939); **77**, 50 (1940).
- RODNEY E. BLACK—**79**, 44 (1941).
- WILLIAM E. ROAKE—**81**, 46-47 (1942).

Acheson Medal Awards

- EDWARD G. ACHESON*—Artificial Graphite and Carborundum—**56**, 7-9 (1929).
- EDWIN F. NORTHROP*—Induction Furnaces—**60**, 8-28 (1931).
- COLIN G. FINK—Electrochemistry—**64**, 2-6 (1933).
- FRANK J. TONE—Electrothermics—**68**, 2, 8-26 (1935).
- FREDERICK M. BECKET—Electrothermics, **72**, 3-24 (1937).
- FRANCIS C. FRARY—Electrometallurgy, **76**, 4-22 (1939).

Joseph W. Richards Memorial Lecturers

- JOHN A. MATHEWS,* Vice-President and Director of Research, Crucible Steel Company, New York City. "The Electric Furnace and the Alloy Age," **61**, 143-60 (1932).
- R. S. HUTTON, Goldsmiths' Professor of Metallurgy, University of Cambridge, England. "Faraday and His Electrochemical Researches," **64**, 13-30 (1933).
- W. S. LANDIS, Vice-President and Director, American Cyanamid Company, New York City. "Joseph W. Richards, The Teacher—The Industry," **66**, 6-12 (1934).
- KARL K. DARROW, Physicist, Bell Telephone Laboratories, New York City. "Electricity in Gases," **69**, 67-84 (1936).
- CHARLES H. HERTY,* Director, Herty Foundation Laboratory, Savannah, Georgia. "The Utilization of Southern Pine," **73**, 50-58 (1938).
- BRADLEY STOUGHTON, Dean of Engineering, Lehigh University, Bethlehem, Pa. "Modern Marvels of Electrometallurgy," **76**, 29-35 (1939).
- VLADIMIR K. ZWORYKIN, Associate Director of RCA Research Laboratories, Camden, N. J. "The Electron Microscope," **80**, 14 (1941).

* Deceased.

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