

The NUCLEUS

OF THE NORTHEASTERN SECTION OF THE AMERICAN CHEMICAL SOCIETY

Tour of Tufts University

October 10, 1957

Thursday, 5:00 p.m.

WILLARD F. LIBBY

Atomic Energy Commission

Washington, D.C.

"Use of Cosmic Ray and Bomb Tritium in Hydrology and Meteorology"

October 10, 1957

Thursday, 8:00 p.m.

PLACES OF MEETINGS

Dinner, 6:30 p.m.

in Alumnae Hall

Address in Cohen Auditorium

Tufts University, Medford, Massachusetts

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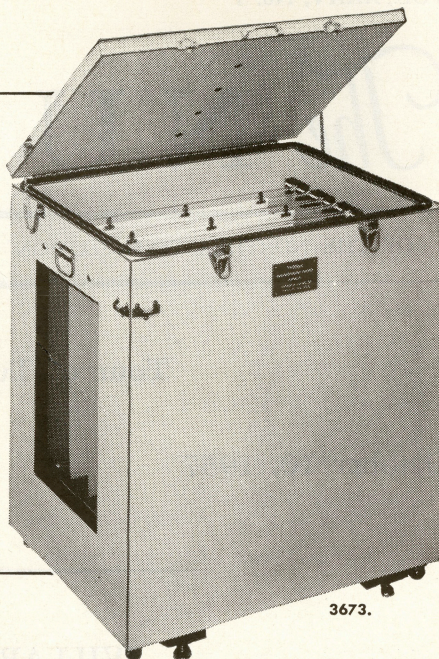
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of the
NORTHEASTERN SECTION A. C. S.

THURSDAY, OCTOBER 10, 1957

Tufts University
Medford, Massachusetts

AFTERNOON PROGRAM

- 5:00 p.m. Tour of the campus and laboratories
Starting place, Alumnae Hall
- 5:30 p.m. Preprandial Hour (reservations necessary)
in the lounge of Alumnae Hall
- 6:30 p.m. Dinner (reservations necessary) in Alumnae Hall

Price \$3.50 per person (tax incl.)

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or, after 2:30 p.m., Thursday, call UNiversity 4-6900, Extension 2961.

EVENING MEETING

In Cohen Auditorium, adjacent to Alumnae Hall

Lockhart B. Rogers, presiding

- 8:00 p.m. Willard F. Libby of the Atomic Energy Commission
"Use of Cosmic Ray and Bomb Tritium in Hydrology and
Meteorology"
- 9:15 p.m. Social Hour in Alumnae Lounge

Signing and mailing the dinner card or telephoning for reservations must be regarded as an obligation.

All interested are invited.

How to Reach Tufts, see page 24.

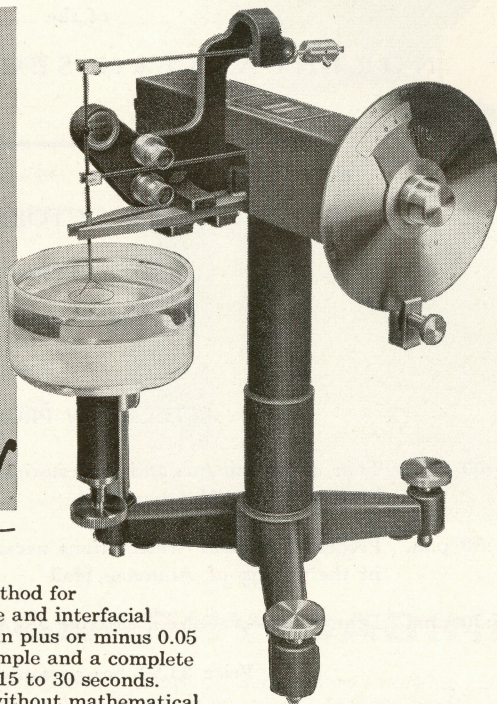
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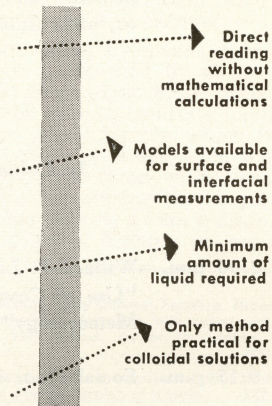
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The NUCLEUS

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Forms close for advertising on the 15th of the month and for text on the 12th of the month preceding issue.

Editorial

"ON THE HILL"

For a brief hour or two, on Thursday, October the tenth, 1957, members of the Northeastern Section of the American Chemical Society will have the pleasure of touching ground, so to speak, on the campus of Tufts University. Along with the true Tuftonians they will stand on "the Hill" and, as twilight gathers, catch glimpses of the distant lights of Boston. Perhaps they can sense a little of the devotion which alumni, students, trustees and faculty feel for their school.

The visitors will note the new buildings which attest, in fact, the modernity of this one-time college, now university, already in the second century of its service to the aspirations of youth and age, alike. The older chemical laboratory has closed its venerable doors in salute to the new and modern building which the chemists will visit. Alumnae Hall and Cohen Auditorium are likewise illuminated by the "Light on the Hill," figuratively an eternal lamp, set there by the interest of Charles Tufts and his wife Hannah, of Medford, Massachusetts. Their ideal, made concrete by an original gift of twenty acres of land on what was known as Walnut Hill, was greatly enhanced by later gifts of many more acres to the new college. The old country side, of the eighteen-fifties, has become ground, hallowed by the foot steps of a myriad of witnesses who obtained here the inspiration of noble ideas. Perhaps the chemists, in imagination could assemble on the War Memorial Steps and be permitted to intone the song, "Dear Alma Mater."



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OCTOBER SPEAKER



—Photo by Bachrach

WILLARD FRANK LIBBY

Willard Frank Libby was born in Grand Valley, Colorado, December 17, 1908, the son of Ore Edward and Eva May (Rivers) Libby. He attended grammar and high school near Santa Rosa, California, 1913-27. At the University of California, Berkeley, he received the B.S., 1931, and the Ph.D. in 1933. He is also recipient of

an Sc.D., Wesleyan University, 1955, and University of Dublin, 1957 (honoris causa).

He was appointed Instructor, Department of Chemistry, University of California in 1933, and during the next ten years was promoted successively to Assistant Professor and Associate Professor of Chemistry. In 1941 he was awarded a Guggenheim Memorial Foundation Fellowship, electing to work at Princeton University. On December 8, 1941, this Fellowship was interrupted for war work in the Manhattan District project at Columbia University. He was on leave from the Department of Chemistry, University of California, until 1945. At the end of the war, in 1945, he accepted the position of Professor of Chemistry, Department of Chemistry, Institute for Nuclear Studies (now Enrico Fermi Institute for Nuclear Studies) of The University of Chicago, remaining until appointment by President Eisenhower on October 1, 1954, as a Member of the U. S. Atomic Energy Commission. He was reappointed by The President to a five-year term on June 19, 1956.

Dr. Libby was consultant in radiochemistry with Standard Oil Development Company and has done a wide range of scientific advisory and tech-

(Please turn to next Page)

nical consultant work with industrial firms participating in the Institute for Nuclear Studies, as well as with defense agencies, scientific organizations, and universities. From 1945 to 1952 he was a member of the Atomic Energy Commission's Committee of Senior Reviewers. From 1950 to 1954 he served as a member of the General Advisory Committee to the Commission; Guggenheim Memorial Foundation Fellow, 1941 and 1951; continues to serve as an adviser on fellowships to the Guggenheim Foundation. He is a Research Associate of the Carnegie Institution of Washington.

Dr. Libby became well known at The University of Chicago for work on natural carbon-14 (radiocarbon) and natural tritium, and received the Research Corporation Award for 1951 for the radiocarbon dating technique. In 1954, he was awarded the Chandler Medal by Columbia University for outstanding achievement in the field of chemistry. He was the recipient of the 1956 American Chemical Society award for nuclear applications in chemistry.

He is author of the book, "Radiocarbon Dating", University of Chicago Press, 1952; 2nd Edition, 1955, and the author of numerous articles in scientific journals.

Dr. Libby holds memberships in the American Chemical Society, the American Physical Society, the American Association for the Advancement of Science, the National Academy of Sciences, American Philosophical Society, the American Academy of Arts and Sciences, Pi Mu Epsilon, Sigma Xi, Phi Beta Kappa, and the Alpha Chi Sigma. He is a member of the Cosmos Club of Washington, D. C.

He is married to the former Leonor Hickey, of Santa Barbara, California. Their twin daughters, Janet and Susan, were born in 1945.

of human betterment and even in this case the atom through isotopes and radiation furnishes valuable tools. If we treat the atom well and handle her wisely she can give us material benefits almost without end and the awful aspect of the warlike atom will be softened by the great power that she has brought us." Dr. Willard F. Libby, Commissioner, United States Atomic Energy Commission before Inter-American Symposium, Brookhaven National Laboratory, Upton, L. I., New York, May 13, 1957.

—A *Sama News Release*

ANALYTICAL GROUP

WILLIAM H. STAHL, Chairman, *Quartermaster Research and Development Center, Natick, Massachusetts*

FRANK O'HALLORAN, Secretary - Treasurer, *Water Laboratory, Commonwealth of Massachusetts, UN 4-6900, Ext. 306*

The first meeting will be held on Wednesday, October 16, 1957, in Room 2-131, M.I.T.

John Thomas Stock, of the University of Connecticut, will speak on

"Microchemical Apparatus"

Prior to the meeting there will be a dinner at 5:45 p.m. in the M.I.T. Faculty Club on the sixth floor of the Sloan Building at 50 Memorial Drive, Cambridge. Reservations may be made by telephoning Mr. Donald L. Guernsey, UN 4-6900, Ext. 3306.

All interested persons are invited.

ANALYTICAL SPEAKER

John Thomas Stock, the Analytical Group speaker for October, was born at Margate, Kent, England, January 26, 1911. Following the usual custom in Britain, all four of his degrees were won at the same university. Thus he holds two bachelor degrees in science followed by M.Sc. and Ph.D. in analytical chemistry from the University of London. He is a Fellow of the Royal Institute of Chemistry, Branch H Certificate — Analytical Chemistry.

(Please turn to Page 10)

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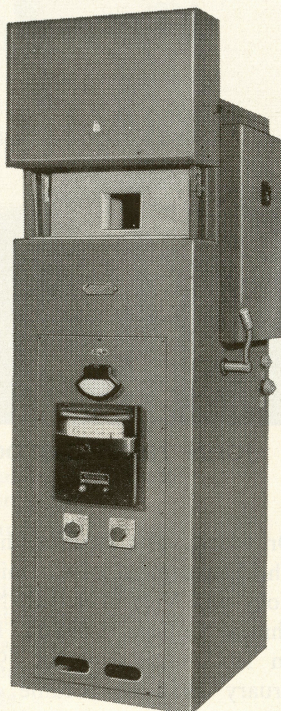
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ANALYTICAL SPEAKER

(Continued from Page 8)



JOHN THOMAS STOCK

Dr. Stock was a lecturer, then Head of the Department of Chemistry and Biology and Vice-Principal, Norwood Technical College, London, England, from 1946 until early in 1956. In February 1956 he became associate professor of chemistry in the University of Connecticut, the position he now holds. During 1954-1955 he was a London County Council Robert Blair Fellow, carrying out research in analytical chemistry at the University of Minnesota.

In England, Dr. Stock had about ten years of industrial experience including heavy engineering and foodstuffs. He devoted three years to the British Ministry of Supply on war time analytical and production problems concerning toxic materials, screening and signalling smokes, etc. He was consultant to several British firms before leaving for the United States.

Dr. Stock has published about twenty technical papers. He is the author of a considerable number of notes in the general fields of analytical chemistry and the design of apparatus. He is also the joint author of three books dealing with chemical analysis.

Professor Stock is a member of the American Chemical Society, the Society for Analytical Chemistry and the Society of Chemical Industry. He is a Fellow of the Institute of Chemistry and of the Chemical Society of London. He holds membership in the Society of the Sigma Xi.

With their ten-year-old daughter, Dr. and Mrs. Stock make their home in Storrs, Connecticut.

NEWS ITEMS FROM ANALYTICAL GROUP

The Executive Committee held a special meeting with the Nominating Committee in August to deal with the emergency created by the resignation of the Analytical Group Chairman, Dr. William H. Stahl. Dr. Stahl is leaving the New England area to take a position with the McCormick Spice Co. The Executive Committee made the following appointments to be presented to the Group for confirmation at the scheduled October meeting:

President: Frank O'Halloran, Water Laboratory, Department of Public Health, Commonwealth of Massachusetts.

Secretary - Treasurer: Russell T. Werby, Werby Laboratories.

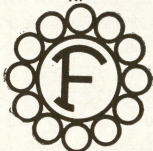
Executive Committee: Warren Sasaman, Quartermaster Research and Development Center.

ELASTOMER & PLASTICS GROUP

JOHN B. GREGORY, Chairman, Frederick S. Bacon Laboratories, Watertown 4-500
MAX TAITEL, Chairman-elect, UBS Chemical Corporation, UNiversity 4-7300

The first fall meeting of the group will be held at 8:00 p.m. on Tuesday, October 15, 1957, in the Morse Auditorium of the Science Park Museum at the Charles River Dam Bridge, Boston 14, Massachusetts. The meeting will be preceded by a preprandial hour at 6:00 p.m. in the Morse Auditorium. (Optional at \$1.00 but res-

(Please turn to Page 12)



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ELASTOMER & PLASTICS GROUP

(Continued from Page 10)

ervations necessary). At 6:45 p.m. a roast tenderloin of beef dinner will be served in the auditorium, cost \$3.00. Reservations, necessary, may be made by mail to Joseph M. Donahue, Goodyear Tire and Rubber Company, Chemical Division, 66 B Street, Needham Heights 94, Massachusetts (telephone NEedham 3-5850), not later than 10:00 a.m., Monday, October 14, 1957.

The annual meeting, with election of officers, will be held at 8:00 p.m. It will precede the address of the evening. The officers to be elected are Chairman-Elect, Secretary, Treasurer, Chairman of the Hospitality Committee, Custodian and Executive Committee. Two technical changes in the By-Laws will be voted on.

Dr. Lester A. Brooks, of the R. T. Vanderbilt Company, will speak on

"The Chemistry and Applications of Rubber Chemicals"

Rubber chemicals include some that are specific for that industry and many others used extensively in other fields. Dr. Brooks will discuss both their use in rubber and various other applications.

All interested persons are welcome to the dinner and the meeting.

ELASTOMER & PLASTICS GROUP SPEAKER

LESTER A. BROOKS

Lester Allen Brooks was born in Boston, Massachusetts, May 20, 1914. After receiving the S.B. degree in chemical engineering from the Massachusetts Institute of Technology in 1935, he was employed as a research chemist at the Hooker Electrochemical Company of Niagara Falls, New York. He then spent four years at the University of Illinois where he received the Ph.D. degree in organic chemistry in 1941. From 1941 through 1944, he was director of or-

ganic chemistry research for the Sprague Electric Company of Boston, Massachusetts. Since 1944 he has served as a research chemist with the R. T. Vanderbilt Company of East Norwalk, Connecticut.

Dr. Brooks' researches include investigations of dielectrics, fungicides, rubber and leather chemicals and plastics.

BOSTON SECTION OF THE ELECTROCHEMICAL SOCIETY

The first meeting of the Boston Section of the Electrochemical Society will be held on Monday, October 21, 1957, in the Officers Club of the Watertown Arsenal. Enter through the main Gate on Arsenal Street, Watertown. Dr. Ben Allen of the Corning Glass Works, Corning, New York, will speak at 8:00 p.m. on

"Pyroceram"

Dr. Allen will bring his audience up to date on this new type of glass, said to be harder than steel, lighter than aluminum and 15 times stronger than plate glass.

A dinner at 6:30 p.m., in the Officers Club, will be preceded by a preprandial hour at 5:45 p.m. Reservations for the dinner may be made by writing to Dr. Worden Waring at 8 Spruce Park, Wellesley Hills, Boston 82, Massachusetts, or by telephoning him at BI gelow 4-7500, Ext. 431. The cost of the dinner will be \$3.00.

All interested persons are invited.

ELECTROCHEMICAL SOCIETY SPEAKER BEN ALLEN

Ben Allen, the October speaker before the October meeting of the Boston Section of the Electrochemical Society, was born in Courtland, New York, on January 20, 1925. He received his A.B. degree from Cornell in 1946. Continuing at Cornell he completed studies for the doctorate in in-

(Please turn to Page 29)

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NORTHEASTERN SECTION TELEVISION PROGRAM

A monthly TV presentation by the Northeastern Section over WBZ-TV, Channel 4, began on Sunday, February 24, 1957, at 9:30 p.m. It is part of the hour long program "Dimensions." Dr. Bernard Vonnegut of Arthur D. Little, Inc., the first speaker, explained "Rain Making."

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MEETING OF THE DIRECTORS

The annual meeting of the Directors was held at 4:00 P.M., on July 17, 1957, in the Moore Room at M.I.T., Chairman Edward R. Atkinson presiding. The following were present: Avery A. Ashdown, Ernest C. Crocker, Arno H. A. Heyn, Henry A. Hill, David M. Howell, Lloyd H. Perry, Arnet L. Powell, Ridgley G. Shepherd, Jr., Martha B. Thomas and John A. Timm. The minutes of the May meeting were accepted.

Mrs. Martha B. Thomas presented reports of the Treasurer and Chairman of the Budget Committee. The Section received \$766.95 more than anticipated in the budget and spent \$946.00 less than planned. It started the fiscal year with a balance of \$3,579.05. Total operating expenses were \$4,524.98. The Directors formally expressed appreciation to Mrs. Thomas for her contributions to the Section for the last several years.

On a motion duly made and seconded, it was

VOTED: That the Treasurer be authorized to spend up to \$200 during the summer months, any part thereof chargeable to the next year's budget.

The report of the Auditor was given by Henry A. Hill. Upon examination of the records of the Treasurer and the Section's four trust funds, vouchers were found for all bills paid and receipts found for all deposits. The checkbooks and last bank statements were in balance. The records of the business management of THE NUCLEUS were found to be in good order. The report was accepted.

Avery A. Ashdown gave the report of the Editor of THE NUCLEUS. The 1956-1957 volume had a total of 236 pages which is 24 more than the previous year. Advertising and income

have held up. The report was accepted and the appreciation of the Directors was expressed.

There was no report from the Board of Publications.

The Directors voted and approved the appointments of Avery A. Ashdown as Editor and Allen D. Bliss as Business Manager and Treasurer of THE NUCLEUS for the 1957-1958 season.

Arno H. A. Heyn summarized the activities of the Membership Committee. As of July 1, 1957, 100 new members have joined the Section, bringing the total membership to 2,364, including 27 emeriti members.

The number of associate members has remained at 6. Due to the load of secretarial work of keeping the membership files up to date and the fact that a membership campaign was held in the previous year, no new drive was initiated this year. A suggestion was made to the incoming Chairman that secretarial assistance be obtained to handle membership and various other committee details.

A report from the Public Relations Committee summarizing radio, television and publicity activities was given by Arnet L. Powell.

There was no report from the Committee on Chemistry Education.

David M. Howell submitted a report defining the functions of the Hospitality Committee and summarized attendance data and the financial activities of the various sub-committees. The report was accepted.

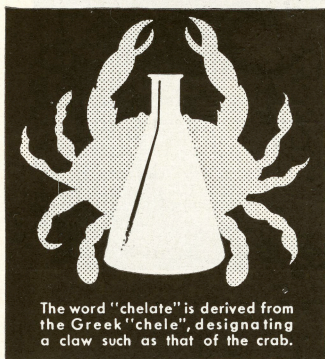
On a motion duly made and seconded, it was

VOTED: that a sum of \$100.00 be made available from the income account of the Norris Fund for the Norris Award Committee for general expenses in connection with the selection of a recipient for the forthcoming award.

VOTED: that the Board of Trustees be authorized to make available the sum of \$100.00 from the income account of the Norris Fund for general expenses in connection with the selection of a recipient for the forthcoming award.

(Please turn to Page 21)

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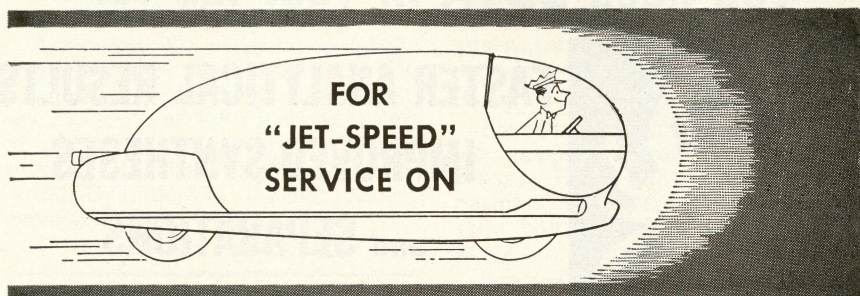
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LOCKHART BURGESS ROGERS

Chairman of the Northeastern Section, 1957-1958

LOCKHART BURGESS ROGERS

Chairman of the Northeastern Section, 1957-1958

Lockhart Burgess Rogers, chairman of the Northeastern Section, 1957 to 1958, was born in Manchester, Connecticut, on the sixteenth of July 1917 when our country was girding itself for its part in the world war of those days. This city, situated a few miles east of Hartford, now grown to a city of 30,000 people, had about it the pleasantness of a country town, forty years ago.

Manchester High School was fortunate in having on its staff Charles Wigren, a Wesleyan graduate, who was both an effective mathematics teacher and a very skillful athletic coach. This circumstance turned out to be very lucky for Lockhart. In addition to showing excellence in his academic studies, he was to become a star in track events. His development as an athlete was encouraged and aided every step of the way by Charles Wigren. In 1934, during high school years, he became the Connecticut broad jump champion. That same year he shared the doubles title in tennis for the Central Connecticut Interscholastic League. The next year, 1935, his senior high school year, he was runner-up in the Manchester singles title in tennis.

At Wesleyan University, in Middletown, fifteen miles southward from Manchester, he held the college broad jump record. In 1941 while in the graduate school of Princeton, he won the National Indoor Broad Jump title of the AAU (Amateur Athlete Union), at a regular meet in Madison Square Garden, New York. The years at Oak Ridge National Laboratory, 1946-1948, saw him competing on the town tennis team and on the laboratory team.

Leaving Wesleyan University in 1939, he entered the graduate school in Princeton. Here he won the master's degree in 1940 and the doctorate in chemistry in 1942.

His first position was that of an instructor in Stanford University in 1942. The next year he was advanced to the rank of an assistant professor. War duties took much of his time after 1941. He was a consultant and an associate instructor in the War Department Civilian Protection School, 1942-1943. At Newark, New Jersey, he was an instructor in ESMWT (Engineering Science Management War Training Program) courses, in 1941 and at San Francisco in 1945. He served, also, as a research associate, half time, 1944 to 1945, with NDRC (National Defense Research Committee), working on jellied gasoline, under the direction of Professor James W. McBain at Stanford University.

With the war ended he became a Group Leader in Long-Range Research in Analytical Chemistry at the Oak Ridge National Laboratory. Here he remained for two years, until he received an appointment as an assistant professor of analytical chemistry in the Massachusetts Institute of Technology in 1948. When he arrived at M.I.T., thirty-one years of age, he looked every bit fit to compete again in the broad jump or in tennis or to take a ski slope with ease. In fact he still retains his athletic figure. He became an associate professor in 1951. He was a consultant for the Argonne National Laboratory, 1949-1950. He has been performing the same service for the Oak Ridge National Laboratory since 1949. In 1954 he was chairman of the Gordon Conference on Analytical Chemistry. Since 1953 he has served on the Advisory Committee for the Chemistry Department at Princeton University. For this year, 1957-1958, Professor Rogers is chairman of the Massachusetts Science Talent Search Committee.

Dr. Rogers is a member of the American Association for the Advancement of Science, the American Chemical Society, the Electrochemical Society (editor for the Division of Theoretical Chemistry, 1951-1953, vice chairman of the Boston Section, 1956, chairman, 1957), the American Institute of Chemists and the American Academy of Arts and Science. In the Northeastern Section of

(Please turn to Page 21)



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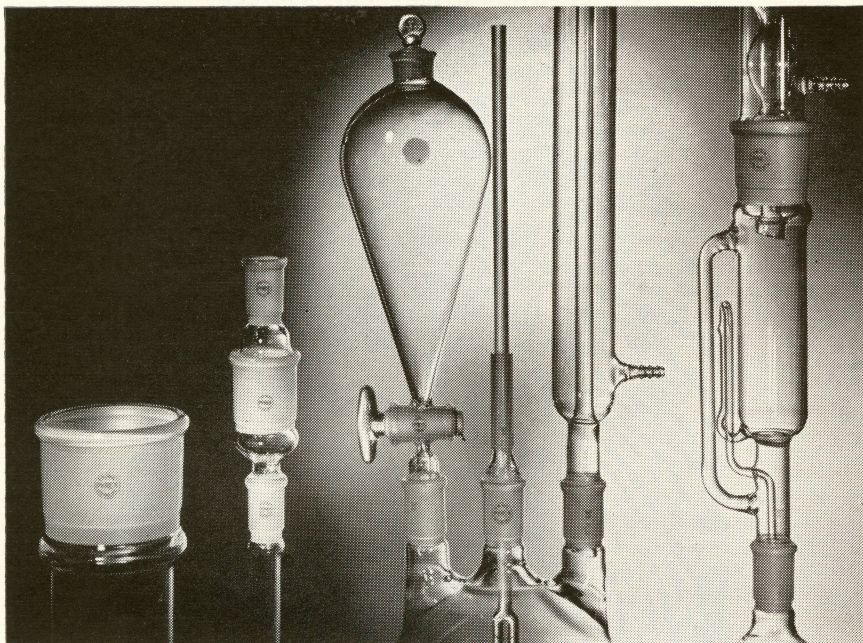
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LOCKHART BURGESS ROGERS

(Continued from Page 18)

the ACS he has held many positions. He was chairman of the Analytical Group of the Northeastern Section, 1950-1951, a national councilor, 1953 to the present, chairman-elect and chairman of the Program Committee, 1956-1957. In the national organization, Dr. Rogers served as a member of the Local Sections Activity Committee in 1954 and on the Advisory Committee for the Analytical Division, 1953-1954.

Professor Rogers holds membership in several of the professional and honorary societies. These organizations include Alpha Chi Sigma, Phi Beta Kappa, Phi Lambda Upsilon and Sigma Xi. He was treasurer of the M.I.T. chapter of Sigma Xi, 1952-1953. He retained membership in Kiwanis in Cambridge for a year when inability to attend luncheon meetings caused him to resign.

Professor Rogers professional interests are chiefly in Analytical Chemistry — in the present-day developments of Instrumental Analysis. His researches have been in trace analysis by polarography, coulometry, fluorimetry and separations, particularly by electro deposition. He has published about sixty technical papers.

In 1952, Dr. Rogers was married to Eleanor Greene Smith. With their twin children, Eleanor and Winslow, they make their home in Belmont, Massachusetts.

DIRECTORS MEETING

(Continued from Page 14)

The annual report of the Board of Trustees was read by Ernest C. Crocker. As of June 27, 1957, the assets of the four funds had a market value of \$165,633.00. The income account had a book value of \$11,126.59 with a market value of \$12,362.00. The report was accepted.

Avery A. Ashdown reported that 2,388 questionnaire cards had been sent out for the new directory. Replies were still to be received from more than 600 members.

Chairman Edward R. Atkinson closed the meeting with words of appreciation to the committee members who had assisted in carrying out the Section's activities during the year. A bound copy of Volume 34 of THE NUCLEUS was presented to Chairman Atkinson by Avery A. Ashdown.

There being no further business, the meeting was adjourned at 5:15 P.M.

RIDGLEY G. SHEPHERD, JR.,
Secretary of the Northeastern Section

COMMITTEES FOR 1957-1958 NORTHEASTERN SECTION AMERICAN CHEMICAL SOCIETY

STANDING COMMITTEES

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(Tufts) — PR 6-2100

Program Committee

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Budget Committee

Lloyd H. Perry, Chairman
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UN 4-7300

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(Please turn to Page 23)

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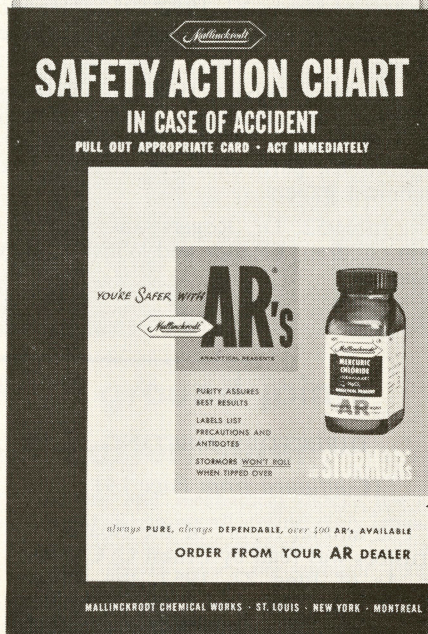
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COMMITTEES FOR 1957-1958
NORTHEASTERN SECTION
AMERICAN CHEMICAL SOCIETY

(Continued from Page 21)

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(M.I.T.)—UN 4-6900
C. Richard Morgan
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**Committee on Amendments to the
Constitution and By-Laws**

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(Responsible to the Nominating
Committee)

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Richards Medal Committee

Members elected by the section

	Term expires July 1
Paul D. Bartlett, Harvard	1959
John C. Sheehan, M.I.T.	1959
Paul M. Doty, Harvard	1961
Richard C. Lord, M.I.T.	1961

Norris Award Committee

Members elected by the section

	Term expires July 1
James J. Lingane, Harvard	1960
Eugene G. Rochow, Harvard	1960
John A. Timm, Simmons	1958
Avery A. Ashdown, M.I.T.	1958



JOSEPH R. MINEVITCH

Joseph R. Minevitch, 65, President of J. R. Minevitch and Associates, Inc., died of a heart attack at his home on July 3, 1957. He came to this country in 1906 from Russia and was educated at Massachusetts Institute of Technology and Tufts University. He was a member of the Class of 1916 at M.I.T.

In the years immediately after completing his formal education, he had occupied technical positions with various dyestuff and chemical companies. In this formative era of that branch of the chemical industry, he was responsible for many technological advances in the fields of dyestuffs, intermediates and other organic chemicals. In 1928, he joined the staff of E. B. Badger and Sons Co. He was associated with Badger and its successor, Stone & Webster Engineering Corporation, until 1955, when he entered private practice as Chemical Engineer and Consultant. Early this year, J. R. Minevitch and Associates, Inc. was formed, with Mr. Minevitch as President, to take over the work of his private practice and to enable him to serve better the expanding needs of his clients.

He was best known for the industrial application and extension to plant design of the basic chemical engineering principles. He was responsible for conceiving the processing schemes, as well as for the design, of many successful chemical plants. Much of his work was unique and a number of the plants with which he is identified are the first of their kind. He was a recognized authority on industrial distillation practices and on the processing of little-known, unusual materials. Many companies in this country and abroad have in operation today chemical plants which he designed.

In World War II, he served as a consultant to the Chemical Division, War Production Board, and recently served on the Industrial and Engineering Chemistry Advisory Board. He was a member of the Chemists' Club of New York, and of the following professional organizations: American Chemical Society — since 1926; American Institute of Chemical Engineers — since 1937; Society of Chemical Industry (American Section); American Institute of Chemists — charter member; American Association for the Advancement of Science — since 1941; National Society of Professional Engineers.

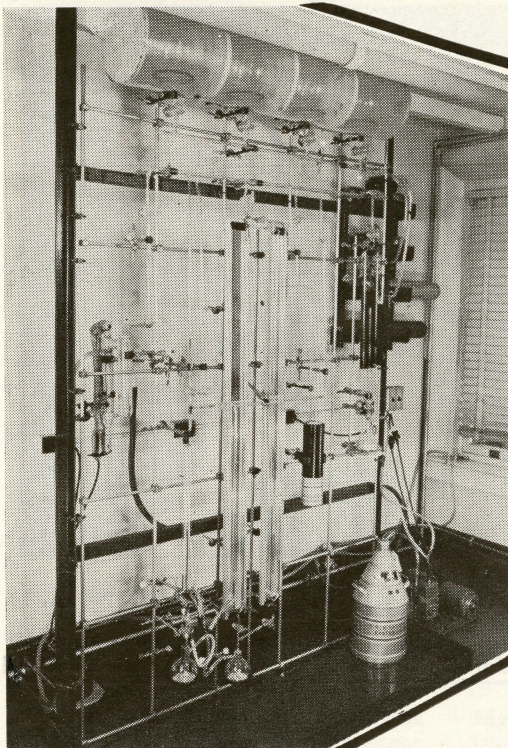
He is survived by his wife, Anna, a daughter, Mrs. Lisa M. Finney of the Hague, Netherlands, and five sisters. Last rites for Mr. Minevitch were held in New York City on July 7, 1957.

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When traveling by the MTA, at Lechmere board either an Arlington Center bus or a North Street bus. Either bus runs directly to Tufts.

If coming by the MTA, allow 30 to 40 minutes from Lechmere.



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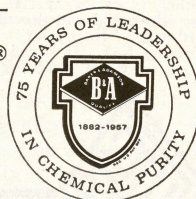
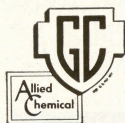
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Recently . . .

National Polychemicals, Inc.

National Polychemicals, Inc., Wilmington, Mass., announces the appointment of Joseph P. Flannery as Sales Manager. He had been associated with the firm as Administrative Assistant. Prior to joining National Polychemicals, Mr. Flannery had been with the Kendall Company and Monsanto Chemical Company. He is a graduate of Lowell Technological Institute and Harvard Business School.

Jean H. Nesbit, special sales representative for National Polychemicals, has been named Midwestern District Manager with headquarters in Buffalo, New York. Mr. Nesbit, widely known throughout the rubber industry, came out of retirement to join the firm several years ago. At one time he was President of U. S. Rubber Reclaiming Company, and head of the Rubber Reclaimers Association.

Hugh W. Gillon, Jr., has been appointed sales representative in the Midwestern territory. He comes to National Polychemicals from the Castle Rubber Company where he served as rubber chemist. Mr. Gillon received his education at Geneva College and the University of Pittsburgh.

Charles B. Riley, Jr., has joined the firm's technical staff as chemist. A graduate of Lowell Technological Institute, he came to National Polychemicals directly from the United States Air Force where he served as a base disposal officer. Robert F. Gosse-
lin, who recently graduated from the University of New Hampshire, has been named Administrative Assistant.

sition, has announced completion of arrangements to have the big chemical show during the same week as the 134th national meeting of the American Chemical Society in Chicago.

The major portion of the Exposition will be housed in the air-conditioned building of the Amphitheater, with some displays in the new exhibit hall area. Ample parking space is available on the adjoining grounds, and special chartered busses will be provided to carry ACS registrants between the meeting rooms and the hall.

The concurrence of the two events will make Chicago the temporary capitol of the chemical world. Every one, from research through development, production, engineering, and marketing will find the combination of technical sessions and live exhibits an unusual opportunity to bring himself up to date on the newest ideas and equipment in all phases of the industry.

A working Committee has been appointed to plan the various features of the Exposition, including the famous Trail Blazers, Art, Photographic, and other special exhibits. Floor plans and a prospectus will be ready for distribution soon from the office of the Chicago Section ACS, 86 E. Randolph Street, Chicago 1, Illinois.

N.E.A.C.T.

The N.E.A.C.T. summer conference, held at Colby College, Waterville, Maine, was attended by 253 people. Twenty-one were helped, with much appreciation, by various scholarships. The Northeastern Section can take pride in the three Lyman Churchill Newell Grants which it made available. The New Hampshire Committee on Mathematics and Science Awards granted fifteen scholarships. Others came from Connecticut, New York State and Maine.

The awardees of the Newell grant were all able to attend. Their names are repeated here:

Samuel Greenwald, Holten High School, Danvers, Mass.

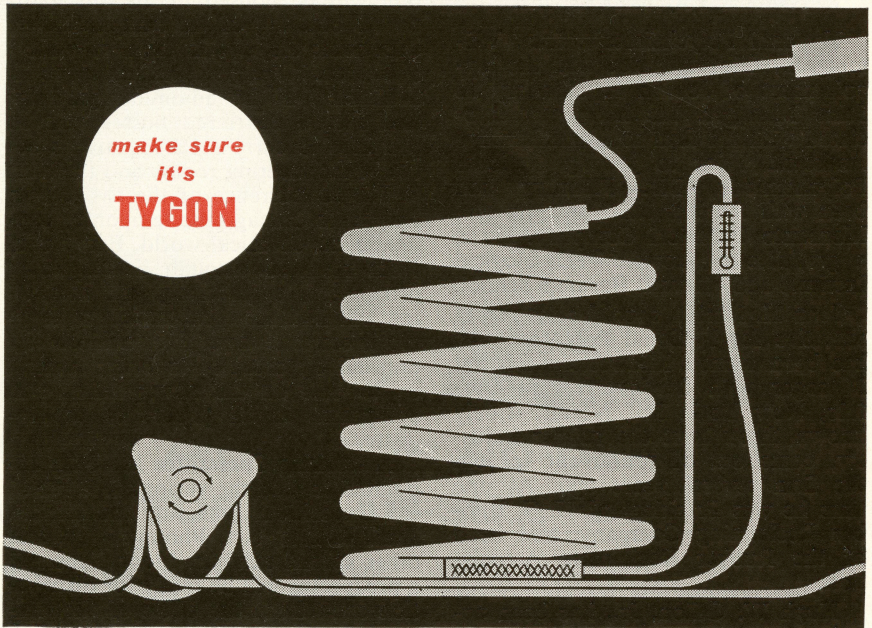
Charles R. Jingoian, Needham High School, Needham, Mass.

Edward Miley, Pepperell High School, Pepperell, Mass.

1958 CHICAGO CHEMICAL SHOW

The 10th National Chemical Exposition, sponsored by the Chicago Section of the American Chemical Society, will be held in the International Amphitheater in Chicago, September 9 through 12, 1958. Robert J. Reinarts, Chairman of the Expo-

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**ELECTROCHEMICAL SOCIETY
SPEAKER
BEN ALLEN**

(Continued from Page 12)

organic and physical chemistry in 1950. Since that time he has held a position as Research Associate studying Melting Research with the Corning Glass Works. He joined the American Chemical Society in 1949. He is a member of the Ceramic Society and of the Society of Glass Technologists.

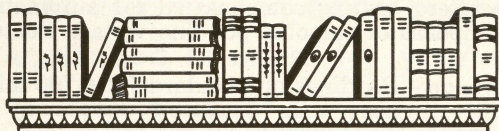
Dr. Allen's researches have dealt mainly with the melting of glass batches and with analytical methods.

**NORTHEASTERN SECTION
TELEVISION PROGRAM**

The Northeastern Section is sponsoring a series of television programs aimed at bringing before the public

the broad field of chemistry and its varied applications in industry. Station WBZ-TV, Channel 4, has been kind enough to donate the bulk of a half-hour educational program for this purpose. The Northeastern Section program appears on the last Sunday of each month at 9:30 A.M.; it is part of the series known as "Dimensions". The October program will be presented by the Dewey and Almy Chemical Company. The Public Relations Committee will welcome offers by industrial, government and university laboratories for participation in this series. Please communicate with Dr. Arnet L. Powell, Office of Naval Research, Boston Branch Office, 495 Summer Street, Boston 10, Massachusetts.

Professor Eugene G. Rochow of Harvard will present his well-known lecture on Silicones and silicone chemistry on Sunday, September 29, 1957.



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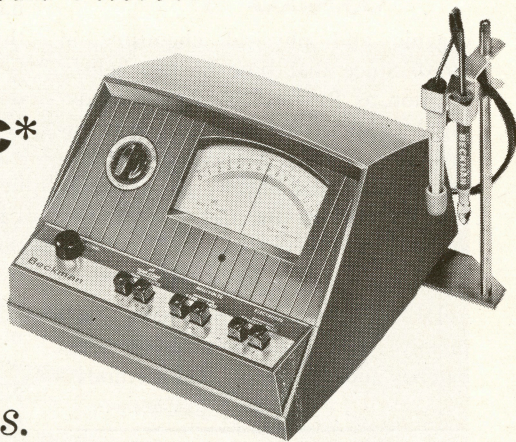
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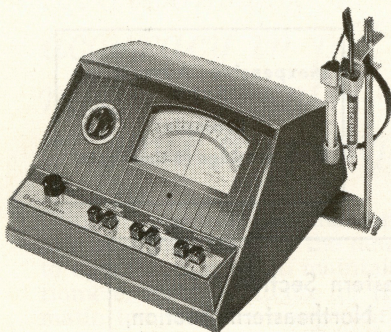
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