

JOURNAL
OF THE
SOCIETY
OF
WOMEN ENGINEERS



CONVENTION NOTES
THE IMPORTANCE OF GRADUATE TRAINING BEYOND THE BACCALAURATE DEGREE
IN THE PROFESSIONAL WORLD

Mrs. Dorothy S. Potts, Moderator
Dr. H. J. Masson

Miss Marian O'Sullivan
Miss Mary Louise Pottle
Dr. Cornelia Snell

Mrs. Dorothy S. Potts, President of Radio Magazines, Inc., moderator, introduced the subject by citing that the number of bachelor degrees awarded annually in this country has risen over 500% since 1920, as against a 50% increase in population during the same period. "This no longer makes the college graduate the impressive figure he was in 1920," Mrs. Potts continued. "The man to be reckoned with now, is the one with the graduate degree. Thirty years ago, outside the educational field, these degrees were practically unknown. Today, they are everywhere. This country, which is always making two blades of grass grow where one grew before, has succeeded within this period, in making six doctors and ten masters grow where one grew before." Mrs. Potts opened for discussion the question of whether the time, money and enormous energy necessary to obtain these degrees were well spent.

Dr. H. J. Masson, Assistant Dean of the Graduate Division of New York University, College of Engineering, discussed the problem from an educator's point of view. "The field of engineering," he said, "has been expanding both in coverage and depth of treatment, so that today the term 'technology' would be more descriptive than engineering. As a result, many topics are deleted or only incompletely treated in the undergraduate curriculum due to the lack of time or inadequate background.

Experience has shown that in certain activities, women have superior aptitudes. One of these is in the field of research. However, to qualify for desirable positions where these aptitudes find their best application, graduate study is increasingly necessary."

On the other hand, Miss Marian O'Sullivan, of the Personnel Department of Western Electric Company, expressed the opinion that, while a graduate degree may be desirable, it is not necessary in the field of production engineering. "The graduate program may give prestige to an individual," said Miss O'Sullivan, "but additional pertinent courses in a specific field may be more advantageous."

Miss Mary Louise Pottle, Sales Engineer with Allis Chalmers Manufacturing Company, Boston District, agreed, "In sales engineering, a general engineering background is necessary, but additional study in business administration and English composition might be more valuable than advanced engineering training.

Dr. Cornelia Snell, member of Foster D. Snell, Inc., Consulting Chemists-Engineers, was in favor of graduate study to enable a woman to specialize in a particular field and gain experience in research, before entering the engineering profession.

The establishment of a new engineering award was announced by Miss Beatrice A. Hicks, President of the Society, at the Third Annual Convention.

The award will be made annually to a woman in recognition of her significant contribution to engineering. It is intended to encourage women in their professional work and education. The first award will be made in 1952.

The honor will be conferred on a person in the field of engineering design, research, education, or administration. Nominations for the award will be accepted from Society members or from non-members familiar with the field.

Miss Elsie Eaves and Miss Stella Lawrence are in charge of this Committee.

IN MEMORIAM

Mrs. Henrietta Wolf Bernhard, a charter member of the Society of Women Engineers, died on February 6, 1951, in the wreck of the Pennsylvania Railroad's "Broker" at Woodbridge, New Jersey.

Mrs. Bernhard, a graduate of Newark College of Engineering, was one of the first women in New Jersey to be awarded a degree in Civil Engineering. She was employed by the New Jersey Turnpike Commission doing construction engineering.

NOTES OF MEMBERS

MISS MATILDA GOERTZ SPEAKS

On February 1-3, 1951, the American Physical Society held its Annual Meeting at Columbia University in New York. Session X, held on Saturday afternoon, was of special interest to members of the Society of Women Engineers.

The general subject of this session was Metals. However, the paper which proved most interesting was one entitled "Heat Treatment of Iron-Silicon Alloys in a Magnetic Field." This paper was presented by one of the Charter Members of our Society, Miss Matilda Goertz.

"In an investigation of the magnetic properties of iron-silicon alloys," Miss Goertz's paper states, "it has been found that heat treatment in a magnetic field is effective for alloys containing between two and ten percent silicon."

DR. LILLIAN GILBRETH HONORARY MEMBER

Dr. Lillian M. Gilbreth, prominent woman engineer and an authority on time and motion study has accepted Honorary Membership in the Society of Women Engineers.

"I appreciate the honor and I hope that I may be a useful member of the Society," said Dr. Gilbreth in her letter of acceptance.

MISS MARY LOUISE POTTLE, PRESIDENT OF NEW ENGLAND DISTRICT

Miss Mary Louise Pottle of Boston has been elected President of the New England District at the organizational meeting on February 19, 1951.

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VOLUME 2 NUMBER 1

SEPTEMBER 1951

ACTIVITIES OF THE SECTIONS

NEW ENGLAND SECTION

The New England Section announces the following results of the election of officers for the year 1951-52:

Chairman - Miss Mary Pottle

Allis Chalmers Manufacturing Company
Boston, Mass.

Vice-Chairman - Miss Isabelle French

Sylvania Electric Products, Inc.
Boston, Mass.

Secretary-Treasurer - Miss Margaret Ross

Sylvania Electric Products, Inc.
Boston, Mass.

Program Chairman - Miss Isabelle French

Membership Chairman - Mrs. Barbara Cain

Jackson and Moreland
Boston, Mass.

Representatives on the Board of Directors:

Mrs. Barbara Cain
Miss Margaret Ross
Miss Janet Tillotson

CONCERT EVENING

One of the social events enjoyed by the New England Section was an evening at the Symphony Hall in Boston. On June 25, 1951 the members of this Section attended the Boston Pops Concert. Also present were the Engineering Societies of New England and the Massachusetts Society of Professional Engineers.

PITTSBURGH SECTION

On July 20, 1951 the Pittsburgh members of the Society met at the home of Mrs. Phyllis Evans Miller where they drew up a petition to the Board of Directors requesting a Charter. This petition was signed by all members in the western Pennsylvania and Ohio Area.

At the Board of Directors' meeting on July 23, a Charter was awarded to this group and a Pittsburgh Section of the Society of Women Engineers was formed.

The officers elected for the 1951-52 year are:

Chairman - Miss Betty Rider, BS in Physics

Westinghouse Electric Co.
East Pittsburgh, Pa.

Vice-Chairman - Mrs. Mardell Boyles, BS in IE

Management Consultant
Pittsburgh, Pa.

Secretary - Miss Sara-ann Lance, BS in CE

Peth and Reed
Pittsburgh, Pa.

Treasurer - Mrs. Patricia W. Boulton, BS in IE

Edgewater Steel Co.
Oakmont, Pa.

Representatives on the Board of Directors:

Miss Emma Barth, BS in E
Westinghouse Electric Co.
East Pittsburgh, Pa.

Miss Margaret Haden, BSEE
Pennsylvania Electric Co.
Johnstown, Pa.

NEW MEMBERS

FULL MEMBERS

MISS EMMA BARTH, BSME, BA, MA
Pittsburgh, Pa.

MRS. PATRICIA W. BOULTON, BSIE
Oakmont, Pa.

MRS. MARDELL BOYLES, BSIE
Pittsburgh, Pa.

MISS MARJORIE CUMMINGS, BEE
Schenectady, N. Y.

MISS MARGIT DIETZIES
Audubon, N. J.

MISS ANITA FRIEDMAN, BEE
New York, N. Y.

MISS JESSIE FERGUSON, BSCE
Washington, D. C.

MISS ISABELLE FRENCH, BSRE
Swampscott, Mass.

MISS LOIS GILDERSLEEVE, BME
Bridgeport, Conn.

MISS MARGARET P. HADEN, BSEE
Ebensburg, Pa.

MISS MARY LOUISE POTTLE, BME
Weymouth, Mass.

MISS BETTY RIDER, BS
Pittsburgh, Pa.

MISS MARGARET ROSS, BA
Boston, Mass.

MRS. INNA ROSTFIELD
New York, N. Y.

MISS KATHARINE STINSON, BME
Chevy Chase, Md.

ASSOCIATE MEMBERS:

MRS. MARGARET L. McCORMAC
Pittsburgh, Pa.

MISS CONSTANCE LINGENFELTER, BA
Seneca Falls, N. Y.

MISS ISABELL STEWARD
Pittsburgh, Pa.

MRS. AGNES THOMAS, BA
Pittsburgh, Pa.

MISS LORRAINE E. THOMPSON
Pittsburgh, Pa.

STUDENT MEMBERS:

MISS JEAN CARNAHAN
Yonkers, N. Y.

MISS MARY PURVIS
Hillside, N. J.

MRS. ELIZABETH PERRY
New Providence, N. J.

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VOLUME 2 NUMBER 2

JANUARY 1952

NEW MEMBERS

FULL MEMBERS

MISS BETTY LOU BAILEY
Bloomfield Hills, Mich.
Design Eng.
Lockland Ohio Works

MISS STEPHANIE A. BALIK
Pittsburgh, Pa.
Jr. Engr.
Western Electric Co.

MISS MARTHA J. BERGIN
Boston, Mass.
Chemist
Sylvania Elec. Prod., Inc.

MISS PATRICIA LYNN BROWN
Detroit, Mich.
Research Ass.
Ethyl Corp.

MRS. F. JEANNETTE CALLAHAN
Falls Church, Va.
Cartographic Engr.
R.E.A.

MISS RACHEL M. GOETCHIUS
Quincy, Mass.
Liason Offr.
Richmond & Goldberg

MRS. MARGARET F. G. LAWRENCE
Chicago, Ill.

MISS JEANNE L. HILLMAN
Brookline, Mass.
Research Chem.
Lever Bros.

MISS VIRGINIA J. MAWICKE
Cincinnati, Ohio
Engr.
General Electric Co.

MISS MATTIE F. McFADDEN
Shelton, Conn.
Engr.
Norden Instruments, Inc.

MRS. DOT MERRILL
Chicago, Ill.
Owner- Pres.
Merrill and Co.

MISS SYLVIA MBTH
New York, N.Y.
Chemist
Comm. Color & Chem. Co.

MISS MABEL ROSE NEVINS
Cambridge, Mass.
Ch. Engr.
Amer. Resinous Chem. Co.

MISS DOROTHY O'REILLY
Boston, Mass.
Draftsman
Jackson & Moreland

MISS MARY LOUISE POTTLE
North Weymouth, Mass.
Sales Engr. Ass.
Allis-Chalmers

ASSOCIATE MEMBERS

MISS AILEEN CAVANAGH
Philadelphia, Pa.
Physicist
Frankford Arsenal

MISS CAROLYN LACE CIACCIO
Rockford, Ill.
Jr. Engr.
Barber Colman Co.

STUDENT MEMBERS

MISS BARBARA JANE ALLEN
Barrington, R.I.
Aero. Engrg.
U. of Rhode Island

MISS VIRGINIA A. LANDRY
Waltham, Mass.
Civil Engrg.
Northeastern U.



Journal

SOCIETY

OF

WOMEN ENGINEERS

VOLUME 2, NUMBER 4

JUNE, 1952

CENTENNIAL OF ENGINEERING

The Centennial of Engineering program observes the 100th anniversary of the founding of the American Society of Civil Engineers. The observance honors engineers in every branch of the profession because in 1852 civil engineering comprised all except military engineering.

A dynamic integrated exhibit has been set up, and will continue for five years. A dramatic stage production will be presented during the summer of this year, and a convocation of almost 50 national and international engineering societies and associations will be held during the period of September 3-13, 1952. These events will be held in Chicago because of its central location.

Some of the specific aims of the Centennial are:

- to make known the contributions of engineers to national progress
- to personalize the engineer in his true role
- to stimulate young people to study engineering

Along with other societies, the **SOCIETY OF WOMEN ENGINEERS** has

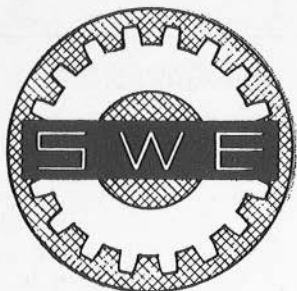
been asked to participate in the Centennial. A Centennial Convention Committee has been established, and is now actively at work making all arrangements. Mrs. Evelyn S. Jetter heads the Policy Committee; Miss Aileen Cavanaugh, Technical Programming; and Mrs. Dot Merrill and Mrs. Lois G. McDowell jointly head the Operations Committee.

On September 5 the **S.W.E.** will hold a luncheon, technical program and dinner. Moderators at the technical program will be Miss Emma Barth and Miss Mary Louise Pottle. Some of the speakers will be Mrs. Mary F. Blade, Miss Elsie Eaves, Mrs. Evelyn S. Jetter, Miss Elsie McGill, Miss Marie Reith, and Miss Katharine Stinson. The Dinner speaker will be Dr. Lillian M. Gilbreth.

Plans are being made for an informal program for September 6. This will include trips to several of the industrial plants, featuring one to a steel mill, in the Chicago area.

A Salute to Women Engineers will be the topic of the Western Society of Engineers. Miss Beatrice A. Hicks will be a guest speaker at one of their sessions.

The official convention hotel for the **S.W.E.** will be the Drake Hotel, and all convention sessions will be held at the headquarters of the Western Society of Engineers.



Journal

SOCIETY
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WOMEN ENGINEERS

VOLUME 3, NUMBER 1

SEPTEMBER, 1952

NATIONAL COMMITTEE CHAIRMEN APPOINTED . . .

Following are the appointed Committee Chairmen for this coming year.

Admissions	Isabelle French
Auditing	F. Jeannette Callahan and Irma Galane
Award	Marie Reith
By-Laws	Matilda Goertz and Mary L. Pottle
Convention ...	Dorothy Trauberman
Membership	Ruby S. Langford
Statistical	Mary Ann Crawford
Section Affiliations	Lois Chew
Public Relations	Bernice Harris
Publications—	
Director	Helen G. Cademy
JOURNAL Editor	Sophia S. Voskerchian
Directory Editor ...	Marjory Martin
Professional Guidance and	
Education	Beatrice A. Hicks
Centennial—	
Policy	Evelyn Jetter
Operations	Lois G. McDowell and Dot Merrill
Program	Aileen Cavanagh
Emblem	M. Ann Lawrence

Lois G. McDowell was appointed Assistant Corresponding Secretary.

CENTENNIAL OF ENGINEERING

S. W. E. Convention Registration

There will be no registration fee for the conventions of the Western Society of Engineers on September 4th and the SOCIETY OF WOMEN ENGINEERS on September 5th. SWE registration will take place at the Headquarters of the WSE, 84 E. Randolph St., Chicago on the morning of September 4th as a single registration for both conventions.

The Centennial of Engineering Corporation will have a general registration fee of \$3.00 which will cover a Centennial badge and a program listing the activities of all societies which are participating in the Convocation, the Symposia and all of the Centennial activities.

Luncheons are scheduled for Thursday and Friday at 12:30 P.M. Tickets for luncheon are \$2.25 each. A banquet will follow a reception in the Lounge at WSE Headquarters on Friday evening, September 5th. Banquet tickets are \$4.25. Tickets will be available at the time of registration, or at the offices of the Western Society of Engineers during the convention.

SOCIETY OF WOMEN ENGINEERS CONVENTION PROGRAM

To be held at Society Headquarters of
Western Society of Engineers

Friday, September 5, 1952

84 East Randolph St., Chicago, Illinois.

Morning Session—10 A.M.
Auditorium

Welcome—Lillian G. Murad, President,
SOCIETY OF WOMEN ENGINEERS, Vice-President, Murad Textile Print Works, Inc., New York, N. Y.

Chairman—Emma C. Barth, Engineer,
Westinghouse Elec. Corp., East
Pittsburgh, Penn.

Speakers—

“One Century of Know-How Challenges the Future”

Elsie Eaves, Business Editor, Engineering News Record, New York, N. Y.

“Generation and Distribution of Electric Power in the United States”

Marie Reith, Tax Analyst, Consolidated Edison Company, New York, N. Y.

“Civil Aviation Safety”

Katherine Stinson, Chief, Specifications Staff, Aircraft Engineering Div., C.A.A., Washington, D.C.

A question period will follow.

Luncheon—12:30 P.M.

Dining Room

Chairman—Mary L. Murphy, Engineer,
Illinois Bell Telephone Company,
Chicago, Illinois.

Afternoon Session—2 P.M.

Auditorium

Chairman—Mary Louise Pottle, Sales Engineer, Allis Chalmers Mfg. Company, Boston, Mass.

Speakers—

“Behind Jet Transportation Today”

Elizabeth M. G. MacGill, Consulting Engineer, Toronto, Ontario.

“Evaluating Engineering Abilities”

Mary P. Blade, Asst. Professor, The Cooper Union, New York, N. Y.

“Health Protection in the Field of Atomic Energy”

Evelyn Jetter, Electronics Engineer, U. S. Atomic Energy Commission, New York, N. Y.

A question period will follow.

ACTIVITIES OF THE SECTIONS

DETROIT . . .

The Detroit Section became an official Section of the SWE on June 30th, and the group celebrated the "Birthday" at an outing on the Canadian shore of Lake St. Clair on July 19th.

Officers for 1952-53 are as follows:

Chairman M. Ann Lawrence
 Vice-Chairman Elise Hosten
 Treasurer Virginia Sink
 Secretary Margaret Frank

A dinner meeting was held in June at the Engineering Society of Detroit. The program was a symposium on building a research laboratory. A representative from each branch of engineering told what her particular work would be in designing it. A discussion period followed.

—MAL

CHICAGO . . .

All members of the Chicago Section are actively engaged in work for the Centennial of Engineering in which the SWE will participate September 4th and 5th.

Officers of the Section are:

Chairman Dot Merrill
 Vice-Chairman...Margaret F. Griesel
 Secretary-Treasurer
 Winifred M. E. Hutton
 Section Director ... Lois G. McDowell

The Section will be hostess to the Board of Directors on September 6th. Meetings of the Chicago Section will be confined to Centennial business until the conclusion of the convention.

—LGMD

NEW ENGLAND . . .

Officers for the year are:

Chairman Barbara T. Cain
 Vice-Chairman Martha J. Bergin
 Secretary Rachel M. Goetchius
 Treasurer Virginia A. Landry
 Section Director Mary L. Pottle

The Section was hostess to the Board of Directors at Nahant, Massachusetts on July 12th and 13th. Section members, Directors and guests attended a beach party and steak fry on the evening of the 12th.

—SSV

METROPOLITAN NEW YORK . . .

The Section's officers for the year are:

Chairman Roslyn B. Keller
 Vice-Chairman Gloria A. Hackel
 Treasurer ... Dorothy F. Trauberman
 Recording Secretary
 Bernice Harris
 Corr. Secretary ... Evelyn R. Fowler
 Section Director
 Sophia S. Voskerchian

ACTIVITIES OF THE SECTIONS

PITTSBURGH . . .

The Pittsburgh Section held a picnic meeting on July 19th at "The Chimneys," home of Mr. and Mrs. William E. Miller. Husbands, friends and children were guests of the section. Entertainment included a treasure hunt with a large watermelon as a prize. A short business meeting followed.

Officers elected for the fiscal year 1952-53 are:

Chairman Phyllis Evans Miller
 Vice-Chairman Mardell Boyles
 Secretary Dorothea P. Perry
 Treasurer Patricia W. Boulton
 Section Director Sara-ann Lance
 —SL

WASHINGTON . . .

The Washington Section has announced the results of the election of officers for the year 1952-53 as follows:

Chairman Katherine Stinson
 Vice-Chairman Sylvia Waller
 Secretary-Treasurer ... Ethel Levene
 Section Director
 F. Jeannette Callahan

On July 8th members and guests attended a picnic supper at the home of Mr. and Mrs. E. W. Darne in Takoma Park, Maryland. A brief business meeting followed.

—FJC

PHILADELPHIA . . .

The section held a theatre and dinner party on June 21st to honor the women graduates. After a performance of "The Firefly" at St. John Terrell's Music Circus the group attended a dinner at the Lambertville House.

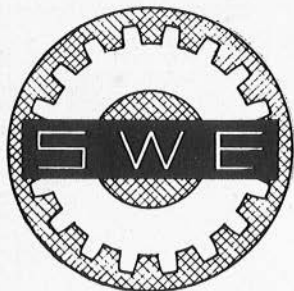
The guests of honor were Gaetana Melilli—Temple Evening School, Doris Schwendner—Drexel Evening College, and Dorothy Walsh—University of Delaware.

The elected officers for this year are:

Chairman Alma Kuppinger
 Vice-Chairman Jane B. Kane
 Recording Secretary
 Margaret Malone
 Corr. Secretary ... Doris Schwendner
 Treasurer Doris McNulty
 Section Director Marjory Martin
 —JWD

BOARD OF DIRECTORS . . .

The first meeting of the Board of Directors for the fiscal year 1952-53 was held at Edgehill Inn, Nahant, Massachusetts on the weekend of July 12th and 13th. The following Board members attended: Emma C. Barth, Eileen Fong, Isabel French, Miriam Gerla, Margaret Haden, Beatrice A. Hicks, Sara-ann Lance, Marjory Martin, Lois McDowell, Doris McNulty, Dot Merrill, Lillian G. Murad, Mary Louise Pottle, Margaret Ross, Katherine Stinson and Sophia S. Voskerchian.



Journal

Society
of
Women Engineers

VOLUME 3, NUMBER 2

DECEMBER, 1952

BOARD OF DIRECTORS . . .

The second meeting of the Board of Directors for the fiscal year 1952-53 was held at the Drake Hotel, Chicago, Illinois on September 6th. The following Board members attended: Emmie C. Barth, Isabelle F. French, Miriam K. Gerla, Margaret Hayden, Beatrice A. Hicks, Sara-ann Lance, Lois G. McDowell, Doris McNulty, Dot Merrill, Lillian G. Murad, Mary Louise Pottle, Margaret M. Ross, Katherine Stinson, Geneva Van Horn and Sophia S. Voskerchian.

Katherine C. Foltuz; Detroit, Michigan;
Sr. Architect; Austin Eng. Inc.

Helen Fuhrmann; Detroit, Michigan;
Project Engineer; Detroit Diesel
Division of General Motors.

Mary R. Fulmer; Pearl River, New York;
Assistant Sanitary Engineer; U. S.
Public Health Service.

Viola S. Hinchliffe; Pittsburgh, Penna.

Josephine Lovett; Montreal, Quebec;
Cable Design Engineer; Northern
Electric Co., Ltd.

Charlotte D. Mooers; Cambridge, Mass.;
Technical Editor; Jackson and More-
land.

Victoria O'Donoghue; Bergenfield, New
Jersey; Consultant.

Jeanette Orzechowski; Brooklyn, New
York; Draftsman; Bell Telephone
Laboratories.

Georgiana H. Peeney; Chicago, Illinois;
Engineer; Lansing B. Warner.

N. C. Lee Pien; Highland Park, Michi-
gan; Jr. Engineer; Smith, Hinchman
and Grylls, Inc.

Virginia F. Sabo; Rolla, Missouri; Sur-
veying and Cartographic Engineer;
U. S. Geological Survey.

CANDIDATES FOR MEMBERSHIP IN SWE

Members

Diana Bell; Jackson Heights, New York;
Technical Writer; Ford Instrument
Company.

Anna Lou Cadwell; Houston, Texas;
Draftsman; Brown and Root, Inc.
Elizabeth L. Dahlberg; Washington,

D.C.; Radio Engineer; McIntosh and
Ingles.

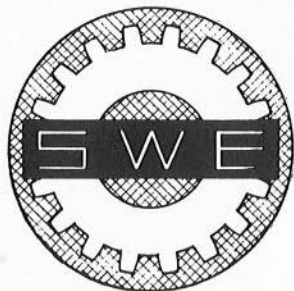
Gertrude H. Fila; Stillwater, Oklahoma;
Instructor; Oklahoma A & M Col-
lege.

Mary Jane Fischer; Indian Head, Mary-
land; Physicist; Naval Ordnance
Laboratory.

SECTION
SWE OFFICERS

1953-54

	Chairman	Vice Chairman	Corresponding Secretary	Recording Secretary	Treasurer
Boston	Martha Bergin	Mary L. Pottle	Rachel Goetchius	Aileen Cavanagh	Inez Hazel
Chicago	Mary Murphy	Catherine Eiden	Winifred Stene	Georgianna Peeney	Winifred Hutton
Detroit	Ann Lawrence	Virginia Sink	Margaret Eller	Margaret Frank	Patricia Brown
Houston	Angela Tyllick	Margaret Marshall	Margaret Ray	Lamona Cherry	Arlene Tinkler
Los Angeles	Lucy McNeil	DeLoris Kiester	Kay Broughton	Hyacinthe Proctor	Norma Dando
New York	Dorothy Trauberman	Sophie Voskerchian	Evelyn Jetter	Aileen Fong	Mary Stokes
Philadelphia	Doris McNulty	Margaret Malone	Alice Brown	Ruth Kern	Jean Doak
Pittsburgh	Phyllis Miller	Jo Godley	Stephanie Balik	Stephanie Balik	Betty R. Ronat
Washington	R. Carolyn White	Jeannette Callahan	Mary Jane Fischer	Frances Darne	Charlotte Ridgeway



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Women Engineers

VOLUME 3, NUMBER 3

MARCH, 1953

Archives
SOCIETY

OF

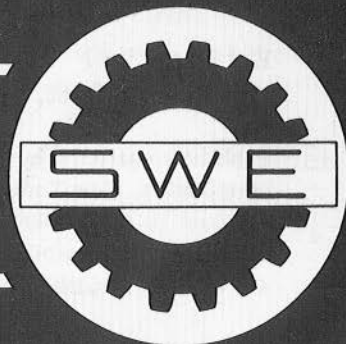
WOMEN

ENGINEERS

VOLUME 4

NUMBER 1

JOURNAL



SPOTLIGHT ON . . .

**MARY LOUISE POTTLE**

Mary Louise Pottle, a pert, blonde, blue-eyed young woman is a SWE member who is active in both her Section and in the National organization.

A native of North Weymouth, Massachusetts, she is an Office Engineer with Allis-Chalmers Corporation in Boston doing inside sales work.

Miss Pottle attended primary and secondary schools in her home town. While in high school she wanted to take mechanical drawing and was told, "Girls don't do that." Here, she decided, was a girl who would. Later, when she decided to study mathematics and applied sciences and, of course, mechanical drawing, an admissions officer at Northeastern University suggested she enroll as an engineering student.

During her undergraduate years she did some part-time surveying and was a laboratory assistant to one of her teachers who at first had seemed hostile to women in engineering and had later proved to be a true friend. Prior to her Junior year Miss Pottle left school temporarily to work for Mathewson Machine Works in North Quincy as an estimator and draftsman. After six months she returned to school and was the second woman to receive a Bachelor of Mechanical Engineering from Northeastern University. Upon graduation she joined Allis-Chalmers.

Since her job-hunting days her biggest peeve has been people who, when they learn she is an engineer, innocently ask, "Do you know how to use a slide rule?"

Miss Pottle has been active in the SWE since its inception. She was the first Chairman of the then New England Section. At the present time she is a Section Director on the Board, Co-Chairman of the By-Laws Committee and is Chairman of the Boston Membership Committee.

As Superintendent of the Primary Department of Pilgrim Congregational Sunday School in her town Miss Pottle supervises 105 children.

Her spare time is taken up with sewing and reading anything that is non-technical. She knits Christmas presents "like mad," and she attends the theatre whenever possible.

Miss Pottle, an interesting young woman, is an interested one as well.

SECTION

SWE COMMITTEES

1953-54

	Membership	Prof. Guid. & Education	Publications	Public Relations	Section Affiliations
Boston	Aileen Cavanagh Va. Landry	Victoria O'Donoghue	Laura Foley	Margaret Ross	Mary L. Pottle
Chicago	Dee Holladay	Lois McDowell	Ruth Oldfield	Ruth Oldfield	Dot Merrill
Detroit	Anna Claire Hansen	Elise Hosten	Maxine Regnier	Therese Tierney	Frances Jenkins
Houston	Lorraine Matthews	Angela Tyllick	Aileen Murtishaw	Aileen Murtishaw	Arlene Tinkler
Los Angeles	Betty McCoy	Ruth Dynes	Kay Broughton	Connie Walker	Lucy McNeil
New York	Marie Reith	Rose Feier Mankofsky	Lillian Murad	Ros. Keller Gitlin	Carol Bauer
Philadelphia	Helen Smith	Jean Doaks	Doris Schwender	Marjory Martin	Lois Chew
Pittsburgh	Stephanie Balik	Viola Hinchliffe	Emma Barth	Jo Godley Katherine Keller	Phyllis Miller
Washington	Janet Bigelow	Frances Darne	--	Lois Robbins	Jeannette Callahan

NATIONAL OFFICERS OF SWE

BOARD OF DIRECTORS

National Officers

Lillian G. Murad	Past President
Katharine Stinson	President
Miriam K. Gerla	Vice President
Lois G. McDowell	Corresponding Secretary
Sophie Voskerchian	Recording Secretary
Isabelle French	Treasurer

Directors-at-Large

Patricia L. Brown
Lamona Cherry
M. Ann Lawrence
Doris McNulty
Dot Merrill
Mary L. Pottle

Section Directors

Margaret Ross
Catherine Eiden
Geneva Van Horn
E. Frances Barnett
DeLoris Kiester
Evelyn Jetter
Alma Kuppinger
Dorothea Perry
R. Carolyn White

SOCIETY

OF

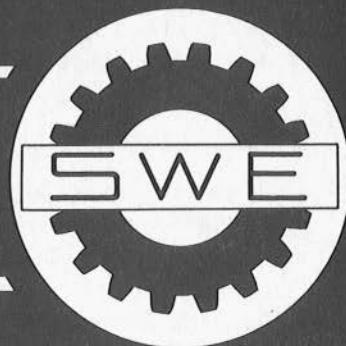
WOMEN

ENGINEERS

Volume 4

Number 4

JOURNAL



The MSPE has shown its interest in the SWE once again by offering this Section space in their publication, New England Professional Engineer, which is published jointly by the Massachusetts Society of Professional Engineers and the Connecticut Society of Professional Engineers. In the line of publications, Mary Pottle did a fine job in getting out Boston Section's first "Newsletter."

Spotlights for the past few months go to the eight members who were able to attend the Annual Convention in Washington; to Virginia Landry, who received the Clara and Joseph F. Ford Award at Northeastern University for her "democratic and tolerant spirit--toward people of all races"; to Elsie Picard, who spoke at the Northeastern annual Career Confab, representing women alumnae in engineering; and to Martha Bergin, who has co-authored another paper, entitled "Measurement of Particle Size Distribution of Phosphors," which appears in the March issue of the Journal of the Electrochemical Society. Martha is also Acting-Treasurer of the Northeastern Section of the American Chemical Society and has been nominated as Treasurer for 1954-55.

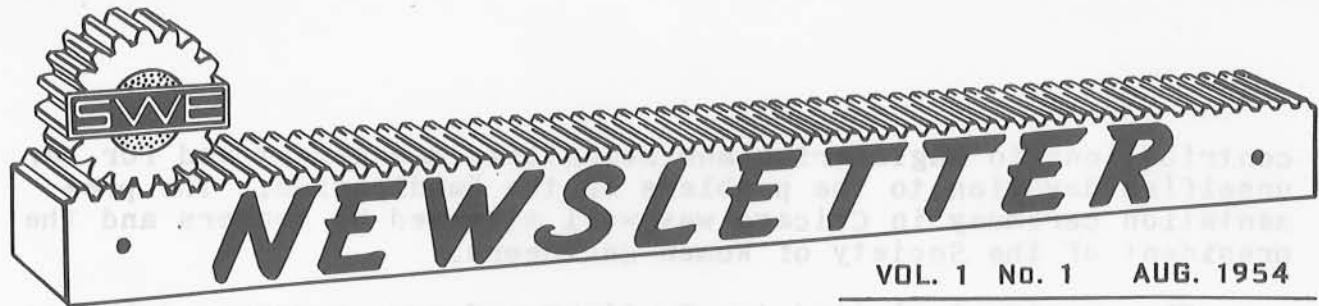
The Boston Section would like to announce that Mary Zappulla is their new Corresponding Secretary, replacing Rachel Goetchius, who resigned from that office when she became Mrs. Seller and moved to Connecticut. Please send your correspondence to Mrs. Zappulla.

Chicago:

Several of the Chicago members were active these past few months in carrying out the "Aims and Purposes" of SWE. Lois McDowell appeared on the CBS television program "Choose your Career" March 3 in connection with the Chicago Career Conference.

Dot Merrill and Lois McDowell represented SWE in Cincinnati at the Vocational Guidance Symposium, sponsored by the Engineering Society of Cincinnati, on March 26. Approximately 65 high school students attended the symposium for women.

Isabelle French, formerly with Capehart Farnsworth, recently spoke before the radio engineering society of the Tri State College,



**PRESIDENT'S REPORT ON NATIONAL ACTIVITIES OF
THE SOCIETY OF WOMEN ENGINEERS**

by Katharine Stinson

During the year 1953-1954 the following new Sections applied for charters:

Cleveland	Connecticut	San Francisco Bay
Kansas City	Finger Lakes	Pacific Northwest
Denver	Ohio Valley	St. Louis
Drexel (Student)	Purdue (Student)	

We now have a total of 20 Sections.

Our membership according to the official treasurer's records as of May 25, 1954 was 444. The Section Affiliations and Statistical Committees now have a list of prospective members which contains more than 1,000 names.

The Board of Directors held two meetings during the year—the first at Detroit on July 18 and 19, and the second in Washington at the time of the convention. At the latter meeting it was agreed that the Society change from the publication of a quarterly journal to a monthly newsletter and investigate possible publication of a yearbook.

The convention in Washington was our most successful to date. In addition to the 113 visitors who registered, a large number of guests attended individual sessions without registering. The theme of the convention was "The Woman Engineer in a Peacetime Economy." It attracted widespread attention, and we were given unusually good coverage by the press, radio, and television. The recipient of the SWE Award was Miss Edith Clarke, who was recognized for her contributions to the field of electrical engineering. Several of our members participated in the convention program, and the banquet speaker was Dr. A. V. Astin, of the National Bureau of Standards.

The Washington Award was presented to a woman engineer for the first time when Dr. Gilbreth received it for her outstanding

NATIONAL OFFICERS
and
BOARD OF DIRECTORS

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Dot Merrill	Vice-President
Lois G. McDowell	Corresponding Secretary
De Loris I. Kiester	Recording Secretary
Isabelle F. French	Treasurer
Lillian G. Murad	Past President

Directors-at-Large

Terms expire June 30, 1955:

Lamona Faye Cherry

M. Ann Lawrence

Mary Louise Pottle

Terms expire June 30, 1956:

Ruth Carolyn White

Doris M. Gainor

Geneva Van Horn

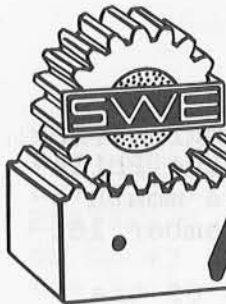
For Section Directors, see p. 5.

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Deadline Announcement

The deadline for news for the October issue of the Newsletter is September 24. By that date all Section news is to be in the hands of Stella Rajsich, 1201 Washington St., Farrell, Pa. Send announcements of your monthly meetings two months in advance, if possible. The Newsletter plans to publish a calendar of SWE events across the country, for the benefit of members who might wish to visit another Section.

National officers and committee chairmen are requested to send their announcements and news items to Margaret Kipilo, 113 Wonder St., Johnstown, Pa.



NEWSLETTER

VOL. 1 No. 4 NOV. 1954

NEWS OF LOCAL SECTIONS OF SOCIETY OF WOMEN ENGINEERS

The Boston Section will hold meetings on the third Thursday of each month. The first business meeting was held on October 21.

The Chicago Section will hear Arthur Kaindl, a bridge designer, on Friday, November 26. Mr. Kaindl will discuss the professional registration law in Illinois.

The Detroit Section made a field trip through the Great Lakes Steel Corporation on November 9. The meeting of December 8 will feature a smorgasbord dinner at the Stockholm, followed by a business meeting.

The Denver Section held an organizational meeting on October 12 at which reports were received on the prospective members among women engineers in the area.

The Los Angeles Section will hold a dinner meeting at Ciro's on December 21. Men are very especially invited to be present at this holiday social meeting.

On October 19 Capt. Laderman, U.S.A. (Ret.), Public Relations Director, Monorail Engrg. Co., discussed the potential value of high-speed overhead system as a solution to the far-flung transit problems of this area. On November 16, Tony LaVere, Chief Test Pilot at Lockheed Corporation was the speaker.

The Los Angeles Chamber of Commerce, Women's Division, included the Los Angeles Section of SWE in its current list of women's business and professional organizations in this area.

Mrs. Shirli Allen Reithard has been advanced to Associate Professor of engineering at the University of California, and has become associated with Famco Engineering Co. as Vice-President.

The New York Section will participate in a career conference for high school students sponsored by the Technical Society Council of New York. It will be held on December 4 at Brooklyn Technical High School in conjunction with the 17th School Science Fair.

The Philadelphia Section is planning an "Open House" for March 29 and 20, 1955. Part of the program will be a career conference for high school students.

Therese is looking for some news about a member which would be of national interest - some project she is working on, some speech she will make, a paper she will present at some convention in the future, some national meeting she will attend, etc. But the information must reach her in advance, since events in the past are not considered news by newspapers.

Mrs. Kay Broughton, 106 Via Sevilla, Redondo Beach, Calif. has been named Co-chairman of Public Relations, to handle the publicity in connection with the 1955 Convention.

CORRECTIONS AND ADDITIONS

Please add the following names to the lists of local officers and committee chairmen published previously.

<u>Cleveland</u>	Treasurer - - - - -	Edna Simmerly
<u>Finger Lakes</u>	Secretary-Treasurer - - - - -	Myra Bliss
<u>Philadelphia</u>	Corresponding Secretary - - -	Gertrude Guers
<u>Pittsburgh</u>	Corresponding Secretary - - -	Stephanie Balik
<u>Drexel Student</u>	Chairman - - - - -	Judith Peterson
	Repr. to Philadelphia Section	Marjorie Martin
<u>Purdue Student</u>	Honorary Chairman - - - - -	Margaret Ward Lewis

<u>Section</u>	<u>Membership</u>	<u>Prof.Guid.</u>	<u>Program</u>	<u>Pub. Rel.</u>
<u>Boston</u>	Elizabeth Simons	E'Lise Harmon	Ruth Bean	
<u>Los Angeles</u>	- - - - -	Grace Walsh	- - - - -	Kay Broughton
<u>Philadelphia</u>	Helen Smith	- - - - -	Phyllis Diamond	Anne Johnson
<u>Finger Lakes</u>	Nancy Hampson	- - - - -	Frances Bosnik	Pauline Machuga
<u>Washington</u>	Jeanne Young	Margaret Fox	Janet Bigelow	- - - - -

Section Affiliations Chairman - - - Martha Rice
 Repr. for D.C. Educational Television - - Norma Levine
 Repr. to D.C. Council of Engineering and Architectural Societies - - R. Carolyn White and Frances Darne
Boston Repr. to ESNE Council - - !Martha Bergin. and Mary Pottle
Los Angeles Statistical Chairman - - Esther Williams

OF NEWS AND NEWSLETTERS

Several of our Sections publish newsletters. This is fine and is to be encouraged. These newsletters are furthermore sent to one or all of the editors of the national Newsletter. Again, fine. It is convenient to have supplementary material on hand when composing the month's copy.

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and
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VOL. 2 NO. 1

AUGUST, 1955

PRESIDENT'S REPORT ON NATIONAL ACTIVITIES OF THE SOCIETY OF WOMEN ENGINEERS, 1954-55

The year 1954-55 was another of growth and activity for the SWE. All of the Sections have received their charters and we now have 18 Sections and four Student Chapters, two new student groups having been organized at the University of Colorado and the City College of New York.

The Professional Guidance and Education booklet, which contains papers and speeches as well as statistical data on women engineers, was completed; the first copies were distributed at the Convention. This publication should be extremely useful to the Sections in education and guidance activities.

The first Regional Conference was held in Philadelphia, with approximately 60 members and guests from seven Sections attending the two-day session. The Eastern Seaboard group is planning a conference to be held next year in Boston. It is expected that other Sections, particularly those remote from the national convention site, will hold similar meetings.

The SWE was one of the engineering societies participating in the 75th anniversary celebration of the American Society of Mechanical Engineers held at Stevens Institute of Technology, Hoboken, N. J. The society was also represented at numerous functions and meetings, including the conference on the Effective Use of Womenpower sponsored by the Department of Labor in Washington.

The publicity received by the Society through articles about the members continues to increase. Particularly good coverage was given to our Convention, with special interest being shown in the presentation of the award to Dr. Margaret Hutchinson for her outstanding work in the field of chemical engineering.

A new administrative policy was initiated to lessen the time required to process membership applications. Applicants' names are now published in the Newsletter upon receipt of the application instead of after approval by the Board of Directors, thereby making the 30-day waiting period concurrent with the Board's review.

The SWE was requested to cooperate with the Women's Bureau of the U. S. Department of Labor in conducting another survey. This is the first time that a survey of a particular group has been repeated, but the Women's Bureau considered it desirable because of the large increase in our membership and mailing list

since 1953. The result of this survey will be used by the government and industry as a basis for further study of women in the technical labor field. The SWE is proud of its part in this project.

I should like to take this opportunity to express my personal gratitude to the officers, committee chairman, and members for their support and cooperation during the past two years.

—Katherine Stinson,
President 1953-55

REPORT ON "MAN AND WIFE TEAMS" PROGRAM

The advance notice of the June 16 evening at the New York Chapter of the Society for the Advancement of Management, "Man and Wife Teams in Management and Engineering," had forecast a particularly special event, and so it turned out to be. A total of 180 guests, including several SWE members, heard the informative talks of 23 teams. Under the direct and able guidance of Mrs. Wallace Clark, the meeting proceeded at a rapid pace, and each of the members of the teams spoke briefly on some phase of their work or relationship. Beatrice Hicks introduced the eight SWE teams represented. (*Editors note:* Miriam and Morton Gerla were one of the teams.)

Among the couples present, in addition to the engineering group, were husbands and wives from the medical, teaching, lecturing, editorial, management consulting, and labor relations fields. The satisfaction of mutual understanding in solving similar work problems was mentioned by many speakers, but the difficulties of maintaining a normal home life and raising children were also pointed out. One husband spoke of his damaged ego when, expecting to talk to his wife about his day's work, he found himself listening to her problems instead. Another said his wife's understanding of his business enabled him to expand his activities.

Several career wives felt that a special type of husband is needed if the wife is also to be successful and happy in her work—a husband who feels and expresses sympathetic understanding and who takes pride in the things his wife does. Applause and shouts of "Hear, hear" followed the statement that the modern husband gets too little recognition for his part in the team work, especially when he also does some of the housekeeping and cares for the children along with his wife.

(Continued on Page 2, Col. 2)

SECTION OFFICERS—1955-56

Section	Chairman	Vice Chairman	Corresponding Secretary	Recording Secretary	Treasurer
Boston	Mary Pottle	Dorothea Condon	Eileen Donohue	Elaine Keith	Aileen Cavanagh
Chicago	Catherine W. Eiden	Winifred M. E. Hutton	Rachel B. James	Jean A. McDonald	
Connecticut	Gladys Flynn		Elizabeth Breed		Jane Pollien
Denver	Willma Bay	Helen Huckenpahler	Carline Owings	Dorolyn Lines	Dorolyn Lines
Detroit	Elise McGough	Helma Fuhrmann	Marian Charles	Alice K. Wetter	Anna Clair Hanson
Finger Lakes	Constance Davis	Myra Bliss	Nancy Hampson	Nancy Hampson	Marjorie Carpenter
Houston	Anna Turner	Lamona Cherry	Mary Jane Fischer	Pauline Critchfield	Margaret Ray
New York	Mildred Paret	Jean Bertels	Hermane Milenbach	Elizabeth Miller	Marilyn Bolten
Pacific Northwest	Josephine Troxell	Dorothy Nicholson	Margaret Tuttle	Margaret Tuttle	Peggy Brown
Philadelphia	Helen E. Smith	Isabelle F. French	Anna Johnson	Jean W. Doak	Ruth Kern
Pittsburgh	Emma C. Barth	Stephanie A. Balik	Olive L. Means	Olive L. Means	Agnes S. Thomas
San Francisco	Esther Allen	Ruth Schnapp	Patricia Lynch	Patricia Lynch	Edna McLean
St. Louis	Sabra K. Kennedy	Paulena A. Pagel	Marie L. Huttrop	Marie L. Huttrop	Vivian E. Heida
Washington	Janet V. Bigelow	Martha L. Rice	Margaret R. Fox	Frances Rice Darne	Ethel M. Smith
U. of Colo. Student	Barbara McLane	Marjorie Johnston	Joan Williams, Scy.-Trs.		

(Editor's note: Names of other Section officers will be published as received.)

WOMEN ENGINEERS IN THE NEWS

The 1955 Convention resulted in considerable and widespread publicity for the Society of Women Engineers. The following has been reported to the Newsletter:

Advance stories on the Convention appeared on June 13 in the *Los Angeles Mirror-News*, *Herald Express* and *Industrial News*. The *Douglas Airview News* carried an article on Mr. W. W. Hunter, who was to speak on missile development. The June 17 issue of *Hughes Tool Company Aero News* had a story on the ten Hughes employees taking part in the Convention and featured a photograph of Frances Rittamel and Sally La Forge.

As the Convention date drew near, the *Torrance Herald* of June 22 carried a story on Kay Broughton and Frances Rittamel, and the *Los Angeles Times* featured a picture of Frances with Katherine Stinson. The *Pittsburgh Post-Gazette* of June 20 reported that Emma C. Barth, Jo Godley, and Katherine Kellar would attend the Convention.

The *Lockheed Star* of June 23 had an article with a photograph of Doris Gainor, national Treasurer-elect, and the *San Fernando Valley Times* of June 25 also mentioned Doris in connection with the Convention. The *Hughes Aero News* of June 24 carried another notice. Radio publicity was presented on the same day over stations KTTO and KFAC.

On June 25 the news story that Dr. Margaret Hutchinson had won the 1955 SWE award was carried in the *Los Angeles Mirror-News* and *Herald Express* and in the *Hollywood Citizen-News*, while the *Los Angeles Times* featured a photograph of the five officers of the Los Angeles Section. The *Times* presented more Convention stories on June 26 and 27.

The Convention publicity reached a climax on Sun-

day, June 26, when the *Los Angeles Examiner* carried two articles on the Convention, in different sections of the newspaper. The longer article featured an interview with Dr. Hutchinson and an exceptionally good photograph of her with Katherine Stinson. The Sunday edition of the *New York Times* also carried a picture and article. On June 28 the *Christian Science Monitor* announced the award.

Western Industry of July, 1955 carried an article about the speeches given by Marie Scully and Ethel Senkovitz at the Saturday session. The *Redford Oserver* (Michigan) of June 29 mentioned that Helma Fuhrmann and Tess Tierney had attended the Convention.

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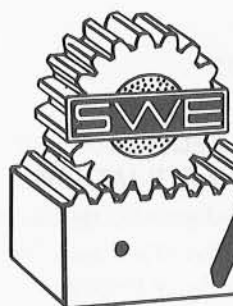
The *Midwest Engineer* of June, 1955, under "SWE Personals," featured a picture of Lois G. McDowell and a two-column article on her as the new president of SWE.

An announcement of the Zonta awards to Selma Swift Teichmann and Doria Domenighetti appeared in the June 28 issue of the *Christian Science Monitor*. Publicity on the awards also appeared in the Los Angeles newspapers.

"Italy Builds the Way She Feels" was the title of an interview with Anna Meroni, civil engineer from Italy, published in the *Pittsburgh Post-Gazette* of June 15. The article featured a large photograph of Miss Meroni, Dotty Perry, and Emma Barth.

The *Independent Woman*, publication of the Business and Professional Women's Association, had in its July issue a profusely illustrated article on Maria Telkes (1952 SWE award winner), entitled "Woman Engineer Who Tames the Sun."

The *Christian Science Monitor* of June 7 featured an article entitled "L. A. Girl Engineers Freeways," tell-

The logo features a gear with the letters 'SWE' inside it, positioned above a long, horizontal, serrated metal bar. The word 'NEWSLETTER' is written in a large, bold, sans-serif font across the center of this bar.

NEWSLETTER

VOL. 2 NO. 2 SEPTEMBER 1955

SECTION ACTIVITIES OF SOCIETY OF WOMEN ENGINEERS

Boston Section reports organization completed for the coming year with a lively list of officers and committee chairmen, and with meetings scheduled for the fourth Thursday in each month.

Martha Bergin and Mary Louise Pottle are the Section's representatives in the Engineering Societies of New England Council.

The **Denver** Section had the pleasure, on June 19, of entertaining president-elect Lois McDowell at an outdoor supper. Lois was visiting Denver Section Director Mildred Smith in Boulder, before their trip to the Los Angeles Convention.

The supper also occasioned the presentation of a train case to out-going chairman, Marie Owen, in appreciation for her wonderful leadership during the first year of organization of the Denver Section. Marie, her husband, and their five children left in August to spend the coming year in Europe.

SWE members Aileen Cavanagh, Emma Barth, and Dorothy Howarth, returning from the Convention, were entertained the evening of July 9 by Denver members.

Plans for the 1955-56 year were made at a meeting August 16, at the home of Betty Robinson.

The **Los Angeles** Section held an executive board meeting on August 23. The first membership meeting will be held at the Hollywood Athletic Club on September 20; by-law changes and the program for the coming year are to be discussed.

The **Pacific Northwest** Section held an August meeting at the new home of vice chairman Dot Nicholson. The highlight of the meeting was the report of the Convention given by Jean Hodson and Marian Owen. Marian filled in many interesting details, and Jean showed some very good pictures of the coast line, taken on her first trip by air.

The September meeting was planned as a dinner meeting at the Women's University Club, Seattle. (Editor's note: This report was sent to us from Petersburg, Alaska, at this date probably SWE's most distant "out-post".)

For the final outing of the year, the **Philadelphia** Section enjoyed an all-day picnic, deluxe style, on June 18, near Reading, Pa. Members and guests joined in the fun of swimming in the pool; broiling steaks, hot dogs, or kebabs over the open grill; horseback riding; treasure hunting; or just relaxing in the sun. Treasure hunt winners included Isabelle French and Jane Kane's husband, Jack.

Laurette McGovern concluded her college days on June 15, by receiving her BA in mathematics from the University of Pennsylvania. She is now working for Remington Rand.

An executive council meeting was held on August 31. The first outing of the year is to be held in September at the home of Helen Smith.

Marjorie Martin, charter member of the Philadelphia Section, became the wife of Joseph Eby on June 20, in Downingtown, Pa. Mr. Eby is the Grand Major General of the Philadelphia Men's Artillery, SWE. (Editor's note: Every Section of SWE can organize a Men's Artillery for husbands and boy friends. Write to the Philadelphia Section for further information.)

The **Pittsburgh** Section started the year's activities with a meeting of the executive board and committee chairmen on August 29. A welcome guest at the meeting was Dot Merrill, traveling through Pittsburgh on business. The first membership meeting is scheduled for September 29, when programs and activities for the coming year will be discussed.

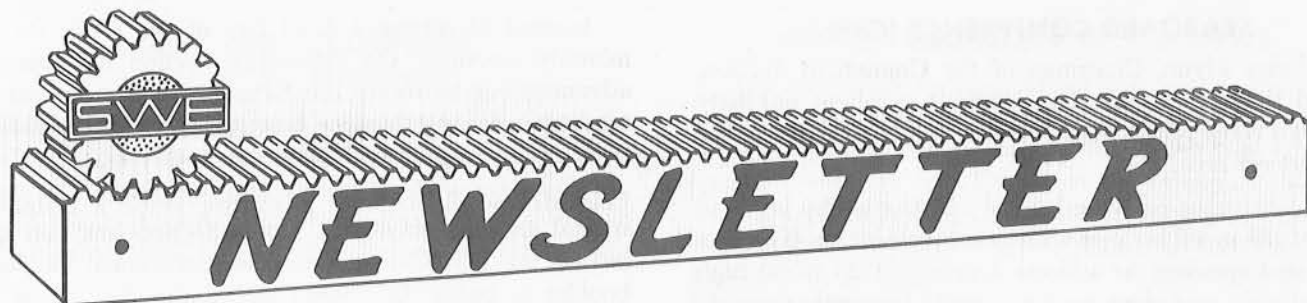
Jo Godley, Section Director, has added one more to her long list of activities. This year she is serving as president of the Ambridge Business and Professional Women's Club.

An engineering scholarship to Carnegie Tech, offered by the Elliott Co. of Ridgway, Pa., was won by Rita Mary Clapp in a competitive examination. Word reached the Pittsburgh Section that there was a general feeling in the community that the scholarship was being "wasted" upon a girl. Literature was promptly sent to a representative of the Elliott Co., to prove that women are doing engineering work nowadays.

The **San Francisco Bay** Section will open its fall activities with a dinner meeting on September 20. Reports on the Los Angeles Convention will be given.

The **St. Louis** Section reports a new Section Director, Beryl Brasch. She succeeds Kathryn Morgan, who served temporarily until the office could be filled.

Among the student Sections, **Drexel** Student Section starts the fall term by participating in the Freshman Tea, planned to welcome the incoming freshmen engineering students to Drexel and to introduce them to the Society of Women Engineers. Carolyn Barron has been appointed membership chairman, and Bridget Watson is chairman of the Freshman Tea.



VOL. 2 NO. 7

MARCH, 1956

SECOND ANNUAL EASTERN SEABOARD CONFERENCE, FEBRUARY 25-26

Members of several Sections have just spent two days in Boston at the Eastern Seaboard Conference, seeing old friends and making new ones, exploring the historical wonders of Boston, and being inspired to attempt more and bigger Section projects.

It might be well to explain to those Sections which were not represented, that this conference is not set up in the By-Laws of the Society. Last year, however, the Philadelphia Section planned and called an Eastern Seaboard Conference, to provide a get-together for members who were not able to travel as far as the national Convention in Los Angeles. The occasion proved so enjoyable and worthwhile that it was agreed to continue the conference idea.

It is hoped that the idea will be taken up by other geographical regions and so give more members the opportunity of meeting the girls in neighboring Sections. As many national officers and committee chairmen as possible attend the conference and so give more members a close-up of the national organization. Instead of tending to cut down on Convention attendance, the conference provides so much enjoyment and stimulation, that more members start to think about attending the national Convention.

What's Going on in SWE ?

The conference was held at the beautiful, modern Faculty Club of the Massachusetts Institute of Technology. Mary Pottle, chairman of the Boston Section, presided over a meeting at which Section Chairmen and national Committee Chairmen were invited to make reports.

Emma C Barth, Editor of the SWE Newsletter, asked for more contributions of news from the membership. Help is needed with the Science Experts Quiz questions. Comments pro or con anything which affects the Society would be welcome. The Editor further suggested that members send in news of especially good talks they have heard, interesting tours they have made, a good book or magazine article they have just read, or anything similar which would be of interest to other women engineers. She also announced that back copies of the Newsletter are still available for mailing to prospective members, exhibiting at career conferences, etc.

Mary Lou Wolf, Chairman of the Statistics Committee, announced that the statistical survey planned earlier will shortly be under way. She has been handed the very special problem of proving that women make good supervisors of men. Also, the latest edition of the prospect list will be sent out as soon as the many pages can be stapled together.

Beatrice A. Hicks, Chairman of the Development Committee, announced that the national Board of Directors of SWE has just approved resolutions setting up both a Headquarters Fund and a Scholarship Fund for the Society. (See "Society Establishes Two Funds", page 5)

Aileen Cavanagh, Admissions Chairman, made a plea for filling out application blanks in great detail, especially if an applicant who is doing engineering work but does not have an engineering degree, applies for full membership. She warned us to remember that the members of the Admissions Committee "are not mind readers."

The first Section called upon was Hartford. According to Adele Kutzleb, the group started holding meetings last summer, and has had an attendance of around 20 to 25 at each meeting. A representation of 9 was present in Boston. The Section is waiting for national certification of the required number of members, so that a charter can be granted.

Mildred Paret, Chairman, reported for the New York Section. The group has set up an employment committee for members, since so many of the married women are interested in part-time employment.

Social affairs at the homes of members have proved popular. Professional guidance work has been allocated to several chairmen, so that each can be responsible for the area in which she lives; this method has shown good results. The Section is contemplating making up a booklet to serve as a guide for professional guidance speakers.

The excellent publicity on the front page of the *Wall Street Journal* recently was due to the efforts of the Public Relations Chairman, Althea Thornton.

SECTION ACTIVITIES

Boston Section members were busy for the past month preparing for the Eastern Seaboard Conference. Aileen Cavanagh and her committee, Dorothea Condon, Eileen Donohue, Inez Hazel, Elaine Keith, Margaret Linda, Mattie McFadden, Mary Pottle, and Martha Bergin Thomas, succeeded in providing an enjoyable weekend for the visitors and made everyone feel at home.

The next meeting of the Section, on March 26, will present a panel discussion of "Mathematics in Industry and Education," with Mary Pottle as moderator. Mary, who has gone from engineering to a teaching position at Mary D. Stone School in Auburn, Mass., has been making a special study of the need of more mathematics and science in junior high school.

Connecticut Section had an informal get-together at the home of Rona Malhenzie on St. Valentine's Day, February 14.

The *Detroit* Section is busily making plans for the national Convention in June. (See "Convention Bulletin.") Hazel Quick, Convention Program Chairman, suffered a broken ankle on January 23 and was hospitalized for two weeks. She is now recuperating satisfactorily.

Houston Section members are hoping that they will be the hostesses for the 1957 Convention. The Chamber of Commerce and Hotel Men's Association have promised enthusiastic cooperation.

The *Houston* Section is busy making an exhibit booth for the Rice Institute Engineering show which is to be held on the campus in April.

As part of the observance of Engineers' Week, the Galveston Chapter of the Texas Society of Professional Engineers presented awards to outstanding students. Mrs. Frankie Barnett, secretary of the Chapter, talked to the group of students present.

Mary Jane Fischer presented a paper before the Shell Oil Company's 1956 Reservoir Engineering Specialists Meeting. Lamona Cherry took part in an hour-long TV program entitled "Romance of Engineering" on February 20.

At the January meeting of the *Los Angeles* Section, Ruth Dynes was appointed to make the necessary arrangements for the Section's entry in the Science Fair School Exhibit at the Los Angeles County Museum.

It was furthermore decided to contact the San Francisco Bay Section concerning the date and place of a possible joint meeting with the Los Angeles group. Betty J. McCoy, formerly of Finger Lakes Section, and now with the Rocketdyne Division of North American, was welcomed to Los Angeles. She has already been given an assignment to contact hotels in connection with the joint meeting.

The February dinner meeting was held on the 21st at Brand's Restaurant, Culver City. A film entitled "Over the Polar Regions" was exhibited by Scandanavian Airlines.

The *New York* Section was well represented at the Boston Conference with an attendance of eight. The next monthly meeting will be held on March 20 in the conference room of the Allis-Chalmers Manufacturing Co., in New York City. Mr. Bernard Rosen, Cities Service Research and Development Co., will talk on "Engineering Education for any Occupation."

Mrs. Miriam Gerla, chairman of the New York Section Employment Committee, has sent out postcards to members to determine their availability for part-time employment.

On February 17 the *Pittsburgh* Section anticipated Engineers' Week with a panel discussion on engineering as a career of interest to high school girls. About a dozen girls with their parents attended the meeting at Mellon Institute. Katharine Kellar, PGE Chairman, was the moderator for a panel consisting of Pat Brown, Esther Gardner, Ida Harman, and Sara-Ann Lance.

The next day Emma Barth and Pat Brown appeared on a radio program, "Congress Forum," on station WJAS, Pittsburgh. Emma has been invited to be one of the judges on the School Science Experts Quiz on television station WQED on March 20.

The January meeting of the *Pacific Northwest* Section was held at the home of Lydia Pickup. After a buffet dinner, Pat Corwin spoke on ceramic engineering and explained processing through the Gladding McBean plant, which was to be toured on February 25.

March 7 was the date for the Bosses' Night dinner, at which Dr. David Potter, Research Director at the University of Washington, spoke.

SEABOARD CONFERENCE

(Continued from Page 2)

Sunday Events

Practically everybody at the Conference took the opportunity of visiting "Whirlwind", the MIT Digital Automatic Computer, at 9:30 Sunday morning. Although renting time on an electronic computer might cost between \$300 and \$500 an hour, scientists can have their problems run free on "Whirlwind"—provided, that is, that the person attends training sessions and learns to program his own problem. (Of course, he is liable to be called in at 3:00 a.m. to watch the problem being run off, as the machine is in continual 24-hour operation.)

After leaving "Whirlwind", visitors were taken on bus tours to the Revolutionary Battlefield of Concord and Lexington. By late afternoon, the last groups broke up to the refrain of "See you in Detroit!"

JOB OPPORTUNITY

Reaction Motors, Inc. of New Jersey is looking for a woman engineer for the position of Technical Editor. Needed is a young woman with editorial and/or technical background to edit, coordinate, and expedite the production of technical publications. Apply to Ruth D. Armstrong, Editor, Technical Information Group, Reaction Motors, Inc., Denville, N. J. Telephone Rockaway 9-2323, Ext. 425.