

AMERICAN INSTITUTE



of CHEMICAL ENGINEERS

A. I. Ch. E. Meeting

Chicago Section

Date: December 10, 1958

Time: 6:30 P.M.

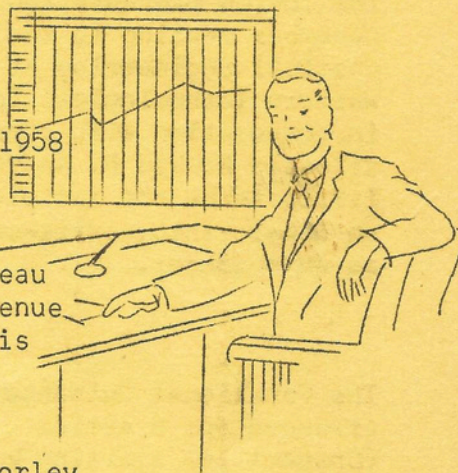
Place: Mangum's Chateau
7850 Ogden Avenue
Lyons, Illinois

Dinner: \$3.50

Speaker: Mr. Hoyt W. Corley
Advisor for Economic Evaluation
on the staff of the Director of
Research, Armour and Company

Subject: "Chemical Market Research"

Social Period: 6:00 P.M.
Sponsored by
Duriron Co., Inc.



ABOUT THE SPEAKER

The speaker at the December 10 meeting will be Mr. Hoyt M. Corley, Advisor for Economic Evaluation of Armour and Company. He will discuss marketing research and the role it has played at Armour.

Mr. Corley is a alumnus of the Citadel. He joined Armour in 1927, and has been associated with chemical marketing since 1935. He is one of the organizers of Armour's Chemical Division.

PRESENTATION OF McCORMACK AWARDS

The fourth presentation of the McCormack Awards will be made at the December meeting to the outstanding student in the senior class in Chemical Engineering at Illinois Institute of Technology and Northwestern Technological Institute. The faculties of the two institutes, in cooperation with representatives of the Chicago Section, have selected Ronald P. Andres of Northwestern and Stuart Leipziger of I.I.I. to be the recipients of the awards. Their selection was based on scholarship, extra-curricular activities, character, and potential as an engineer.

HELP! HELP! HELP!

The Vocational Guidance Committee needs help! This committee has arranged for a series of six monthly television programs on WTTW (Channel 11) starting in January and ending in June. The chemical engineer in the steel, plastics, food, atomic energy and petroleum industries will be covered, with the sixth program summarizing the preceding shows.

There is also a great need for speakers to give talks in the high schools of our area. YOU can guide someone's future by discussing the field of chemical engineering with the high school students.

If you can help out in either of these phases, please contact

John E. Anderson
Standard Oil Co. (Indiana)
Box 431, Whiting, Indiana
Whiting 2700, Ext. 286

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FROM THE CHAIRMAN

Our November meeting was held at Vogel's Restaurant way down south and a program of interest to our members of this area was offered.

Mr. R. P. Lowe, President of Proportioners, Inc. presented an interesting view into "Automatic Continuous Stream Blending". We regret that some of you were unable to attend.

The Membership Committee headed by Mr. S. G. Sourelis reported that we now have 315 paid members. This is a good start, but only a start; our goal is at least 600 members. We are planning a very interesting year both from the aspect of speakers for our monthly meetings and in activities outside of our meetings.

As pointed out in the last Newsletter, the Vocational Guidance Committee is working hard on the promotion of a series of Television Programs.

All of these plans require that each and every one of us do our part by not only paying dues, but by volunteering our services for the various committees.

Please do not forget or ignore the Every Member Campaign for the New Engineering Center. Mail your pledge today.

Remember "LADIES NIGHT" in April -- mark it on your calendar now.

Again we thank Hills-McCanna Company for their sponsorship of the cocktail party preceding the meeting.

- George E. Bailie

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MAIL THE ATTACHED RESERVATION CARD NOW
or telephone
E. E. Tarika, Reliance 5-1234, Ext. 662

4.

A.I.Ch.E. ADMISSION - HOW?

A professional organization such as A.I.Ch.E. must have new members to give it vigor and continued life, but at the same time standards must be preserved. Fortunately, the stream of applications for Institute membership has mounted steadily over the years, reaching a new high -- in 1957, when approximately 2,200 applications for membership and affiliate membership were presented. Depending on the disposition of his application, a prospective member may feel admission to the Institute is routine or exasperating. Sometimes requests are made for additional information by references; sometimes application for a different grade is suggested to the candidate, and occasionally membership is denied. In 1957, of 555 applications for membership, there were 37 denials.

Applications for membership are handled by the Admissions Committee of the Institute, a group which attempts to maintain certain prescribed standards of membership, recognizing the need for a constantly growing membership. This committee is a group of approximately 20 members, meeting in New York City once a month to examine each individual application for each grade of membership. Each application is examined in detail by at least three members of the committee, while the committee is in general session. If all three agree the application meets the standards of admission requirements for the grade requested, it is presented to the entire group for approval. The entire committee then reviews the application with a detailed resume before each member. If all is in order, the application is approved. If additional information is necessary, the secretary is directed to request additional information from either applicant or references, in order that the application can be processed at a future meeting. It is emphasized that each application receives the detailed attention of the committee along with the supporting references, both academic and industrial.

Although the committee meets in New York City, every attempt is made to include members from other parts of the country. Those committee members living more than 250 miles from New York City are expected to attend at least three meetings a year in order that their work with the committee can be effective. It is customary to maintain the same members on the committee for a number of years since it takes time to get sufficiently acquainted with the admission requirements, that abnormalities can be spotted in an application. The Admissions

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5.
Committee is a dedicated, hard-working group, whose difficulties can be recognized when it is realized that it is sometimes caught between the cross fire of those who wish to maintain high standards of admission to the Institute and those who want to increase the membership roll by relaxing requirements.

The two questions that most frequently arise in regard to a membership application are involved with the words "engaged" and "years of responsible charge". The term "engaged" refers to the engagement of an engineer in chemical engineering as officially defined, at the time of application. The situation frequently arises where a man is graduated from college in Chemical Engineering but gets far afield with some other activity and decides he wants to join the Institute on a full member basis. Lower grades of membership permit entrance into the Institute without being engaged in some acceptable phase of chemical engineering, but full membership status requires that the applicant be so engaged. Frequently this becomes a knotty problem when the applicant is a well known individual in some scientific pursuit other than chemical engineering.

The other thing causing difficulty is "years of responsible charge". The number of years required is dependent on the educational background of the applicant. It does not mean responsible charge for conducting a student tour to Europe, as an example, but individual professional responsibility for important work in chemical engineering. This is an area where additional information is sometimes required of both references and applicants in order to establish the degree of responsible charge claimed.

Applications are examined in detail by the entire Admissions Committee, whose attitude is one of sympathetic examination consistent with the standards of membership of the Institute. The committee is not hard boiled, but it has a definite responsibility to maintain standards and conformity with established practice. No application is processed by an office clerk with a rubber stamp. Each receives careful consideration by the entire committee, all of whom are mature individuals of understanding and long experience in industrial or academic pursuits.

R. A. Clarke

6.

JOIN THE CHICAGO SECTION

NOW is the time to join the Chicago Section. If you do not pay your annual dues by December 31st, your name will be removed from the NEWSLETTER mailing list. Also, provision was made at the May, 1958 meeting that non-members of the Chicago Section shall pay \$0.50 more for dinners than dues paying members after January 1st. Please clip the coupon at the bottom of this page and send it in along with your check.

There are some local section members who have not as yet joined the National A.I.Ch.E. All prospective members may contact one of the following from whom application blanks for the National A.I.Ch.E. are available:

J. B. Atwater	Swift & Co.
H. F. Barry	Standard Oil Co.
R. Brabets	Armour Research
C. E. Degner	Standard Oil Co.
O. DuTemple	Argonne Labs.
E. Fruehauf	Standard Oil Co.
G. P. Lawless	S. C. Johnson & Sons
J. C. Linak	Standard Oil Co.
K. W. McHenry	Standard Oil Co.
W. J. McPherson	Wurster & Sanger
D. Miller	Argonne Labs.
L. W. Nelson	Carbide & Carbon Chem. Corp.
M. F. Oxenreiter	Standard Oil Co.
A. H. Pritzlaff	Standard Oil Co.
R. M. Robinson	Abbott Labs.
S. G. Sourelis	Wurster & Sanger
H. C. Thorne	Standard Oil Co.
A. A. Winkler	Corn Products Co.

A.I.Ch.E. - CHICAGO SECTION

Dues for 1958-1959

Name _____
 Mailing Address _____

Are you a member of the National A.I.Ch.E.

Yes No Interested in Joining _____

Please enclose your check or money order for \$3.00 made out to Chicago Section-A.I.Ch.E. and mail to S. G. Sourelis, c/o Wurster And Sanger, Inc., 5201 S. Kenwood Avenue, Chicago 15, Illinois

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A Chicago Section member, whose participation in the Salt Lake City Meeting was not noted in the last issue was H. F. Nolting, of Standard Oil, who presided at a symposium on alternate energy sources.

K. Kaufman, formerly with Spencer Chemical, has joined Amoco Chemical as supervisor of Plastics Market Research and Development. Another new member of the Plastics group is J. Buechele, formerly with Sun Oil. Three members of the Amoco staff attended the Paint Industries Show of 1958 at Cleveland, Ohio, in October. They were J. Eisner, R. Taylor and G. Eick.

W. Twaddle of Amoco was recently elected Membership Chairman of the newly organized American Association of Cost Engineers. Anyone interested in attending meetings of the Association should contact Bill.

W. Blesse has joined Witco Chemical as Unit Superintendent to run the new phthalic plant.

J. E. Iliff of Davidson-Kennedy Associates attended the Fertilizer Industry Round Table in Washington D.C., November 5 - 7.

A new member of the Chemical Engineering Department at Illinois Tech. is Dr. O. Levenspiel, who formerly taught at Buckwell and Oregon State. He is presently conducting research for the National Science Foundation and for the U.S. Air Force. Dr. Levenspiel is married and has three children.

Dr. D. A. Dahlstrom of the Eimco Corporation gave a speech on "New Developments in Continuous Filtration" at the October meeting of Milwaukee Chapter of the Master Brewers' Association of America.

A. L. Conn (Standard Oil) discussed the role of the chemical engineer in process development before the Northwestern University student chapter of the A.I.Ch.E.

R. E. Dudley of Standard Oil did NOT marry Bion Barger, as reported in the November NEWSLETTER. He DID marry Mirna Hildebrandt. Sorry, Dick and Mirna.

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PERSONAL NEWS (Continued)

Standard Oil reports the addition to its staff of A. Kuplis (University of Minnesota), H. E. Robb (Washington University,) and P.E. Schmidt (Drexel Institute).

Here are the new family additions:

Patrick James to W. T. Sullivan of Abbott Labs.

Kristel Mary to R. Benes of Corn Products

Peter to F. Velguth of Corn Products

Mark Richard to R. J. Misiorowski of Standard Oil



Mark your calendar to keep the date open for the NEXT meeting of the Chicago Section:

JOINT MEETING

of

American Institute of Chemical Engineers - Chicago Section
and

American Rocket Society - Chicago Section

Date: January 14, 1959

Place: Builders' Club

Speaker: Dr. Robert Peterson

Director, Booz, Allen and Hamilton
Applied Research Laboratories

Subject: "Economic Impact of Missiles in the
Chemical Industry"