W. J. Amoss, 'City Port Director, To Address Society

W. J. Amoss is a native of Baltimore, although he has lived most of his life in New Orleans. Coming here with his family at the age of one, he completed his education at Tulane University with an engineering degree in 1923. Even before his graduation from Tulane, however, he had worked at the Port of New Orleans as a surveyor on the construction of the Industrial Canal.

From 1924 through 1931, Mr. Amoss served as engineer on various construction projects in this country and in Latin America. For the ensuing 21 years, Mr. Amoss was connected with New Orleans Public Service, Inc., beginning his career there as an engineer and, following a period as industrial and commercial sales manager, was appointed general sales manager, advertising director, and finally vice president.

In World War I, Mr. Amoss served in the Army, but in World War II he was a Naval officer, returning to civilian life with the rank of commander. He became the Port of New Orleans' first director when the post was created in 1955. From 1956 to early 1960 he was executive officer and president of the Cuban affiliate of American and Foreign Power Co. In February, 1960, he returned to the position as Director of the Port.

Professor A. Lee Dunlap To Be Honored

Professor A. Lee Dunlap, who retired from his Professorship in Mechanical Engineering on June 30, 1960, after having served thirty-six years at Tulane University, will be honored at the Annual Meeting of the Society of Tulane Engineers.

Professor Mayer to Civil Engineering

Alumni will be interested to know that Professor John K. Mayer has now become Professor of Civil Engineering after having served in the Department of Mechanical Engineering for twenty-eight years.

Early in his career at Tulane, Professor Mayer took an interest in the field of soil mechanics and foundations and has been teaching both undergraduate and graduate courses in this subject for the Department of Civil Engineering. As interest in soil mechanics has grown, more and more students have been drawn to this field.

(Continued on Page 3)

Engineering Agenda

Homecoming 1960

Saturday, October 29th

2:30 PM—Room 205, Mechanical Engineering Building Society of Tulane Engineers. Wives are invited.

Speaker: Mr. W. J. Amoss, Director of the Port of New Orleans.

4:30 PM—Alumni House, Willow Street, Annual Meeting of the Tulane Alumni Association, followed by Alumni Supper (no charge).

8:00 PM—Football Game—Tulane vs. William & Mary. (Pre-game and Half Time ceremonies).

Join the Society of Tulane Engineers

Dean Johnson Writes Textbook

Engineering: Principles and Problems, written by Dean Johnson for his freshman engineering course, was published by McGraw-Hill Book Company, Inc. in May, 1960. As one professor commented, the book is intended to “keep engineering in engineering education.” It stresses the so-called engineering method, the evaluation of a situation where inadequate data frequently exist, assumptions must be made, and judgment and ingenuity must be exercised.

The approach used early in the year is to confront the beginning student with professional-type problems at the outset of his first year and to cast him in the role of the professional engineer in solving them.

Another feature is the approach to theory in engineering which cuts across departmental lines and emphasizes problems involving energy transfers and conversions.
THE TULANE ENGINEER
Published by the Society of Tulane Engineers whose officers are:
President...........A. J. Brodmann
1st. Vice President.....Henry L. Vix
2nd. Vice President
Stanley G. Dinkel
Secretary.......Henry Markel, Jr.
Asst. Secretary.............Timothy A. Crain
Treasurer........Joseph G. Stassi
Asst. Treasurer......F. "Gus" Perrin
Publication Chairman........Roy E. Johnson

EXECUTIVE COMMITTEE:
Members-at-Large
John Vogt
Chas. Bittenbring, Jr.
Past President...Edward A. McLellan
Annual Dues $2.60

OCTOBER 1960

THE SOCIETY OF TULANE ENGINEERS
The aims and purposes of this organization are as follows:
1. To keep members of this organization informed of the progress, activities and needs of the School of Engineering.
2. To provide closer contact between former students and faculty by providing information about their whereabouts and activities.
3. To provide employment placement service for prospective graduates and members.
4. To provide a means of raising funds for specific equipment and services.
5. To provide an advisory group whose purpose it is to recommend improvements in curriculum, instruction and classroom procedure.

TULANE'S DIVISION OF CHEMICAL ENGINEERING PRACTICES
By F. M. Taylor, Director

This past May the Department of Chemical Engineering concluded the
sixth renewal of the Division of Chemical Engineering Practice. The
1950 commencement added 19 new names to the growing list of Che-

mical Engineering graduates who have participated in this program. This
list now contains 101 names.

It was in the Spring of 1952 that
this unconventional idea of under-
graduate training was inaugurated
through the joint efforts of Tulane
and Pan-Am Southern at the Destre-
han Refinery.

Late in 1958 the Destrehan Refin-
ery was abandoned and the activities
of the Practice School were shifted
to the Norco Refinery of the Shell
Oil Company.

The members of the faculty who have served as directors of the Practi-
ce School over the years have never
deviated from the four original ob-
jectives of the program, which were:

1. To integrate previously learned facts and principles.
2. To train the students to exercise thought and judgment in screening and analyzing complex industrial problems.
3. To provide training in human relations.
4. To develop personal salesmanship—the student's ability to sell himself, his ideas and his work.

In pursuing the first two objectives a wide variety of live, practical problems, selected for their educational value, are assigned to the students who work on them in groups. These

See Your Name in Print!!
Fill in the form below, attach to a post card and mail to:
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We guarantee publication!!!

NAME: ____________________________ First _______ Initial _______
Branch of Engineering: ______________ Year: __________
Home Address: ____________________ Home Tel.: __________
Business Address: _______________ Bus. Tel.: __________
I am employed by: ________________ Firm Name: __________
News about job (type of work): __________
New about other grads: __________________________
Suggestions: ____________________________

(Continued on Page 4)
PROFESSOR VIET ON LEAVE

Associate Professor Daniel H. Vielt of the Department of Electrical Engineering is on leave this year. He is continuing graduate study at the University of Wisconsin with the expectation of earning the Ph.D. degree in Electrical Engineering. This is Professor Vielt's second year at Wisconsin since he was there in 1957-58 as a National Science Foundation Faculty Fellow. During the summer of 1958, he served as visiting Associate Professor of Electrical Engineering at MIT before returning to Tulane in the fall. His major interests lie in the field of power generation and distribution including power systems analysis on electronic computers.

(Segin, Continued from Page 1) degrees. His teaching experience includes two years as an Assistant Professor and Associate Professor at Brown University.

He has had industrial experience with Republic Aviation Corporation, Aircraft Icing Research Laboratories, ACO, and Union Electric Industries. He has specialized in research in heat and mass transfer by forced convection and has a substantial number of publications in this field. The courses which he will teach at Tulane include advanced convective heat transfer and vibrations.

He served as an ensign and a lieutenant (JG) in the United States Navy in World War II, serving as language officer in Malaya and later as an assistant engineer officer.

He is a member of ASME, Sigma Xi, Tau Beta Pi, and Pi Tau Sigma.

(Mayer, Continued from Page 1) of his time has been engaged in teaching in this field.

In making the change from mechanical to Civil Engineering, Professor Mayer will be able to devote a major proportion of his time to the development of graduate courses and research in soil mechanics and foundations and to the building of adequate laboratory facilities for undergraduate instruction and graduate research.

SOTE HONORS 1960 GRADUATES

A luncheon in honor of the 1960 graduates of the Engineering School was held at the University Center on May 16th. Sixty-two graduates attended and were presented membership in SOTE by President A. J. Brodtman.

McCarthy to Civil Engineering

Mr. C. Blase McCarthy, Assistant Professor in the Department of Civil Engineering, is a graduate of the Georgia Institute of Technology and also holds the degree of Master of Science in Civil Engineering from that institution.

During his undergraduate days at Georgia Tech, he was a co-op student with the Georgia State Highway Department and, following graduation, served as highway engineer for the Department.

His professional experience also includes positions as construction engineer with the Texas Company, foundation engineer with Frederic R. Harris, Inc., and civil engineer with Bedell and Nelson Engineers, Inc.

He comes to Tulane from the position of Instructor of Civil Engineering at the University of Florida. His major interest lies in the field of transportation. He is a member of the American Society of Civil Engineers, Sigma Xi, and Chi Epsilon.

SOCIETY OF TULANE ENGINEERS
FINANCIAL STATEMENT

October, 1959—October, 1960

Regular Operating Funds

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Cash on Hand October, 1959</td>
<td>$673.75</td>
</tr>
<tr>
<td>Dues Collected During Year</td>
<td>1,141.00</td>
</tr>
<tr>
<td>Transfer from Fred Fox Fund</td>
<td>16.43</td>
</tr>
<tr>
<td>Executive Committee Senior Luncheon Fees</td>
<td>21.00</td>
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<tr>
<td><strong>Total Cash on Hand and Receipts</strong></td>
<td><strong>$1,852.18</strong></td>
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</table>

Disbursements

<table>
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<tr>
<th>Description</th>
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<tbody>
<tr>
<td>Bank Charges</td>
<td>$8.13</td>
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<tr>
<td>Engineers Club of N. O. Participating Society Dues</td>
<td>12.00</td>
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<tr>
<td>Tulane University—Randall Hunt Room</td>
<td>5.00</td>
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<tr>
<td>Addressograph Service</td>
<td>24.15</td>
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<td>Printing Costs</td>
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<tr>
<td>Mailing Costs—U. S. Post Office</td>
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<tr>
<td>Senior Luncheon</td>
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<tr>
<td>James M. Robert Award Plaque</td>
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<tr>
<td>Transfer to J. M. Robert Leadership Award Fund</td>
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<tr>
<td>Tulane University—School of Engineering</td>
<td>300.00</td>
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<tr>
<td><strong>Total Disbursements</strong></td>
<td><strong>$1,336.98</strong></td>
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Cash on Hand October, 1960                        | $515.20   |

James M. Robert, Leadership Award Fund

<table>
<thead>
<tr>
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<tr>
<td>Balance in French Market Homestead October, 1959</td>
<td>$1,063.51</td>
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<tr>
<td>Dividends Received During Year</td>
<td>41.75</td>
</tr>
<tr>
<td>Transfer from Operating Funds</td>
<td>100.00</td>
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<tr>
<td>Less 1966 Award to Mr. Howard Thompson Smith</td>
<td>50.00</td>
</tr>
<tr>
<td><strong>Balance as of October, 1960</strong></td>
<td><strong>$1,155.26</strong></td>
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</table>

A. Lee Dunlap Fund—Receipts During Year

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph G. Stassi, Treasurer</td>
<td>$513.50</td>
</tr>
<tr>
<td>September 22, 1960</td>
<td></td>
</tr>
</tbody>
</table>
FROM THE MAIL BAG

Robert W. Adamson, Ch. E., '41, with the Mechanical Engineering Department of California State Polytechnic College has just returned from sabbatical leave, six months of which was spent with Argonne National Laboratory doing nuclear reactor design work.

C. A. Burton, Ch. E., with Australian Petrochemicals Limited, Sydney, Australia, writes the following: “Some information that may be of interest concerning Chemical Engineering in Australia. We (Australian Petrochemicals Ltd.) learned from the Professor of Chemical Engineering at the University of Sydney that all of the Universities in Australia will graduate about 35 Chemical Engineers come next December. I don’t know exactly how many Universities there are on this continent, but I believe 6 or 7 would be pretty close. The University of Sydney has a senior class of about 25. There are approximately 8 offers of positions for each graduate. The chemical industry is going through quite a growth phase. Projects for several Petrochemical plants to make synthetic organic chemicals are underway. A. P. L. has a chance of being the first one on stream, and we are striving to achieve this goal.

But to get back to chemical engineering—starting salaries are about 1/2 of those paid in the U. S.—as near as I can tell and living costs generally are higher. Big items, automobiles, appliances and so forth, cost about twice as much as they do in the U. S. This can most be attributed to a small population (about 10,000,000 people total) thus there is no mass market here, as compared to the U. S. Food costs are generally a little cheaper but if a family goes in for convenience items—frozen, canned and prepared foods—the price of food mounts swiftly. Most American housewives are used to the prepared foods and consequently the food bills here are no lower than the U. S. —maybe a little higher. Energy costs are higher and this reflects in the cost of home heating.”

George F. Eustis, M. & E. '29 is general Manager-Manufacturing with Esso S. A. Petrolera Argentina at Buenos Aires.

Angelo V. Graci, Jr., Ch. E., '49 with Wurster & Sanger, Chicago, designing vegetable oil solvent extraction plants.

Gerald E. Motal, E. E., '46 is general manager of Transportation department for Signal Oil & Gas at Los Angeles, Calif.

Allen N. Smith, Ch. E. '41, Head of Chemical Engineering Department, San Jose State College spent his sabbatical leave visiting European Chemical Engineering Schools.

Pete Mullins, M. E., '57, released from Air Force in February is now with ARO, Inc. doing high altitude simulation testing of rocket motors.


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Election Of Officers To Be Held At Annual Meeting

The election of new officers for the year 1961 will be held at the Annual Meeting of the Society of Tulane Engineers on October 29 at 2:30 p.m.

The following is the report of the Nominating Committee:

President...............Henry L. Vix
1st Vice Pres...............Stanley G. Dinkel
2nd Vice Pres...............Henry Markel, Jr.
Secretary...............Timothy A. Crain
Asst. Secretary...............F. Gus Perrin
Treasurer...............Roy E. Johnson
Asst. Treas...............Chas. Bittering, Jr.
Publication Chairman...............Joe Stassi

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Members at Large...............John Vogt
..................................Don Guiza
Past President...............A. J. Brodtkornn

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