SOCIETY HONORS ‘63 GRADUATES AT BUFFET SUPPER

Fifteen Students Receive Awards

On May 9, your Society was host to the 1963 graduating class at a buffet supper in the University Center. In addition to informing the graduates of the aim and purposes of the STE, the occasion was utilized for the presentation of awards to members of the class.

Guest speaker for the meeting was Mr. John W. Massey, a Saturn-Apollo project engineer at the National Aeronautics and Space Administration's George C. Marshall Space Flight Center in Huntsville, Alabama. Mr. Massey presented an interesting talk, supported by slides and movies, outlining NASA’s problems in getting a man to the moon and back.

preceding Mr. Massey’s talk, Dean Lee H. Johnson presented awards to 15 students from the College of Engineering. Receiving awards were:

- James V. Benedict of New Orleans, four awards, including the Leon H. Scherck Memorial Award for excellence in engineering scholarships; the Louisiana Engineering Society Award for the highest scholastic average in the School of Engineering; the James M. Robert Leadership Award; and the Hamilton Watch Company Award for interest in the humanities and the social sciences.

- Thomas M. Regan of New Orleans who won the American Institute of Chemical Engineers, (New Orleans Section) Award to the senior with the highest scholastic average in chemical engineering and the American Chemical Society (Louisiana Section) Award for excellence in chemical engineering.

Two Institute of Electrical and Electronic Engineers Awards were presented to Theodore J. Johnson of New Orleans for the best student.

(Continued on Page 4)

CECIL M. SHILSTONE
To be Featured Speaker At Annual Meeting

A widely known New Orleanian, Cecil M. Shilstone will address the annual meeting of our society during homecoming activities on October 26, 1963. Mr. Shilstone received his elementary and high school education at Gulf Coast Military Academy, Gulfport, Miss. He was graduated from Tulane University in 1935 with a B.ChE degree following which he did post graduate work at the University of Heidelberg and the University of Jena and Technical High School in Germany.

Upon his return to the United States in 1937 he became affiliated with Shilstone Testing Laboratory in New Orleans as a Chemist, Chemical Engineer and Testing Engineer. From 1942 to 1945 he served in the U.S. Army Chemical Warfare Service. After his discharge he became successively Director of Shilstone Testing Laboratories and Partner and General Manager of the Company’s

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Engineering Agenda

Homecoming 1963

Saturday, October 26, 1963

9:00 A.M. Registration for Annual Meeting, Society of Tulane Engineers, Room 205 Mechanical Engineering Building

9:15 A.M. Meeting called to order by Mr. Henry E. Markel EE‘56, President STE

Speaker: Mr. Cecil M. Shilstone Che‘55, Partner and General Manager Shilstone Testing Laboratory’s Louisiana Operations. Wives are invited to attend.

10:30 A.M. Annual Meeting Tulane Alumni Association, Alumni House, Willow Street near Stadium

12:00 M. Alumni Luncheon, Alumni House

2:00 P.M. Football Game—Tulane v. Georgia Tech, Pre-game and half-time ceremonies.

Election of Officers to be Held At Annual Meeting

The election of officers to serve for the 63-64 term will be held during the annual meeting of the Society of Tulane Engineers on October 26, 1963. The Nominating Committee proposes the following slate of officers to head the Society:

President: John F. Vogt
1st Vice Pres.: Roy E. Johnson
2nd Vice Pres.: Warren G. Moses
Secretary: Nestor B. Knoepfler
Asst. Treas.: George D. Moate
Treasurer: DeWitt L. Morris
Asst. Treas.: Frank S. Foster, Jr.
Publication Chairman: John E. Coles
Director: Arthur L. Jung Jr.
Director: R. E. Fortier

STE NEEDS YOUR HELP
THE TULANE ENGINEER

Published by the Society of Tulane Engineers whose officers are:
President........Henry E. Markel, Jr.
1st Vice Pres........John F. Vogt
2nd Vice Pres........Roy E. Johnson
Treasurer........DeWitt Morris
Asst. Treas........James J. Gannuchneau
Secretary........F. G. Perrin
Asst. Secretary........Frank S. Foster
Publications Chairman........Nester B. Knoepfler
Executive Committee:
Members-at-Large........Warren G. Moses
Past President........Stanley G. Dinkel

THE SOCIETY OF TULANE ENGINEERS

Dues $3.00 per year

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.

SHILSTONE

(Continued from Page 1)

Louisiana Operations, and is a licensed registered chemical engineer in both Louisiana and Texas.

He is active in professional, trade and civic organizations including the American Institute of Chemists, American Society for Testing Materials, Association of Consulting Chemists and Chemical Engineers, American Oil Chemists Society, American Chemical Society, Marine Chemists Association, Association of Official Racing Chemists, American Military Engineers, Louisiana Engineering Society, Texas Society of Professional Engineers, Bureau of Governmental Research, New Orleans Board of Trade, New Orleans Chamber of Commerce, and is a Board Member of the International House, Sewerage and Water Board of New Orleans, The National American Bank, Hotel Dieu, Barcom Inc., New Orleans Council of Boy Scouts of America, Loyola University, Tulane University, Sisters of the Holy Family, St. Vincent’s Infant Home, Industrial Development Council of Southeast Louisiana, The American Council of Independent Laboratories Inc., and The Greater New Orleans Tourist Commission. He is also a member of the New Orleans Country Club and the Pickwick Club.

He has served as president of the Industrial Development Council of Southeast Louisiana, the American Council of Independent Laboratories Inc., Maxwell Building Corp., and is currently vice president of the Greater New Orleans Tourist Commission, and treasurer Federal Research and Development Corp.

Check for $1,000 was presented to Dean Lee H. Johnson, dean of the Tulane School of Engineering, by the Woman’s Auxiliary of the Louisiana Engineering Society. With Dean Johnson are Mrs. Roy Cappel (right) president of the Auxiliary and Mrs. John L. Porter of the Fellowship Fund Committee. This brings the Fund total to $8,578. Monies are used to sponsor scholarships in engineering at Tulane.

The Graduate Fellowship of the Woman’s Auxiliary does not represent its only contribution to the School. The Auxiliary has set up and maintained a loan fund for engineering students of some $1,400. Small loans are generally made to senior students who need additional assistance in order to finish the last year of their undergraduate study.

The Woman’s Auxiliary also established a scholarship in 1950 in the amount of $500 per year in honor of the first president of the Auxiliary. It is designated as the Selina Elizabeth Bres Gregory Foundation Scholarship. Miss Angela Gregory, New Orleans sculptor and daughter of the founder, presented the School of Engineering with a plaque commemorating the founding of the Auxiliary in 1954. The plaque also provides plates for the names of the engineering students who hold this scholarship. It is interesting to note that the first name on this plaque is that of a woman, Rosemary Decker, who held the fellowship from 1954 to 1957 until she received her Bachelor of Science degree in Electrical Engineering.

The Woman’s Auxiliary has provided significant assistance to many engineering students during the past 12 to 15 years and deserves highest praise for the active interest in the School of Engineering and its loyal support.

He resides at 26 Audubon Boulevard with his wife, the former Frances Anderson Taylor. They have one son, Cecil M. Shilstone Jr. aged 12.

Mr. Shilstone’s topic will be “The Changing Times in Engineering.”
Nine Additions to Faculty

DR. WALTER M. NUNN, JR., Professor of Electrical Engineering, comes to Tulane from the Bendix Research Laboratories. He holds the Bachelor's degree from Tulane, the Master's from Oklahoma State University and the Ph.D. from the University of Michigan. He served as research engineer in microwave electronics for Hughes Aircraft and subsequently taught at the University of Minnesota before joining Bendix. He is currently building laboratories in microwaves and quantum electronics and will teach courses and direct graduate student research in these areas.

DR. DALE U. vonROSENBERG, Associate Professor of Chemical Engineering, is a graduate of the University of Texas and holds the Doctor of Science degree from MIT. He has served as research engineer with the Humble Oil and Refining Company in Houston with Esso Research Laboratories in Baton Rouge. He comes to Tulane from Louisiana State University. His work has been in the area of fluid flow involving single-phase and two-phase problems of multicomponent mixtures. He has specialized in the numerical solution of Problems using digital and analog computers.

DR. KAMAL-ELDIN HASSAN from Cairo University in Egypt will be Visiting Associate Professor of Mechanical Engineering during the coming year. He holds the Bachelor and Master's degree from that University and has earned the Ph.D. from the Illinois Institute of Technology. He has also taught at the University of Khartoum, Sudan, and has served as a refrigeration and air-conditioning engineer for the Ministry of Public Works in Egypt. He is a specialist in the fields of thermodynamics and heat transfer with particular applications to refrigeration and air-conditioning.

DR. STEPHEN C. COWIN received his Bachelor's and Master's degrees in Engineering Science from Johns Hopkins University and the Ph.D. in Engineering Mechanics from Pennsylvania State University. He will be an Assistant Professor in Mechanical Engineering. He has served as a part-time instructor at Loyola College in Baltimore and as a senior engineer with Aircraft Armaments, Inc., before becoming an instructor at Pennsylvania State University. He was assistant director for the Third Summer Institute for Effective Teaching for engineering teachers at Pennsylvania State University in 1962. His major field is engineering mechanics with special attention to continuum mechanics.

DR. VICTOR J. LAW, Assistant Professor of Chemical Engineering, has earned all of his degrees at Tulane. He has the distinction of holding the first Ph.D. in Engineering to be awarded by the University, this being received in August 1962. He has worked as a process engineer for the Continental Oil Company both in Oklahoma and in Louisiana. His interest within the broad views of chemical engineering are systems engineering, applied mathematics, and applied statistics.

DR. JAMES C. O'HARA, Assistant Professor of Mechanical Engineering, comes to Tulane from Ohio State University. He holds a Bachelor's degree in Aeronautical Engineering from the University of Texas and the Master's and Doctor's degrees in Mechanical Engineering from Ohio State. He has worked on wind tunnel and flight test projects at the Cornell Aeronautical Laboratory and on propulsion aerodynamics and secondary power at Wright-Patterson Air Force Base. His most recent professional experience has been as an engineer on the Titan project for space technology laboratories at Cape Canaveral. His work will be in the areas of fluid dynamics and aerospace engineering and he will serve during the coming year as director of the NASA research project on the suppression of noise from the Saturn rocket engines for the School of Engineering.

HUGH A. THOMPSON joins the faculty as an Instructor in Mechanical Engineering. He holds the Bachelor's degree from Auburn University and the Master's degree from Tulane. He expects to complete the work for the Ph.D degree in Mechanical Engineering during this year. He has held a fellowship in Nuclear Science and Engineering from the Oak Ridge Institute for Nuclear Studies for three years. He had had professional experience with the Socony Mobil Oil Company in Beaumont, Texas, and taught as a night school instructor for one year at the Lamar State College of Technology.

Two former members have rejoined the Tulane Engineering Faculty. JOHN L. NIKLAUS, who was formerly an instructor in Civil Engineering at Tulane and then an instructor for several years at the University of Washington in Seattle, has returned as Assistant Professor of Civil Engineering. He expects to receive the Doctorate from the University of Washington during the year. He holds the Bachelor's and Master's from Tulane University. He served as an engineering officer for several years in the U.S. Navy. His practical experience has been in highway engineering and mass transit analysis with the Washington State Highway Department. His field of interest is in transportation with particular attention to urban transportation systems.

PAUL F. DUVOISIN will be an Instructor in Electrical Engineering. He holds the Bachelor's and Master's degrees from Tulane and has served as an Instructor at Tulane for one year before leaving to enter industry. He returns to Tulane from his position as an engineer for The Boeing Company with whom he has worked at Huntsville, Alabama, and at the Michoud Plant at New Orleans. His particular interests are in the area of electronics and communications.

New Freshman Design Course

Associate Professor Chester A. Peyronin, Jr., in Mechanical Engineering is teaching a new freshman course in engineering design and analysis this year. He developed this course during the summer as part of the planned four-year sequence of courses in engineering design and analysis aimed at giving engineering students more adequate preparation for engineering practice.

The course will carry two semester hours credit each semester. The first semester will introduce the students to engineering design including types of design, the design process, and mental processes in design. Students will also learn about measurements, presentation and functions of engineering data, engineering problem formulation, engineering calculations including slide rule, digital computers and analog computers, and engineering models. The second semester will begin with engineering decisions involving probability, game theory, and linear programming. The remainder of the semester will be concentrated on engineering design and will include legal considerations, human factors, aesthetic considerations, such an reliability and safety, and administration. Students will finish the semester with engineering design presentations in the form of reports.
BUFFET & AWARDS

(Continued from Page 1)

paper and for activity in the student branch of the institute. An Award by IEEE was also presented to John R. Ruckstuhl of New Orleans for activity in the student branch.

The Frederick H. Fox Activities Award for outstanding activity and interest in the School of Engineering and outstanding participation in athletic and other extra-curricular activities was presented to John C. Stone, New Orleans.

Other Awards presented were: The American Institute of Chemical Engineers, National Society, Award for outstanding scholarship in chemical engineering studies to Thomas J. Fitzpatrick, junior student from Mobile, Ala.; the American Society of Civil Engineers, (Louisiana Section) Award for outstanding scholarship in civil engineering studies to Jack Di Lorenzo, New Orleans; the William Benjamin Gregory medal, Class of 1918 Award for outstanding scholarship in mechanical engineering to Blase C. Rau, Gretna, Louisiana; and the Machinery's Achievement Award for excellence in machine design to Thomas J. Roberts, Harahan, La.

Walter Blattmann of New Orleans received the Industrial Press Achievement Award for excellence in air conditioning, heating and ventilating.

The Frederick H. Fox Achievement Award, established in 1959 in honor of Frederick H. Fox, former head of the Department of Civil Engineering at Tulane, was awarded to Adrian J. Combe III, New Orleans, for outstanding participation in the Tulane student chapter of the American Society of Civil Engineers.

Anthony J. Munphyre of New Orleans received the William F. Tompkins Memorial Award for outstanding scholarship and extra-curricular activities.

J. Stuart Wood, New Orleans received the Chemical Rubber Company Achievement Award for excellence in general physics.

The C. W. Ricker Award established in 1963 in honor of Prof. Ricker, former head of the Department of Electrical Engineering, was presented to Kenneth G. Shutt, New Orleans, as the graduating senior with the highest scholastic average in electrical engineering.

The American Society of Mechanical Engineering Award for activity in the student branch was presented to Claude A. Greco, New Orleans.

SOCIETY OF TULANE ENGINEERS
FINANCIAL STATEMENT
November 15, 1962 through September 5, 1963

REGULAR OPERATING FUNDS
Receipts
Cash on Hand November 15, 1962 $135.52
1961-62 Dues Collected 102.50
1962-63 Dues Collected 1,306.50
1963-64 Dues Collected 10.00
Collected for Directory 1.00
Collected at Senior Award Banquet 114.00
Interest on Savings Account .37

Total Receipts $1,669.89

Disbursements
Addressograph Service $9.00
American Printing Company 270.33
Bank Charges 3.42
Check returned by Bank—Irregular Signature 3.00
Tulane Alumni Association 171.29
Tulane University—Sr. Award Banquet 321.88
Engineers' Club of New Orleans 12.00

Total Disbursements $800.92
Net Cash on Hand September 5, 1963 $868.97
Balance on Hand September 5, 1963 $1,258.66

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Fill in the form below, attach to a post card and mail to:
The Society of Tulane Engineers
Tulane University Alumni House
6319 Willow St.
New Orleans 18, Louisiana

We guarantee publication!!!

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Last________Year________
Branch of Engineering:_________________________
Home Address:____________________Home Tel.___
City:__________________________Bus. Tel._____
Business Address:__________________________
I am employed by:___________________________Firm Name:
News about job (type of work):________________________
News about other grads:__________________________

From The Mail Bag

Carol D. Greene, EE'48 is associated with the Boeing Company and is stationed at the Company's Saturn Branch Engineering Operations in New Orleans. He resides at 4758 Camelot Drive in New Orleans.

G. B. S. Ricketts, CE'34, The Boulevard, North Balwyn E-9, Victoria, Australia in a recent letter suggests that STE consider a "contributing membership" so that our help for the Engineering School could be increased.

SOCIETY OF TULANE ENGINEERS
TULANE UNIVERSITY ALUMNI HOUSE
6319 WILLOW ST.
NEW ORLEANS 18, LA.