NELSON TO SPEAK AT AWARDS BANQUET

Waldemar S. Nelson will be guest speaker at the Society of Tulane Engineers' Annual Senior Awards Banquet at the University Center on Wednesday, May 6, 1970 at 6 p.m.

Mr. Nelson, a 1936 Mechanical and Electrical Engineering graduate of Tulane University and past president of our society is president of the engineering and architectural firm of Waldemar S. Nelson and Company, Inc.

Mr. Nelson, whose topic will be "Engineering — The Foundation of Civilization," is also president of the recently created Board of Advisors of the Tulane School of Engineering, Chairman of the Tulane Alumni Fund and a member of the Tulane Board of Visitors.

At the Banquet, the accomplishments of students in areas of scholarship, leadership, and student activities will be recognized. All members are invited to attend. Reservations may be made by contacting the dean's office.

PRESIDENT'S MESSAGE

As a result of increased interest and participation on the part of our membership, it seems timely to reaffirm and clarify our objectives of association. The Society was established to promote a closer relationship among its members and with the School of Engineering and to provide services and mutual assistance to ourselves and to the School. All former students, seniors, and past and present faculty of the School comprise its membership.

The consistent increase in dues contributions both by number and amount and the fine participation in our annual meeting and the Senior Awards Banquet in recent years have been gratifying. Those who have not shared in these worthwhile undertakings are encouraged to do so. With the continued growth of the School, the need for unrestricted funds also continues to increase. This need can only be satisfied by the generous contributions of our membership.

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BOARD OF ADVISORS CREATED

The Board of Advisors for the School of Engineering was appointed and met for the first time at Homecoming Day 1969. The purpose of the Board, as stated by its charter is as follows: "The purpose shall be to work for the best interests of the Tulane School of Engineering and to advise the dean and faculty in this regard." The Board was created as a result of the new policy established by the Tulane Board of Administrators whereby each major division of the University becomes a separately financed unit. As the Chairman of the Board, Mr. Harry Keeler stated, the new policy places "each tub on its own bottom."

The new Board of Advisors, all members of which are alumni of the School, will assist in advising the School in three areas advising on programs to strengthen the financial position of the School, assisting the dean in this program for establishing a separate professional school of engineering, and promoting closer liaison between industry and the school. The President of the Board is Mr. Waldemar S. Nelson, President of Waldemar S. Nelson and Company in New Or-

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HOW TO HELP YOUR SCHOOL

Under the new policy of the Board of Administrators whereby each school is considered a separate division financially and is to have a balanced financial structure whereby the expenses are to be fully met by the income, contributions by alumni that are earmarked for their particular school are credited as income items for that school. Accordingly, it is suggested that all alumni who are willing to do so should earmark their contributions specifically for the "School of Engineering." The new pledge cards distributed by the Tulane Alumni Association provide a place to check for the School of Engineering. In this way, the financial picture of your School will be significantly improved. It is hoped that this new system will encourage alumni to be more generous in their contributions to their Alma Mater.
ASME HONORS JAMES M. TODD

Mr. James M. Todd, Fellow of the American Society of Mechanical Engineers, and consulting engineer in New Orleans, has been made an honorary member of this Society. Honorary membership was conferred on him during the winter meeting of the ASME in Los Angeles on November 19, 1969. This is the highest honor that can be accorded to a member of this Society.

The citation reads as follows: “Distinguished engineer, devoted servant of his profession, accepted leader in professional society affairs, recognized for his generous zeal in promoting understanding among the engineers of the Western Hemisphere.”

Mr. Todd, Sixty-eighth President of ASME, a native of Louisiana, received his B.S.M.E. from Tulane University in 1918 and after a year in the U. S. Army started his engineering career in New Orleans. After nine years on the staffs of several engineering companies, he formed his own company which designed and built installations in a wide variety of mechanical projects.

In public service, he was one of those who wrote the New Orleans Building Code and he sat on its administrative body for seventeen years. In the engineering profession, he was largely responsible for the modernizing of the engineers licensing law in Louisiana and played an important part in preparing the licensing laws in Alabama, Mississippi and Texas. He was President of Engineers Joint Council and as such led in the formation of the Pan American Federation of Engineering Societies, of which he served as Vice-President in 1951.

PAY YOUR STE DUES TODAY

SOCIETY OF TULANE ENGINEERS
Financial Statement

November 1, 1969 through March 20, 1970

RECEIPTS:
Cash on Hand, November 1, 1969 $ 694.23
Dues Collected 1,473.00
Donations Collected 1,339.56
Total Receipts for the Period $ 3,506.79

DISBURSEMENTS:
Printing Expenses, Tulane Engineer $ 478.30
Tulane Alumni Association, mailing expenses 388.10
Engineers Club, participating membership 30.00
Total Disbursements for the Period $ 896.40

Balance, Cash on Hand, March 20, 1970 $ 2,710.39

Collections represent 492 dues paying members
(Note: 3 persons sent $2.00 for dues)

Respectfully submitted,
John L. Niklaus, Treasurer

ENGINEERING WEEK — 1970

The Engineering Student Council, spearheaded by Sam Burguiere, President of the Council, declared the week of March 16-20 Engineering Week. The well-rounded program arranged by Mr. Burguiere and his able committees included meetings of students with faculty for exchange of ideas and better understanding of the field of engineering and of Tulane’s engineering school. The week’s program was kicked off by a “State of the School” address by Dean Lee Johnson.

Later in the week there was an open forum conducted by the Dean’s Student-Faculty Relations Committee in which students had an opportunity to make suggestions for improving the curriculum and the School, followed by departmental forums to discuss problems on the departmental level.

Also scheduled during the week were faculty research project presentations, a speaker program with Mr. Vernon C. Parker (C.E.57), Chief of Air Control of the Louisiana State Board of Health, speaking on the subject of air pollution, a program for freshmen for discussion of the various fields of engineering, a program for upperclassmen conducted by the student professional societies, an open house with displays and exhibits set up throughout the classrooms and laboratories, and a student-faculty softball game. The week’s activities were climaxed by the annual St. Patrick’s Dance on Friday night at the University Center.

TAU BETA PI

Four senior and two junior students in the Tulane University School of Engineering have been elected into the Louisiana Beta chapter of Tau Beta Pi, national honor engineering society.

The students were selected for their outstanding scholarship and exemplary character.

Elected were: Gary L. Allen, Dunedin, Fla.; Frank C. Fromherz II, Miller F. Conlin, Jr., and Ralph W. Junius, Jr., all of New Orleans, seniors; Wayne D. Johnston and Robert L. Meadow, both of New Orleans, juniors.
PRESIDENT — continued from page 1

Your dues contribution this past year enabled us to provide the school with an unrestricted gift of $2,500.00. As you know, this money is currently being used to refurbish the large lecture room across from the dean's office. New desks have been added, chalk board lighting is being installed, and plans are underway to install carpeting. Other needs such as new air-conditioning and a new speaker system are also being considered on a funds available basis.

We are looking forward to greeting as many of our members as possible at the Senior Awards Banquet on May 6, 1970 at the University Center, Kendall Cram Room.

Jay W. Oppenheim
President

EUSTIS MEMORIAL SCHOLARSHIP

The Ernest Lewis Eustis Memorial Scholarship has been established in the Tulane School of Engineering by J. Bres Eustis, E'34, in memory of his father, a graduate of the School of Civil Engineering in the College of Engineering in 1910. The late Mr. Eustis engaged in the private practice of civil engineering and surveying in the Greater New Orleans area through E. L. Eustis and Sons almost his entire career; he died August 12, 1968.

The late Mr. Eustis' five sons attended Tulane. They are J. Bres, E'34, Henry C., AR'37, and Lawrence B., A'48, all of New Orleans; Commander Ernest L., Jr., E'32, Redondo Beach, Calif.; and J. Ross, E'40, Winnetka, Ill. One of his four daughters, Sara (Mrs. Friedichs H. Harris of New Orleans), graduated from Newcomb in 1949. Three of his grandchildren also are Tulane alumni; Ernest L., III, B'67; Henry C., III, A'68; and J. Bres, Jr., E'65. His widow, the former Nell Bres, is a graduate of Newcomb College and was present for the announcement of the scholarship at the 1969 annual meeting of the Society of Tulane Engineers.

The donor has requested that the scholarship be awarded to a worthy and needy engineering student in any branch of engineering taught in the Tulane School of Engineering. The scholarship will carry an annual stipend of $300, and it will be continued each year throughout the life of the donor.

THANKS TO CLASS OF '44

The Society of Tulane Engineers wishes to acknowledge and thank the Class of '44 for their cash gift to the Society made in conjunction with their 25-year reunion held last October during Homecoming Week.

HAROLD A. LEVEY AWARD TO DR. BENEDICT

The recipient of the Harold A. Levey Award for 1969 for professional achievement during the period from five to ten years after graduation, was Dr. James V. Benedict, B.S.E.(M.E.) 1963. Dr. Benedict, a native of New Orleans, was the first alumnus of Tulane to earn the Ph.D. in mechanical engineering with a major in biomechanics. While he was still an undergraduate, Dr. Benedict began studying the engineering characteristics of human tendons. He continued this study during the time devoted to earning the Master of Science degree and has become recognized as one of the authorities in the nation in the physical properties of human tendons. He then became interested in head injury and in the stresses and strains produced in the brain by impact. His work was on the analysis of shock waves in the brain for which he considered the skull to be an elastic container. In a field which included scholars at the University of California, Michigan University, West Virginia, Tulane University and others, Dr. Benedict's work is regarded as being at the very forefront of sophistication.

The award was made at the annual meeting of the Society of Tulane Engineers October 25, 1969.

DR. WEAVER LECTURES IN GERMANY AND NORWAY

Dr. Robert Weaver has been appointed NATO Senior Faculty Lecturer to Germany and Norway. He will present the on-line use of computers for process control and related topics in effective system characterization and simulation methodology. In Europe he will be involved in work similar to that being done in the Jo Systems Laboratory at Tulane aimed at computer control in laboratory experimentation. He is also involved in assessing realistic alternatives for time-shared computing capabilities in the university environment. Dr. Weaver will be based at Tekniske Høgskole in Trondheim, Norway through April and then at Technische Hochschule Darmstadt in West Germany through May and June.
SHELL OIL PRESENTS LASER TO SCHOOL

A special laser system has been presented to Tulane University by Shell Oil Company, New Orleans, for use in the Tulane School of Engineering.

The Shell Optical Harmonic Analyser and Filter, called SOHAF, is one of seven such systems developed by Shell several years ago for use in the interpreting and processing of seismic records, according to Dr. Lee H. Johnson, dean of the School of Engineering.

Dean Johnson said the SOHAF will be used by an electronics and biophysics research group under direction of Dr. Y. J. Seto, associate professor of electrical engineering.

"The gift will be utilized in studies and investigations of dynamic response by unicellular organisms under the influence of electromagnetic fields and in a project involving studies of pattern detection technique applying to classification and identification of fingerprints," Dean Johnson said.

"The system is a hallum-neon laser, an optical system for spatial filtering, a remote television monitor, and a replica printing machine, and is an image-processing system allowing for manipulation of the two-dimensional image of an object illuminated by the laser beam."

Participating in the two research studies are Dr. Fang Jen Lin and Dr. Jane M. Seto, research associates in the department of electrical engineering, and Dr. E. P. Williamson, assistant professor of electrical engineering at Tulane.

BOARD — continued from page 1

leans. There are three vice-presidents, Mr. Michael J. Cade, Vice-President of New Orleans Public Service Inc., Mr. Gayden Derickson, Superintendent - Construction, of Shell Oil Company at Norco, Louisiana, and Mr. Henry F. LeMieux, President of Raymond International Inc. in New York, New York. The Secretary-Treasurer is Mr. Robert H. Boh, President of Boh Brothers Construction Company, Inc. in New Orleans. Other members of the Board are as follows: Jerome C. Baehr, R. Nelson Crews, James P. Ewin, Jr., George A. Heft, Claude J. Kelly, Jr., William R. LeCorgne, Edward J. McNamara, Jay W. Oppenheim, all of New Orleans, Ernest W. Beck of San Francisco, R. Neil Hutson of Arlington, Texas, Donald E. Jahncke, of Detroit, Harold H. Jaquet of Mexico City, John R. Riley of Savannah, Georgia, Jack B. St. Clair of New York City, Harold A. Timken of Rockville, Maryland, and Edwin Vennard of New York City.

PROF. BLESSEY NAMED TO NATIONAL ARBITRATORS

Walter E. Blessey, professor and chairman of the department of civil engineering in the Tulane University School of Engineering, has been named to the National Panel of Arbitrators of the American Arbitration Association, New York City.

As a member of the panel, Blessey will be called upon to hear and determine disputes in the construction industry.

The American Arbitration Association maintains throughout the United States a National Panel of Arbitrators, which is composed of experts in all trades and professions who serve as disinterested arbitrators in various disputes in business and industry.

Blessey, who is listed in the 1970 National Register of Prominent Americans, is a member of the Consulting Engineers Council and the National Council of Professional Engineers.

Recipient of the Wisdom Hall of Fame award of honor for outstanding achievements in the field of civil engineering, Blessey has conducted extensive research in photoelasticity and prestressed concrete.

Blessey has been a member of the Tulane engineering faculty for the past 26 years. In addition to his teaching duties, he operates an engineering consulting and design firm in New Orleans.

SEGHERS NAMED FHA DIRECTOR

Guy J. Seghers, Jr. (C.E. '56) was recently appointed Director of the New Orleans Insuring Office of the Federal Housing Administration with offices in the Federal Building at 701 Loyola Ave.

Previously he practiced as a consulting engineer on the design and construction of many structures including single and multi-family residences, schools, medical facilities, and commercial buildings in Louisiana and Mississippi. He has served on the Mayor's Advisory Committee to the New Orleans Community Renewal Program and as Vice-President of the Metropolitan New Orleans Chapter, Institute of Municipal Engineers. He has also served as President of the New Orleans Chapter, Louisiana Engineering Society.

He was Assistant Treasurer of the Society of Tulane Engineers in 1966-67, Treasurer for two terms from 1967-69, and is now a Director and Historian for the Society.

DR. VIET HONORED

Dr. Daniel H. Vliet, Professor of Electrical Engineering, was selected by the Western Electric Fund Award Committee of the Gulf-Southwest Section, American Society for Engineering Education as the recipient of the 1970 award for excellence in instruction of engineering students. The award was made at the annual meeting of the Section at New Mexico State College, Las Cruces, New Mexico on April 3. The Gulf-Southwest Section comprises members who live in Louisiana, Texas and New Mexico.

As the hundreds of alumni who have been taught by Dr. Vliet since he joined our faculty in 1950 can testify, this is a well-deserved honor.