JAMES MARSHALL ROBERT

The School of Engineering lost one of its most distinguished alumni and many generations of Tulane engineering students lost one of their ablest instructors and kindest friends, with the passing of Dean Emeritus James Marshall Robert on June 8, 1964.

Jim Robert, as he was known to his colleagues, brought to his classroom an unusual warmth, a keen sense of humor, and a fine personal touch that endeared him to his students. Beginning as an Instructor in Mechanical Engineering in 1906, he progressed to Assistant Professor of Experimental Engineering in 1912, Associate Professor of Machine Design in 1916, and Professor of Mechanical Engineering in 1929.

He accepted the deanship of this School in 1955, and remained in that office until his retirement in 1956. During his years as dean, he displayed a genuine interest in problems of his students which was reflected in his wise and understanding counsel.

Dean Robert carried on the traditions of the School for fine quality of instruction and high standards of scholarship for the students. Tulane engineering alumni have proven this time and again by their outstanding accomplishments in every phase of professional activity.

FROM THE MAIL BAG

Emile L. Stouse, M&E '17 is now retired. He makes his home in Pass Christian, Miss.

Andrew H. Payne, Jr., CE '33 is a consulting Engineer in his own business in Birmingham, Ala.

J. A. Planchard, BS '59 is a research chemical engineer with Humble Oil and Refining Company. Mr. Planchard was recently granted a U. S. patent covering a method of increasing the conversion of toluene to benzene and xylene.

OUTSTANDING STUDENTS HONORED AT ANNUAL SENIOR DINNER AND AWARDS NIGHT

The Society of Tulane Engineers were hosts at the annual senior dinner held last May 7. The senior class was addressed by Dr. Robert T. Nieset of Kalvar Corporation. Dr. Nieset discussed "Information Handling for The Engineer."

Dean Lee H. Johnson presented the following awards to the following students:

The American Institute of Chemical Engineers Awards:

A. Senior Award
   Recipient: Thomas J. Fitzpatrick
   B. Junior Award
   Recipient: Frederick F. Seale III

The American Society of Civil Engineers (Louisiana Section) Award:
   Recipient: Jens Lorenz

The Leon H. Scherck Memorial Award:
   Recipient: James William Watts

The Institute of Electrical & Electronic Engineers Awards:

A. For activity in the Student Branch
   Recipient: Amaury Piedra
B. For best student paper
   Recipient: Russell J. Gaspard

The William Benjamin Gregory Medal, Class of 1918 Award:
   Recipient: Cammie D. Smith III

The Louisiana Engineering Society Award:
   Recipient: James William Watts

The Frederick H. Fox Activities Award:
   Recipient: Edwin H. Diehl, Jr.

The American Society of Mechanical Engineers Award:
   Recipient: Cammie D. Smith III

The James M. Robert Leadership Award:
   Recipient: Robert Henry Killingski

The Frederick H. Fox Achievement Award:

(Continued on Page 3)

DEAN LEE H. JOHNSON TO SPEAK AT ANNUAL SOCIETY MEETING

New Officers to be Elected

Dean Lee H. Johnson will address the members of the Society of Tulane Engineers at the Society's annual meeting on Saturday, October 31, 1964.

The subject of the Dean's talk is "Frontiers in Engineering Education." The Dean's talk will be illustrated with a series of slides.

The election of officers for the 1965 term will be held at this meeting.

The following slate of officers is proposed by the Nominating Committee:

President—Roy E. Johnson CE '43
1st Vice President—Nestor D. Knoepfler Ch.E '40
2nd Vice President—DeWitt Morris ME '38
Secretary—George D. Coates ME '51
Ass't Secretary—John E. Coles EE '56
Treasurer—Henry I. Maddox EE '40
Ass't Treasurer—Frank S. Foster, Jr., CE '50
Publication Chairman—Jay W. Oppenheim ME '56
Director—Arthur L. Jung, Jr., ME '38

Director—G. Elmer May ME-EE '26

ENGINEERING AGENDA

Homecoming 1964
Saturday, October 31, 1964
9:00 A.M. Registration for Annual Meeting, Society of Tulane Engineers, Room 205, Mechanical Engineering Building.
9:15 A.M. Meeting to be called to order by Mr. John F. Vogt, Jr., BE '38 President STBE. Dean Lee H. Johnson will address the Society members.

(Continued on Page 3)
THE TULANE ENGINEER
Published by the Society of Tulane Engineers, whose officers are:
President John V. Vogt
1st Vice Pres. Roy E. Johnson
2nd Vice Pres. Warren G. Moses
Secretary Nestor D. Knoepfler
Asst. Secretary George D. Monte
Treasurer DeWitt Morris
Asst. Treas. Frank S. Foster, Jr.
Publication Chairman John E. Coles
Director Arthur L. Jung, Jr.
Director Bob E. Fortier
Past President Henry E. Markel, Jr.

OCTOBER, 1964

SOCIETY OF TULANE ENGINEERS

FINANCIAL STATEMENT
November 15, 1963 through October 7, 1964

REGULAR OPERATING FUNDS

Receipts
Cash on Hand November 15, 1963 .................................. $ 226.01
1962-63 Dues Collected ........................................... 12.00
1963-64 Dues Collected ........................................... 869.00
1964-65 Dues Collected ........................................... 48.00
Collected at Sr. Award Banquet .................................. 44.00
Collected for Directory ........................................... 1.00
Interest on Savings Account ...................................... 10.48
Refund on Postage .................................................... .32

Total Receipts .................................................. $1,211.41

Disbursements
American Printing Company ....................................... $ 115.36
Bank Charges ...................................................... .90
Engineers' Club Dues .............................................. 12.00
Press Craft Printing Company ................................... 34.25
Tulane Alumni Association ......................................... 150.44
Tulane University—Sr. Award Banquet ......................... 217.20

Total Disbursements ........................................... $ 530.15
Net Cash on Hand October 7, 1964 ................................ $ 681.26

JAMES M. ROBERT LEADERSHIP
AWARD FUND
Balance on Hand October 7, 1964 ................................ $1,269.78

D. L. MORRIS, Treasurer
October 7, 1964

SEWER SYSTEM RESEARCH
STARTED BY CIVILS

Civil engineers at Tulane have begun research work leading to the development of a more stable base for sewer systems laid in the soft coastal soil of Louisiana.

High infiltration rates and poor bases for sewer pipe have increased substantially the costs of sewer construction along the southern coast of Louisiana and Mississippi, according to Dr. Frank W. Macdonald and John K. Major, professors of civil engineering directing the research project.

A grant of $10,000, awarded by the W. S. Dickey Clay Manufacturing Company of Kansas City, Mo., with an additional $5,000 to be added next year, and a U. S. Public Health Service grant of approximately $9,000 are helping to finance the program.

NSF GRANT AWARDED
FOR UNDERGRADUATE RESEARCH

A $7,000 grant was awarded to Tulane University in August by the National Science Foundation for support of an undergraduate research participation program in mechanical engineering.

This grant will enable exceptional students to participate in research while in undergraduate study. The funds will support such participation by four students during the 1965-66 school year, and three during the 1965 summer session, and will help purchase equipment and supplies.

Dr. Ralph M. Rotty, professor and head of the mechanical engineering department, announced that several research projects are underway in the department in which students may participate. These include:

- Devising a technique to detect amounts of stress placed on metals through emission of noises from these metals when stretched; study of stress-strain characteristics of human muscles and tendons to determine a moist tendon or muscle ruptures; research into reflection of sound

(Continued on Page 3)

SUMMER INSTITUTE IN
MICROWAVE ELECTRONICS

During this past summer, the Department of Electrical Engineering in cooperation with University College held its first summer Institute in Microwave Electronics. The Institute was open to engineers and scientists holding bachelor's degrees, or having the necessary technical training and experience enabling them to benefit from such an intensive course.

The one-week course was given August 10 through August 15, with lecture sessions in the morning and laboratory periods during the afternoon. It was held in response to a growing demand for engineers who can effectively apply the principles of microwave electronics in basic research, in space communications, and in industry.

Subject matter considered during Institute included Waves on Transmission Lines, Microwave Signal Sources and Amplifiers, Microwave Radiators.

Dr. Walter M. Nunn, Jr., Professor of Electrical Engineering, conducted the Institute which took place in the new microwave instructional and research facilities at Tulane.
ADDITIONS TO FACULTY
DONALD R. ROWE, Associate Professor of Civil Engineering, is a native of Canada, and received his Bachelor's degree in Civil Engineering at the University of Saskatchewan. His Master of Science in Civil Engineering came from the University of Texas, where he has also completed all the requirements for his doctorate. He has done extensive work with the Department of Highways and Transportation in Saskatchewan on highway design, planning and maintenance. His principal field of specialization at the graduate level is radiological health. At Tulane he will work with graduate students in the field of sanitary engineering.

DR. CHARLES H. BECK, Assistant Professor of Electrical Engineering and Assistant Research Scientist in Electronics at the Tulane Computer Center, is a graduate of the University of Missouri and received both his Master's and Ph.D. degrees from the University of Kansas. He served with the United States Navy as a Line Officer after graduation, and then went to the Standard Oil Company as a Process Control Engineer. He comes to Tulane from the University of Kansas where he was an instructor of Electrical Engineering, his special interest being in system design involving logical design, pattern recognition, computer control systems, bionics and biomedical electronics. His work in information theory and biomedical data processing will contribute to the programs at the Computer Center and in the field of biomedical engineering.

DR. BAYLISS C. MCKINNIS, Assistant Professor of Mechanical Engineering, comes to Tulane from Yale University where he recently received his Doctor of Engineering degree. He also has the degrees of Bachelor of Science in Wood Technology and Master of Wood Technology, both from the University of Michigan; Bachelor of Science in Mechanical Engineering from the University of Texas; and Master of Science in Civil Engineering from Rice University. Among positions he has recently held are structural engineer for both the Dow Chemical Company in Houston and for Robert Cummins, Consulting Engineer, also in Houston. His principal fields of specialization are in elasticity and plasticity, with a secondary specialization in dynamics. He will continue this work at Tulane, teaching both at the graduate and undergraduate levels, and conducting his own research.

Outstanding Students . . .
(Continued from Page 1)
Recipient: John C. Stone
The William F. Tompkin Memorial Award:
Recipient: John C. Stone
The Chemical Rubber Company Achievement Award for Excellence in General Physics:
Recipient: Wyllmer C. Pool
The Hamilton Watch Company Award:
Recipient: John A. Meade
The American Chemical Society (Louisiana Section) Award:
Recipient: James William Watts
The C. W. Ricker Award:
Recipient: Joseph W. Wells, Jr.
The Louisiana Highway Engineer Association Award:
Recipient: William R. Mitchum II
The American Society of Testing Materials Certificates of Merit:
Bennett R. Bass
David R. Bernard
Edwin H. Diehl, Jr.
Jens Lorenz
Rainer Malitzke
John A. Meade
Camile D. Smith III
John E. Spear
John C. Stone
James B. Whiteside

NSF Grant . . .
(Continued from Page 2)
from velocity discontinuity to determine what happens to transmitted sound when interrupted by a crosswind; and the attempt to stabilize flame in high energy combustion chambers, such as the engine of a jet plane, in order to solve the problem of flame-outs in jets.

DR. GEORGE R. WEBB, Assistant Professor of Mechanical Engineering, comes to Tulane from the Virginia Polytechnic Institute, where he has been a Research Assistant in Engineering Mechanics, and received his Ph.D. His Bachelor of Science degree is from MIT, where his undergraduate major was Naval Architecture. During his undergraduate and graduate school years he did summer work with the Bethlehem Steel Co., and the Norfolk Naval Shipyard. He is teaching fluid mechanics and strength of materials this year.

THE TULANE ENGINEER FROM SUANT TO SUBLIME
by
John F. Vogt, Jr.
This is perhaps somewhat flowery phraseology, yet it is quite applicable to the power of our Society.

One of the primary aims of the Society of Tulane Engineers is to provide the means for raising funds for specific needs of the School of Engineering.

For the past few years this aim has been fulfilled by contribution to the School of the excess of dues collected after payment of our operating expenses.

The average dues-paying members of the STE are levied at about 500, of a possible 3,000 Engineering School alumni. This uniform low percentage of active members has seriously hampered your Society in effectively accomplishing its aims and purposes. Should we permit our energies to continue this course, we, of course, must accept the guilt of indifference and complacency.

Certainly every graduate of the Engineering School can look back and feel justifiably proud of the School's high standards and of the marked advantages inculcated in a Tulane education. Surely we were all trained to recognize mediocrity as no measure of prestige and respect. If each of us would but pay the nominal $3 dues each year, our power to fulfill the aims of the STE, of rendering a finer service to the School and accomplishing many projects of outstanding worth will be put to its full use. Let's complete the development of our professional attitude!

AGENDA
(Continued from Page 1)
10:30 A.M. Annual Meeting, Tulane Alumni Association, Kendall Room, University Center. Mr. Fredric Hard, former Dean of Newcomb College and past president of Scripps College will be the principal speaker.
2:00 P.M. Football Game—Tulane vs. VMI.
5:00 P.M. Open House at Alumni House.
SEE Your Name in Print!!

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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News about job (type of work):

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News about other grads:

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