DR. FRANK MACDONALD NAMED ACTING DEAN OF ENGINEERING

Dr. Frank W. Macdonald, Professor of Civil Engineering, has been named by Dr. Herbert E. Longenecker, President of Tulane, as Acting Dean of the School of Engineering to fill the vacancy created by the retirement of Dr. Lee Johnson. Dr. Macdonald's appointment to the acting deanship was effective July 1.

Dr. Macdonald is also Professor of Environmental Hygiene in Tulane’s School of Public Health and Tropical Medicine and served for several years as chairman of the Department of Environmental Hygiene. A native of New Orleans, he received his Bachelor of Engineering and Master of Science; both in Civil Engineering, and Doctor of Public Health Engineering from the Massachusetts Institute of Technology. He joined the faculty of Tulane’s School of Engineering in 1945. Prior to his Tulane appointment, Dr. Macdonald served as sanitary engineer with the Louisiana State Board of Health and the United States Public Health Service. He has served as consultant to engineering firms for 25 years, specializing in the design of water and sewage treatment plants. He has twice received fellowships from the World Health Organization to visit Brazil, Peru and Chile and later the Philippines, Thailand and India to observe health conditions in those countries.

Dr. Macdonald has served as President of the Louisiana Section of the American Society of Civil Engineers, Louisiana Engineering Society, and has been a national director of the National Society of Professional Engineers.

PRESIDENT’S MESSAGE

We take this opportunity to congratulate Dr. Frank W. Macdonald on his appointment as Acting Dean of the School of Engineering. President Longenecker has made an excellent choice in selecting such a fine gentleman and educator to continue the high standards of excellence at Tulane. The Society of Tulane Engineers dedicates itself and stands ready to assist Dr. Macdonald whenever possible.

STE has approximately 3800 members, unfortunately, only an estimated 500 to 600 pay their dues annually, or roughly 15% of the membership. There is no reason why this figure could not be 100%, yet to date only 13% have participated. The activities of STE are predicated on dues receipts and this year our expenses have exceeded the dues. An inspection of the treasurer’s report shows a dues collection of $1506.00. A special issue of the Tulane Engineer was printed in the beginning of the year, attempting to recruit new students for the school, but this should not be considered as a normal expense. However, not yet included in our expenses are costs for this fall issue which should be similar, bringing the total expected expenses to approximately $1750.00. Thus we will require, at minimum, another 80 or so paying members just to meet this year’s operating expenses with dues receipts.

We must endeavor to reserve the donations for our commitments to the School of Engineering. Your board is ever grateful for those members making such donations, yet these alone will not be sufficient to defray the promised monies for air conditioning and the special study made by the Dean’s office. Therefore, if

ANNUAL MEETING

SCHEDULED FOR NOVEMBER 4

This year’s annual meeting will be a luncheon meeting, scheduled for 12:00 noon on Homecoming Day, November 4. This will be the second year of a luncheon format for the meeting.

The event will take place in the Faculty Dining Room of the University Center. There will be a social hour at 12:00, with luncheon at 12:30. The program will feature a short talk by Acting Dean Frank Macdonald and a report on the progress of the search for a new dean by the chairman of the Search Committee, Dr. Daniel Vliet.

We hope that we will have good attendance. For reservation for the luncheon, call the Engineering Dean’s Office, 865-0105. Reservations should be made no later than November 2.

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WOMAN'S AUXILIARY TO THE NEW ORLEANS CHAPTER OF THE LOUISIANA ENGINEERING SOCIETY AWARDS FIRST SAMUEL McCAIN YOUNG SCHOLARSHIPS

Three sophomore civil engineering students at Tulane University have been honored by being awarded the first three Samuel McCain Young Scholarships established in 1972 by the Woman's Auxiliary to the New Orleans Chapter of the Louisiana Engineering Society.

The scholarships are provided through a bequest to the Auxiliary by the late Mrs. Samuel McCain Young in memory of her late husband to provide undergraduate scholarship support for engineering students in Louisiana, with preference for students in Civil Engineering. The first recipients are: Mr. Dalan John Bayham of New Orleans, Mr. Edward Joseph Downey of New Orleans, and Mr. Anthony Peter Napolitano of Metairie. All three are sophomores in Civil Engineering at Tulane.

The presentation of the awards was made by Mrs. William B. Martin, Jr., Mrs. Lawrence C. Grundmann, Jr., and Mrs. Albert J. Fransen who were officers of the Auxiliary at the time the scholarships were established.

The establishment of this fund will provide scholarship support for many worthy undergraduate students in engineering for years to come.

DEAN JOHNSON HONORED AT SENIOR-FACULTY DINNER

The picture above shows Dean Johnson with the golf bag given to him by the Society of Tulane Engineers as a retirement gift. The bag was presented to him in May at the annual senior-faculty dinner hosted by the Society.

As announced in the Spring, Dean Johnson will spend the next two years teaching. He has been named Emeritus Dean and the W. R. Irby Professor of Engineering.

ENGINEERING RESEARCH REPORTS

The Civil Engineering Department at Tulane University has received $251,000 from the Louisiana Department of Highways, in cooperation with the Federal Highway Administration, to conduct research for a two-year period on three projects.

Dr. Robert N. Bruce, Jr., Professor of Civil Engineering, will serve as principal investigator on two projects:

1) Elimination of draped strands in prestressed concrete girders, and
2) Splicing of precast prestressed concrete piles.

COME TO THE SOCIETY OF TULANE ENGINEERS' ANNUAL MEETING ON NOVEMBER 4, 1972

PAY YOUR 1972 DUES

Continued on Page 3
Society of Tulane Engineers
Financial Statement
August 15, 1972

Cash on Hand, January 1, 1972 $ 431.34
Dues Collected 1506.00
Donations Received 2561.00
Assessment, 26th Anniversary Luncheon 385.00

TOTAL RECEIPTS $ 4883.34

Expenses, 26th Anniversary Luncheon $ 308.17
Printing Expenses, Special Issue "Tulane Engineer" 195.57
Mailing Expenses, Special Issue "Tulane Engineer" 129.84
Engineers Club, 1972 Dues 30.00
Printing Expenses STE Award Certificates 17.61
Printing Expenses, Dues Notices 325.16
Mailing Expenses, Dues Notices 140.25
Printing Expenses, Spring Issue "Tulane Engineer" 219.70
Mailing Expenses, Spring Issue "Tulane Engineer" 127.75
STE share of Senior Awards Banquet 520.50
Miscellaneous Expenses 66.97

TOTAL DISBURSEMENTS $ 2681.52

Balance, Cash on Hand $ 2801.82

L. C. Grundmann, Jr.
Treasurer

ENGINEERING RESEARCH REPORTS
Continued from Page 2

In the first program, draped strands will be eliminated through the use of straight strands having certain unbonded lengths to create so-called phantom draped strands. The effect of these phantom draped strands on the strength and behavior of prestressed concrete girders is to be studied.

The second investigation is concerned with the problems of attempting to develop a satisfactory means of splicing a precast prestressed concrete pile at the time of driving so that driving may continue.

Dr. J. W. Mason, Acting Head of Department of Environmental Health and Assistant Professor of Civil Engineering, is serving as principal investigator on a study of the distribution and toxicity of MSMA applied to roadside rights of way. The purpose of the investigation is to jointly determine the likelihood of contamination of the immediate environment by arsenical residues and to determine the toxic effect of such contamination on selected aquatic species.

1972 FRESHMAN CLASS

The 1972 freshman class is essentially the same size as the 1971 class with 140 students. The class is an interesting one in composition and an excellent one in terms of talent. The students come from 21 states including Alabama, Arkansas, Florida, Georgia, Illinois, Indiana, Kansas, Louisiana, Maryland, Mississippi, Michigan, Missouri, Nebraska, New Jersey, New Mexico, New York, Oklahoma, Pennsylvania, Tennessee, Texas and Virginia. After Louisiana, the main state sources were Texas (16), Florida (8), New York (7) and Mississippi (5).

Freshmen in the class are from 11 foreign countries and territories including Aruba (Netherlands Antilles), Brazil, Canada, Columbia, Hong Kong, Lagos, Philipines, Uganda, Greece, Puerto Rico and Venezuela.

The new trend of increased interest of women entering engineering seems to be continuing with four young ladies joining the freshman class. While still a small fraction of the total class, this represents a substantial change from the traditional figure of 1 to 2%.

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PRESIDENT'S MESSAGE
Continued from Page 1

you have not paid your dues I implore you to sit down this very moment and write a check to STE for $3.00 and, if possible, include a few dollars donation to assure our ability to assist Dr. Macdonald in meeting these expenses.

It has been a pleasure to serve you as your president for this past year. There are programs a president anticipates when he takes this office, however the year passed so swiftly that the commitment seems empty. Perhaps we will save a few windmills for our future presidents.

William R. LeCorgne

1971 HAROLD LEVEY AWARD
TO WILLIAM deB. BRINGIER

Mr. William deBourg Bringier was the recipient of the Harold A. Levey Award for 1971. The award was presented at the annual meeting of the Society of Tulane Engineers on October 30, 1971, at the University Center. Mr. Bringier received his B.S. in Engineering degree in electrical engineering from Tulane University in 1962. He became interested in radio design and broadcasting in his undergraduate years and managed the Tulane broadcasting station, WTUL, for part of that time.

During his professional career, he has served as a consultant for the broadcasting industry and has worked with the Military Division of Zenith Radio Corporation in circuit design for air navigation systems. Mr. Bringier was responsible for the Pulse Converter and Time Correlation Unit for the Saturn SIC Program.

As Chief Staff Engineer of Technical Associates of New Orleans, Inc., Mr. Bringier has had design and supervisory responsibilities for control and automation systems both in the marine and industrial fields. This work includes automatic systems in LASH barge-carrying container ships, LHA ships for the Navy, and high-endurance Coast Guard cutters.

Mr. Bringier is presently Secretary-Treasurer of Technical Associates of New Orleans, Inc., and also a member of the Board of Directors of the corporation. Much of Mr. Bringier's present efforts are devoted to marketing and other corporate affairs in addition to technical matters.
DEAN'S SEARCH COMMITTEE

The Search Committee for the Appointment of a Dean for the Tulane School of Engineering has received excellent response to its requests for nominations. By the beginning of August the nominations numbered 216. Most of the nominations were submitted by the Engineering School students, faculty and Alumni, the Tulane Board of Visitors, the Tulane Board of Administrators, and Deans of other engineering schools.

Before the end of July the Committee had obtained biographical data on almost every nominee and had completed its initial screening. Ahead lies the task of interviewing prospective candidates and making recommendations to President Herbert C. Longenecker. The work of the Committee will not be completed until a Dean has been appointed.

The membership of the Committee is as follows: William R. LeCorgne representing the Society of Tulane Engineers; Waldemar S. Nelson representing the Board of Advisors to the Engineering School; Stephen C. Cowin, Victor J. Luv, Frank W. Macdonald, C. Jackson Sperry, and Daniel H. Vliet representing the Engineering Faculty; and Christopher J. Timken representing the Engineering Student Body.

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SOCIETY OF TULANE ENGINEERS

Nominations for 1972-73 officers:
President:
John L. Niklaus, CE '55
1st Vice President:
Daniel E. Kirkley, EE '55
2nd Vice President:
Lawrence C. Grundmann, Jr., ME '61
Secretary:
E. Carlton Guillot, Jr., CE '65
Asst. Secretary:
George A. Swan, CE '69
Treasurer:
Roger K. Battle, ME '55
Asst. Treasurer:
Frank M. Denton, CE '59
Director & Publication Chairman:
Leon H. Herkes, ME '57
Director & Historian:
Thomas L. Jackson, CE '70
Nominating Committee:
Claude J. Kelly, Jr. Chairman
Frank S. Foster, Jr.
Jay W. Oppenheim
Elections will be held at the Society's Annual Meeting on Saturday, November 4, 1972.

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1972 FRESHMAN CLASS

Continued from Page 3

Because of the very large graduating class of the last several years (over 100 in 1971-72), the total undergraduate enrollment dropped slightly this Fall. However, we have fared somewhat better than the national enrollment picture which showed freshman figures off 18% in 1971 and projections of a further substantial drop in 1972.

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THE TULANE ENGINEER
Published by the Society of Tulane Engineers, whose officers are:
President: William R. LeCorgne
1st Vice President: John L. Niklaus
2nd Vice President: Daniel E. Kirkley
Secretary: Roger K. Battle
Asst. Secretary: E. Carlton Guillot, Jr.
Treasurer: Lawrence C. Grundmann, Jr.
Asst. Treasurer: George A. Swan III
Director & Publication Chairman: Leon H. Herkes
Director & Historian: Frank M. Denton

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HOMECOMING 1972 — CALENDAR OF EVENTS

I. GENERAL ACTIVITIES — For all Alumni, their families, and friends:

HOMECOMING UNDER THE BIG TOP

Everybody loves the circus, and it will be circus time at Homecoming this year. The gala weekend for Tulane Homecoming “Under the Big Top” will be November 3-4, with a colorful circus theme highlighting the annual dance and activities at the Alumni House.

HOMECOMING DANCE

The Tulane Room of the Jung Hotel will closely resemble a circus arena the evening of Friday, November 3. “Happy Hour” will be from 8:30 to 9:30 p.m., with entertainment by “The Billy Fane Trio.” Larry Valentino’s Orchestra will provide music for dancing from 9:30 p.m. to 1:30 a.m. The B.Y.O.L. event will be $7.50 per person (including entertainment, set-ups, tax and tip); hors d’oeuvres may be ordered.

HOMECOMING PARADE

Bands, clowns, marching units, Homecoming court beauties, etc., on Saturday, November 4. Plan to watch the third annual parade and catch a double — 12:00 noon in University Section.

HOMECOMING REGISTRATION/CONVOCATION

Bring the children and enjoy a delightful afternoon at the Alumni House on Saturday, November 4. Registration begins at 2 p.m. and the annual Convocation (with no long-winded speeches) is set for 4 p.m. Listen to the lively singing of “The Tulanians,” and watch the Shrine clowns perform. There will be a carousel for the kids, and plenty of hot dogs, popcorn, cotton candy, and beer on tap.

TULANE VS. KENTUCKY

Kickoff time for the Homecoming football game with the University of Kentucky is 7:30 p.m. See the “new” Tulane Marching Band and a special Alumni Band at the game. Halftime highlights will include presentation of the Homecoming queen and her court, and the new president of the Tulane Alumni Association. A dutch-treat open house will be held at the Alumni House following the game.

II. SCHOOL OF ENGINEERING

SOCIETY OF TULANE ENGINEERS ANNUAL MEETING — 12:00 noon, November 4, in the Faculty Dining Room of the University Center (See separate article for details). For reservations, call the Engineering Dean’s office, 885-6105. Plan to come!

SOCIETY OF TULANE ENGINEERS
TULANE UNIVERSITY ALUMNI HOUSE
6319 WILLOW ST.
NEW ORLEANS, LA. 70118

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