1970—THE YEAR OF THE GREEN

PI TAU SIGMA CHAPTER INSTALLED AT TULANE

The Charter Chapter of Pi Tau Sigma, the Sigma Chi Chapter, of the National Honorary Mechanical Engineering Fraternity, was installed on May 15, 1970. A banquet commemorating the event was held at the Southern Yacht Club on the New Orleans lake front. The chapter was installed by two prominent Pi Tau Sigma members: Dr. Donald Haworth, Professor of Mechanical Engineering at the University of Nebraska and National President of Pi Tau Sigma; and Dr. Edward Jerger, Professor of Mechanical Engineering and Associate Dean of the University of Notre Dame and Central Region Vice-President of Pi Tau Sigma. The Master of Ceremonies at the banquet was Dr. Lee Harnie Johnson, Dean of the School of Engineering, Tulane University.

Several Mechanical Engineering faculty were initiated as Honorary Members: Kenneth H. Adams, Associate Professor of Mechanical Engineering; Louis P. Orth, Jr., Associate Professor of Mechanical Engineering; Chester A. Perronin, Jr., Professor of Mechanical Engineering.

Five distinguished mechanical engineers in the New Orleans area were also honored: Arthur L. Jung, President of Jung Realty Co.; Pendleton E. Lehde, Consulting Engineer and Industrialist; Waldemar S. Nelson, President; Waldemar S. Nelson Consulting Engineers and Co.; Clayton L. Nairne, Chairman of the Board, New Orleans Public Service Inc.; James M. Todd, Consulting Engineer and National Past President of the American Society of Mechanical Engineers.

Dr. DeWitt C. Hamilton, Jr., Professor of Mechanical Engineering and Department Head officiated at the ceremonies and Dr. Henry F. Hrubeczy, Professor of Mechanical Engineering, was elected by the membership as their Faculty Advisor for the new chapter.

Thirteen Mechanical Engineering students from the junior and senior classes also became Charter members. The Charter, Insignia, and photographs of the new Chapter are now on exhibit and will remain permanently so in the Mechanical Engineering Senior Room, Room 113, Mechanical Engineering Building.

Pendleton E. Lehde, one of five distinguished Mechanical Engineers, honored by Tulane's Charter Chapter of Pi Tau Sigma.

PRESIDENT'S MESSAGE

With the completion of the refurbishing and redecorating of Room 205 in the Engineering Building, our Board of Directors is looking ahead to new projects. We hope many of our alumni will attend the annual STE meeting on Saturday, November 7, at 2:30 p.m. in Room 205, to see first hand the fine improvements that have been made.

All of our alumni should be very proud of the results of their contributions to the School of Engineering.

Many worthwhile projects remain to be accomplished by STE. The newest objective (and our most ambitious to date) is the air-conditioning of a major section of the Engineering Building. This project was given a suspicious head start by Professor Louis Orth who prepared the complete design and cost analysis. Professor Orth's proposal includes Rooms 205, 206, and 208 and incorporates a unique flexibility to satisfy the many varying needs of the building.

The preliminary estimate of cost for this effort is $14,000. Although considerable... (Continued on page two)
A.S.M.E. STUDENT CHAPTER HAS BANNER YEAR

The Tulane A.S.M.E. Chapter (1969-70) started the "Year of the Green" on a highly successful note. Chairman William Foret, Vice-Chairman John Haines and Secretary-Treasurer, Steven Perin led the Chapter in its activities with excellent support from the membership. The efforts of the group were acknowledged by the A.S.M.E. Regional Director by awarding Tulane the Bendix Award as the outstanding Student Section in the Southwest Region of the A.S.M.E. The International Southwest Region includes the 15 active Engineering schools in a four state area of the U. S. (Arkansas, Louisiana, Oklahoma and Texas) and the neighboring country of Mexico.

During the spring, Elias E. Ezra won a chapter speaking contest and the right to represent Tulane at the Regional Student Paper Competition. This he did with distinction as he continued on to win the Louisiana primary warm-up trophy and followed this by taking first place in the Regional Competition. This winter he will compete in the National Student Paper Competition in New York. Mr. Ezra also has a written paper entered in national competition which will be judged this winter. The written paper carries a $500 first place prize and strong national recognition.

Steven Perin was awarded the "Outstanding Section Member" award by the New Orleans Chapter of A.S.M.E., and Elias Ezra received the National "Outstanding Member" award as recommended by the group's Faculty Advisor, Mr. L. P. Orth, Jr.

DR. TAYLOR RETIRED

Dr. Francis M. Taylor, Professor of Chemical Engineering, retired on June 30, 1970, after thirty-two years on the faculty. Dr. Taylor came to Tulane in 1938 from Ohio State University. He will be remembered by many classes of Chemical Engineering students to whom he taught unit operations. He has been the instructor in charge of the Chemical Engineering Practice Division for seniors since its start in 1952. He has also taught the summer unit operations laboratory since its beginnings.

Dr. Taylor says he hasn't any definite retirement plans other than to take it easy at his home on Fern Street, with perhaps an occasional trip with Mrs. Taylor to visit his married daughter in Washington, D. C. and his son, a physician, in New Mexico.

President—continued from page 1

sistance is anticipated from the University and from the new Board of Advisors, this project cannot be made a reality without the support of STE.

I know that all of our members will continue to help with dues and contributions so that the Society of Tulane Engineers will remain a vital factor in the growth of the School of Engineering.

Jay W. Oppenheim

SOCIETY OF TULANE ENGINEERS

Financial Statement
August 12, 1970

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John L. Niklaus
Treasurer

THE TULANE ENGINEER

Published by the Society of Tulane Engineers, whose officers are:

President——Jay W. Oppenheim
1st Vice President—Claude J. Kelley, Jr.
2nd Vice President—William R. LeCorgne
Secretary——James I. Wadsworth
Asst. Secretary——Roger K. Battle
Treasurer——John L. Niklaus
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Director & Publication——Lawrence C. Grunman, Jr.
Director——Guy J. Seghers, Jr.
Past President——Frank S. Foster, Jr.
April, 1970

ANNUAL MEETING ROOM REFURBISHED

The Society of Tulane Engineers has held its annual meeting in Room 205, Mechanical Engineering Building, for many years. About two years ago it undertook a project of refurbishing the room. Last year new steel and plastic table arm chairs were purchased with funds given by the Society to the School. These replaced old, rickety wooden chairs that had been used for countless years.

When the alumni come to the annual meeting this year, they will be greeted by beautiful wall-to-wall carpeting, a freshly painted room, and new blackboard lights, again, all due to your generosity through the Society of Tulane Engineers. Please plan to come and see it at 2:30 p.m. on Homecoming Day, Saturday, November 7.

SOCIETY OF TULANE ENGINEERS

Nominations for 1970-71 officers:

President:
— Claude J. Kelley, Jr. — CE ’51
1st Vice President:
— William R. LeCorgne — CE ’59
2nd Vice President:
— John L. Niklaus — CE ’55
Secretary:
— Guy J. Seghers, Jr. — CE ’56
Asst. Secretary:
— Hugh R. Babylas — ME ’61
Treasurer:
— James I. Wadsworth — CH’60
Asst. Treasurer:
— Daniel E. Kirkley — EE ’55
Director & Publication Chairman:
— Lawrence C. Grunman, Jr. — ME ’61
Director & Historian:
— Roger K. Battle — ME ’55
Nominating Committee:
— Frank Foster, Chairman
— DeWitt Morris
— John Coles

Elections will be held at the Society’s Annual Meeting on Sat., Nov. 7, 1970.
NEW CO-OP PROGRAM STUDIED
A study is underway at Tulane to plan a new cooperative program in engineering for students from disadvantaged backgrounds.

Coordinators of the program, which is supported by a grant from the U.S. Department of Health, Education, and Welfare and is scheduled to begin in September, 1971, are John L. Martinez, assistant dean of the Tulane School of Engineering and professor of mechanical engineering, and Dr. George R. Webb, associate professor of mechanical engineering.

The project is designed to recruit and admit increased numbers of qualified but disadvantaged students and to provide for their financial support while at Tulane. The program aims to develop a cooperative plan in which students are able to work during the summers to help finance their education during the school year.

The current academic year will be devoted to specific planning, including visits to research and design offices, industrial plants, laboratories, governmental agencies and regional planning departments to identify prospective employers of co-op students; consultations with local high school teachers to determine what, if any, remedial studies are necessary for the typical entering co-op student; and acquainting high school students, science and mathematics teachers and guidance counselors with the program and with the type of student for whom the program is designed.

DR. WEBB AND ASSISTANT DEAN MARTINEZ DISCUSS ASPECTS OF NEW CO-OP PROGRAM

SEVEN RECEIVE FACULTY PROMOTIONS
Seven faculty members received promotions in rank effective July 1, 1970. Four were promoted to full professorships. They were Dr. Charles H. Beck in Electrical Engineering, Dr. Robert L. Drake in Electrical Engineering, Dr. Victor J. Law in Chemical Engineering, and Dr. Y. J. Seto in Electrical Engineering.

The following three faculty members were promoted to associate professorships: Dr. Robert P. Chambers in Chemical Engineering, Mr. Louis P. Orth in Mechanical Engineering, and Dr. Edward P. Williamson in Electrical Engineering.

DR. STEIMLE APPOINTED IN CIVIL ENGINEERING
Dr. Stephen E. Steimle has been appointed Assistant Professor of Civil Engineering filling a vacancy created by the resignation of a faculty member a year ago. Dr. Steimle is a graduate of the School of Engineering at Tulane and was awarded the degree of Doctor of Philosophy in 1969. He specialized in environmental engineering as a graduate student. Prior to joining the faculty he spent two years as a public health engineer with the Health Department of the City of New Orleans.

NEW PART-TIME GRADUATE PROGRAM IN MECHANICAL ENGINEERING
Working engineers in the New Orleans area may now work on a Master of Engineering degree as part-time students in a new early morning program offered by the Department of Mechanical Engineering. Twenty-three engineers from ten employers enrolled in the program in September.

Classes in this unique program are scheduled from 7:00 a.m. to 8:15 a.m. four mornings a week. The format allows part-time students to complete, in four semesters, the 24 semester hours of lecture courses required for the Master’s Degree. Instead of a thesis each student chooses an individual problem in engineering design, analysis, or research which may be completed at his convenience and for which he receives a credit of six semester hours.

Dr. DeWitt C. Hamilton, Jr., Head of the Department of Mechanical Engineering, hopes that industries in the New Orleans area will cooperate by allowing their engineers to work toward the Master’s Degree through tuition plans and a slightly later work starting time, if necessary.
DR. BECK TO CONDUCT SEMINAR IN WYOMING

Dr. Charles H. Beck, professor of electrical engineering and director of the School of Engineering's Systems Laboratory, will conduct a seminar October 30 at the Laramie Energy Research Center, Laramie, Wyoming.

The meeting for computer specialist representatives from educational, industrial and governmental organizations is being sponsored by the United States Department of the Interior's Bureau of Mines.

During morning and afternoon sessions Dr. Beck will discuss his Tulane research using the Minuteman I computer.

Originator of the plan to reuse these computers which have been declared excess by the U. S. Air Force, Dr. Beck will highlight his hybrid computer design system projects, including studies being made for automated medical laboratory techniques.

Dr. Beck was recently awarded a $37,996 contract by the U. S. Army Medical Research and Development Command for a special research project on chemical laboratory equipment used in the field of medicine, which is one phase toward accomplishment of automated medical laboratory techniques. He is national chairman of the Minuteman Computer Users Group, composed of engineers and scientists throughout the United States and Canada who are working with these computers, and will report on his work at the group's meeting on November 16 at the University of Houston. He will preside at the meeting.

HOMECOMING 1970 — CALENDAR OF EVENTS

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

HOMECOMING COCKTAIL DANCE — FRIDAY, NOVEMBER 6, 8:00 PM - 1:00 AM — The Plimsoll Club, International Trade Mart Building. Music by Rene Louapre's Orchesta — $10 per person (includes admission, two complimentary cocktails, hors 'd'oeuvres on every table) — 8:00-9:00 PM Social Hour, 9:00 PM - 1:00 AM Dancing. Dutch treat bar after complimentary cocktails. Make table or individual reservations with the Tulane Alumni Office, 6319 Willow Street, New Orleans, La. 70118.

HOMECOMING PARADE — SATURDAY, NOVEMBER 7, 12:30 PM — University Section.

CONVOCATION OF THE TULANE ALUMNI ASSOCIATION — SATURDAY, NOVEMBER 7, 4:30 PM — Alumni House Garden.

Speaker: Dr. John R. Hubbard, President, University of Southern California and former Dean of Newcomb College.

Topic: "The View from New Delhi".

Supper for Alumni, their families and friends and faculty — $2.50 per person. If possible, send checks in advance to Tulane Alumni Association, 6319 Willow Street, New Orleans, La. 70118.

1970 Homecoming Doubloons (popular Collector's items) will be thrown in the parade and given to those who attend the dance and the Convocation.

HOMECOMING REGISTRATION — Tulane Alumni House — 3:30 PM-4:30 PM

TULANE vs. UNIVERSITY OF MIAMI (FLORIDA) — SATURDAY, NOVEMBER 7 — Kickoff 7:30 PM — Tulane Stadium — Halftime Ceremonies will include presentation of the Homecoming Court and Introduction of the new President of the Tulane Alumni Association.

OPEN HOUSE — TULANE ALUMNI HOUSE — AFTER THE GAME.

II. SCHOOL OF ENGINEERING:

SOCIETY OF TULANE ENGINEERS ANNUAL MEETING — 2:30 PM, Saturday, November 7 — Room 205 Mechanical Engineering Building.

Panel Discussion: "The School of Engineering Looks to the 70's" Dr. John L. Nicklaus, Mechanical Engineering Faculty Member will serve as Moderator.

Panelists will include:

Professor James A. Cronvich, Electrical Engineering
Professor Walter E. Blessey, Civil Engineering
Professor DeWitt C. Hamilton, Mechanical Engineering
Professor Raymond V. Bailey, Chemical Engineering
Mr. Jimmie Dale Koostz, Engineering Student Body President

1970 REUNIONS

FRIDAY, NOVEMBER 6
Engineering 1955 — Cocktails — 6:30-8:30 PM
Home of William A. Baker, Jr., 1125 Octavia Street

SATURDAY, NOVEMBER 7
Mechanical Engineering 1950 — Cocktails before game — 5:30 PM
Buffet after game, at home of Mr. Henry Franklin, #1 Swan Street

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

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1970 — YEAR OF THE GREEN