DR. SOGIN NEW HEAD OF MECHANICAL ENGINEERING

On September 1, Dr. Harold H. Segin became administrative Head of the Department of Mechanical Engineering replacing Professor Edward H. Harris who has returned to full-time teaching in the department. Dr. Segin, a native of Illinois and graduate of Illinois Institute of Technology, served on the faculties of his alma mater and of Brown University before coming to Tulane in 1960.

Dr. Segin's principal research interests are in the fields of heat transfer and thermal design and he is the author of numerous articles on this subject. His Honor Society memberships include Tau Beta Pi and Pi Tau Sigma, and in 1976 he was awarded the Pi Tau Sigma — ASME Student Chapter's outstanding teacher award.

We are fortunate to have distinguished scholars serve the Department of Mechanical Engineering at this critical time in its history. Dr. Segin was the choice of the Mechanical Engineering faculty to succeed Professor Harris. His selection by the Mechanical Engineering faculty is a measure of the respect which he has been accorded throughout his career.

VENEZUELAN PROGRAM

With the beginning of the fall semester, the School began a new educational program for the purpose of training Venezuelan engineers in the construction and operation of offshore platforms for petroleum exploration and production. The motivation for this program derives from Venezuelan plans for exploration on their outer continental shelf for petroleum reserves. As their plans move forward, there will be extensive drilling from depths currently at a maximum of approximately 100 feet to depths exceeding 500 feet. The technology for this effort has already developed in New Orleans and Houston. Under contract with Delavon, a subsidiary of Petroles de Venezuela, three engineers arrived in New Orleans to begin a program consisting of classroom instruction and visits to numerous corporations in the New Orleans area and in Houston. This program seeks to maximize potential for Tulane in that it directly addresses a long-standing combination of academic and community interests.

FALL CLASS

The incoming freshman class for 1978 was 226 as compared to last year's 277. This was by design since a larger class presents scheduling problems at the upper class level. The quality of the class was slightly better than last year with verbal and math SAT's of 546 and 632 as compared with 534 and 628. These figures do not include minorities and foreign students whose scores are not really a measure of their academic ability. There are students from 31 states and 11 foreign countries. The numbers from the midwest and northeast are up --- either due to John Martinez's active recruiting or the cold winter. The number of women and minorities continues at about the same level as last year with number of 46 and 38.

The picture above shows a group from Freeport Sulphur Company presenting a check to Dean Thompson to assist in the School's program of upgrading undergraduate laboratories. From left to right: Al Hiller, Fred Touro, D.L. Morris, Dean Thompson, E.J. McNamara, Mike Salvatore.
NEW PROFESSORS

DONALD R. OWEN, JR., Associate Professor of Biomedical Engineering, is a chemist and materials scientist. A native of Texas, he comes to Tulane from the Division of Artificial Organs of the University of Utah where he served as a Polymer Scientist and Assistant Professor of Materials Science and Surgery. He is a graduate of The Citadel with a Bachelor of Science in Pre-Medicine of the University of Southern Connecticut with a Master of Science in Chemistry and of the University of Houston with a Ph.D. in Chemistry. He has also served on the faculty of the University of southern Mississippi and as a polymer consultant and as a research and development chemist for various industries. He is the author or co-author of many articles on polymers. He has most recently been involved in research in the development of fabrication techniques for use of thermoplastic polyurethanes in cardiac assist and support devices.

SHAW Y. YU, Professor of Civil Engineering. Dr. Yu has recently served on the Department of Environmental Sciences of the University of Virginia, previously having been on the faculties of Rutgers and Cornell. He earned a B.S. degree in Civil Engineering at The National Taiwan University, a Master of Science in Hydraulics and Hydrology at Cornell University and a Ph.D. in Hydrology and Environmental Engineering also at Cornell.

Dr. Yu is an expert on water resources and is already working with Dr. Terence McGhee of the Civil Engineering Department on a research study for the U.S. Corps of Engineers on the development, calibration and application of a water quality model to evaluate the effects of navigational improvements in the Red River.

JAMES F. LEATHRUM, Visiting Professor of Computer and Information Systems, is on sabbatical leave from the University of Delaware where he is Chairman of the Department of Statistics and Computer Science. He brings to Tulane experience in teaching computer design and in the general computer science concept of service teaching. He is a native of Delaware, with an undergraduate degree from the University of Delaware and M.A. and Ph.D. degrees from Princeton University. He is the author and co-author of many publications on various aspects of computer science and a consultant in estimation theory, control theory and modeling and computer language design for industry and for the U.S. Army.

Center. A cash bar will be open prior to the 11:30 a.m. October 21st meeting to allow alumni to enjoy the company of friends and schoolmates. Your officers and Beth Hoffman have worked hard to return the annual meeting to a luncheon. We look forward to seeing many of the alumni on that occasion.

Another matter that requires some mention in my report to the membership is finances. Total income this past year including dues and contributions has hit an all time low. The Society normally collects approximately $2000 in dues and $4500 in contributions. This last year's dues netted approximately $2500, but contributions amounted to only $2000. The Society has participated in the laboratory renovation program over the past few years. Since that program is complete, we have set a new goal for ourselves. We will have news about that program at the annual meeting. Without the contributions, we cannot embark on any new programs for the school. The $2500 in dues doesn't even cover our printing, mailing and the cost of the annual awards dinner.

The past meeting of the executive committee for the Society reviewed the financial situation facing the Society. We had to face the serious problem of increasing the annual dues or curtailing our program of improvements for the school. The committee has elected to increase the annual dues from $3.00 per year to $10.00 per year. We ask that you continue to add a contribution to your dues each year. Remember, this contribution is tax deductible and it will be used toward improving your school.

Since this is my last report as president of the Society, I would like to thank my fellow officers and the Dean's office for the tremendous amount of help that they have given me during the past year.

Yours very truly,
Society of Tulane Engineers

Thomas L. Jackson
President, 1977-78
STE STUDENT CHAPTER

Until this year the officers of the student chapter of STE were the student council members. But now the student STE "board" is comprised of STE officers and the officers of the professional societies. Although a separate entity, the student chapter plans to work closely with the student council in an effort to increase contact between the engineering school and the alumni.

Plans for Engineering Week are underway with the date set for February 5-9. Speakers will be scheduled to share their knowledge of various engineering topics and all interested listeners are invited to attend. One of the topics to be covered in the Engineering Week Symposium is summer and graduate employment. An officer from STE will discuss the possibilities of summer employment and talk to students concerning the preparation of a resume. Chevron Oil Company will also be sending a representative to inform students as to what responsibilities and projects they can expect to encounter as newly hired engineers. Various other topics of interest to student engineers will be discussed.

Also, during Engineering Week, each of the departments of the school will display a project related to their specific field. Local junior and senior high school students will be invited to tour the laboratories and to see the Engineering Week exhibits. Also, for the high schoolers, a lecture concerning admissions will be held.

And, of course, Engineering Week will be wrapped up with the annual St. Pat's Dance. This year the dance is scheduled for Friday night, February 9, 1979. So come to the St. Pat's Dance and have a good time!

The school is in the process of raising funds to support our week. Anyone able to donate televisions, stereos, cars, trips to Hawaii, resort homes, etc. as raffle prizes, please contact or leave a message for Julie Bonnette by calling the Engineering Dean's Office. We're depending on you to give us your support to ensure the continued growth and success of the Engineering Week at Tulane.

STE Student Chapter
President

NEWS BRIEFS

Marx Isacns, ChE. '29, has been named a Fellow of the American Institute of Chemical Engineers and was recently appointed Southwestern Editor of CHEMICAL PROCESSING Magazine.

Professor Edward H. Harris of Mechanical Engineering will conduct a special "Faculty Initiated Colloquium" in the College of Arts and Sciences in the Spring Semester of 1979. The colloquium will deal primarily with career choices among undergraduates. In addition to his rank of Professor of Mechanical Engineering, Professor Harris has an appointment as Adjunct Professor of Philosophy in the College of Arts and Sciences.

Dr. Robert G. Watts, E'59, has returned to the Mechanical Engineering Faculty after a year's leave during which he served on the staff of the Institute for Energy Analysis in Oak Ridge, Tennessee.

Dr. Neil Book has left the Chemical Engineering faculty to accept a teaching position in the Chemical Engineering Department of the Missouri School of Mines in Rolla.

Paul A. Arusuaga
Electrical, 1969
Is now working in the Corporate Planning Dept. of Kansas City Power & Light.

James J. McCloskey, Jr.
EE, 1953
Named division manager of LP & L's southeastern division - 1977.

Ralph J. LeBlanc
Chemical,
Manager of production, maintenance & engineering at UPO Inc.'s Automotive Products Div. in Tulsa, OK.

Mervin J. Eberhardt, Il
EE, 1965-69
Instructor, Basic C-E Officer Course, Keesler AFB, Biloxi

E.J. Haigstette, Jr.
Chem. Engr.
Was recently elected director and chairman of the board of Cameo, Inc., a Houston based manufacturer of oilfield equipment.

Charles H. Robards
Electrical, 1955
Presently Chief Engineer with Service Engineering Co.

James S. Jamesen
Civil, 1931

Frank H. Abene
Mechanical, 60
Now working for McDermott (Nigeria) Ltd. as Engineering Manager.

David Merryman
Computer Science, 1977
Is the Data Processing Manager at Clay Bernard Systems International.

R. Michael Cosgrove
Mech., 1968
Presently serving as operations officer, 2oth Naval Construction Regiment.

Irwin A. Raben
Chemical, 1942
Is presently, Vice President West Coast Operations, Combustion Equip. Assoc.

Gary F. Wardge
Mechanical
Is Plant Engineer at a Mobil Oil Co. gas separation facility.

James R. Danner
Civil, 1977
Currently employed as structural design engr. for Petro-Marine Engineering Co.

Donato E. Guiza
Civil, 1939
is now Vice President of Boh Brothers Construction Co., N.O.

Robert E. Rouquette
Electrical
Is project engineer for Industrial Control Systems at Siemens-Allis Co.
Austin V. Sierra, Jr.
Chemical, 1944
Present Position - Energy Conservation Coordinator for Cities Service Refinery, Lub Plant and Butyl Rubber Plant

Dr. Donald D. Gray
Civil, 1968
Joined Purdue faculty in 1976 after 2 years at Oak Ridge National Laboratory working on environmental impact statements.

Wayne Paul Wallace, Ph.D.
Civil, 1934
Dec. 11, 1977, awarded M. Eloi Girard Professor of Engineering (by competition).

Clifton N. Francis, Jr.
Electrical, 1956
Is a petroleum coordinator for short courses in Gas Compressor, Gas Measurement, Pipeline Operation, Drilling and Production, Oil Lifting, as well as in microprocessors.

Walter Watson
Chem, 1950
Director mfg. & eng. Electrochemicals Division of IMC Chemical Group

Tom E. Alexander
Mechanical & Electrical, 35
President - Power Packing Company, Inc. & President - K-P Industries, Inc.

Myron A. Pessin
Mech., 1953
Currently working on space shuttle external tank as project engineer in external tank project office.

Treasurer's Report

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Slate of Nominees for STE Offices

President: Roy A. Perrin, Jr., ME '61
1st Vice President: George C. Kleinmolder, Jr., CE '70
2nd Vice President: Ashton B. Avegno, Jr., CE '72
Secretary: Victor J. Law, ChE '60
Assistant Secretary: Oliver Delery, ChE '77
Treasurer: Dr. Dan W. McCarthy, ChE '72
Assistant Treasurer: Wayne Barcelo, EE '60
Director and Publications
Chairman: John W. Holmgren, Jr., CE '70
Director and Historian: Larry Perrin, ME '69

ANNUAL MEETING—October 21

This year we have been able to return to the luncheon format for the Annual Meeting. It will be held in the Faculty Dining Room of the University Center with a “happy hour” (with cash bar) starting at 11:30 a.m. Luncheon will be served at 12:15.

Since this is a sit-down luncheon, it is important that reservations be made in advance ($6.50 per person) by calling the Engineering Dean's office, 865-6105, by October 19.

One of the features of the meeting will be the announcement of the School’s Outstanding Alumnus for 1978 and presentation of the Harold A. Levey award to an alumnus out of school no more than 10 years.

Among the business items for the meeting, which will be presided over by President Tom Jackson, will be election of officers for 1979.

HOPE YOU CAN COME!