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CHAIR'S MESSAGE – P.E. LICENSING & F.E./P.E. EXAMS

Dear Central Ohio ASME members,

Recently, I have been reading all kinds of information about the licensing process for professional engineers. Once you go through the process of education, work experience and a set of exams, you can become a licensed professional engineer and use the title P.E. behind your name. Although in many fields it is possible to practice engineering without this title, some clients may request that at least one licensed engineer works on each project to review the designs. The process of licensing is one of filling out forms and jumping several hoops, but from what I have read and heard, I can tell it is good to do your own personal review of engineering problems. It is interesting to see how well and how many questions you can answer, and finally you will have an extra credential on your resume.

The organization in charge of P.E. licensing is the National Council of Examiners for Engineering and Surveying (NCEES). On their web site (www.ncees.org) the NCEES explains their vision as follows: "To provide leadership in professional licensure of engineers and land surveyors through excellence in uniform laws, licensing standards, and professional ethics for the protection of the public health, safety and welfare, and to shape the future of professional licensure." This vision is remarkably similar to the ASME International mission statement: "To promote and enhance the technical competency and professional well-being of our members, and through quality programs and activities in mechanical engineering, better enable its practitioners to contribute to the well-being of humankind."

The next dates for taking the exams for the Principles and Practice of Engineering (PE) and the Fundamentals of Engineering (FE) are April 20 and April 21, respectively. People who have not submitted their registration before January 22 will have to wait for the fall examinations on October 26 and 27.

According to engineers who have taken the examinations already, it is essential to start studying early, and practice many sample problems. There is an array of books available to help you prepare for the examinations with practice problems and previous exams. Furthermore, ASME International has developed two tools to assist in the preparations: The PE Online review course (see <http://peonline.asme.org>) and the PE Exam Review Video program (Order No. ZXOL94).

I encourage all engineers in our section to consider passing the F.E. and P.E. exams.

Michiel Brongers
Chair, ASME Central Ohio Section

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FEBRUARY PROGRAM

Old Guard Competition

Join us for the Old Guard Oral Competition at The Ohio State University. The competition is among student members in good standing that have not received an engineering degree and have been selected by the Student Chapter to participate. Contestants will make a 15-minute oral presentation on an engineering related topic. Each presentation will be followed by a 5-minute question and answer period. The presentations will be judged on content, organization, delivery and effectiveness, and discussion. The Central Ohio Section will provide refreshments and cash prizes for the Competition.

The five Old Guard competitors and their topics will be (1) Justin M. Reed, *Investigation into Non-Uniform, Micro-Mechanisms of Deformation in Aluminum*, (2) Eric Konieczynski, Senior, *HVAC Design*, (3) Charles Norton, Sophomore, *Alternate Fuel Vehicles*, (4) Jeff Webb, Senior, *Rehabilitation Robotics*, and (5) Anjan Contractor, Sophomore, *HVAC Design*.

WHO: All students, ASME members, spouses, and guests

WHEN: **Thursday, February 15, 2001; 6:00-8:00 PM**

WHERE: Room 1153, Smith Lab, The Ohio State University

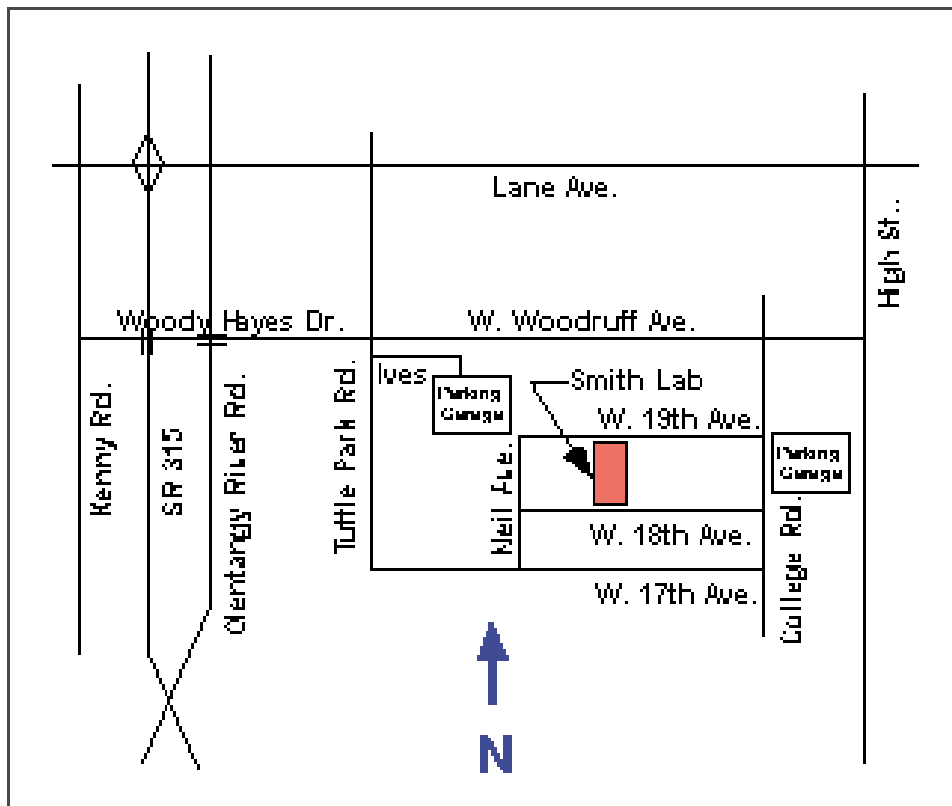
DIRECTIONS: Use Tuttle Parking Garage (at Ives). See map below.

RESERVATIONS: RSVP by Tuesday, February 13, 2001

AT WEBSITE: <http://www.centralohioasme.org> or

to Adam Wei, TEL/FAX: (614) 855-5521/5523, OFFICE TEL: (614) 995-0058

E-MAIL: adam_wei@hotmail.com or adam.wei@das.state.oh.us



A MESSAGE FROM THE STUDENT SECTION CHAIR

To the officers and members of the Central Ohio ASME Section,

Back in April, 2000, several student section officers and myself attended the Region V Conference in Michigan. The weekend was filled with tours and activities and allowed a lot of time for socializing and comparing amongst other student sections.

In the course of our discussions, many of the sections asked us if we had any contact with our professional section. I was delighted to tell them of the tremendous support our students receive from all of you and surprised to find that we were the ONLY student section who received this support.

This letter is long overdue, but on behalf of the ASME Student Section at The Ohio State University, I thank all of you for your support of our group. It is through your generosity and guidance that we continue to prosper and succeed.

Sincerely,

Jacqueline Papa

ASME Student Section Chair, The Ohio State University

THOMAS A. EDISON PATENT AWARD

The Thomas A. Edison Patent Award recognizes eminent creative achievement in the form of a patented invention, which is broadly recognized as significantly enhancing some aspect of the practice of mechanical engineering. This award consists of a certificate, bronze plaque, and a \$1,000 honorarium.

Nominations for this award are expected to demonstrate the significant impact of the nominee's invention to the practice of mechanical engineering or the significant impact that the invention had on at least one industrial/commercial sector.

The award was established in 1997 to focus attention on the contribution of mechanical engineers to the creation of intellectual capital, through creativity in process or product design, and to the development of technological leadership, through innovative, patented inventions. The General Electric Co., the estate of R. A. Stevens, and the Board on Research and Technology Development fund the award.

Applications should be sent to ASME's Center for Research and Technology Development, 1828 L Street NW, Suite 906, Washington, DC. 20036-5104. The deadline for submission of the application is February 1. For further information, contact Carolyn Davis, Director, CRTD, at davisc@asme.org or (202) 785-3756, or visit the ASME web site at www.asme.org/research (then click on "News and Announcements"). The Thomas A. Edison Patent Award Recipient for 2000 was Herman Viegas.

A LOOK AHEAD

<u>Date</u>	<u>Activity</u>	<u>Location</u>
March 15, 2001	AEP Picway Power Plant Tour	16 miles south of Columbus
April 19, 2001	Honda Tour	To be determined
April 27-29, 2001	RAC-V-2001	Columbus Marriott Northwest
May 12 or 19, 2001	Professional Development Seminar	To be determined
May 17, 2001	Honors & Awards Banquet	Columbus
June, 2001	Annual Golf Outing	Mt. Vernon



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People interested in serving on the Section's organizational team called the *Executive Committee* are invited to come to the Executive Committee meeting at 6:15 PM, on Thursday, February 1, 2001, at the Northwest Marriott Hotel just north of Tuttle Mall.

To add your card to our newsletter and web site, contact Carl Jaske, CC Technologies, 6141 Avery Rd., Dublin, OH 43016-8761, TEL/FAX: 614-761-1214/1633, E-MAIL: cjaske@cctlabs.com.

THANKS FOR KAMAL KASSOUF

Kamal Kassouf has announced his resignation from the Executive Committee. We thank him for his many years of service to the Central Ohio Section and for his recent efforts in helping to organize professional development sessions. We will miss his contributions to our activities.