



The Central Kansas Section of ASME Presents:

ASME Distinguished Lecturer William Dean

The Engineer as an Independent Business Person: How to Start Your Own Engineering Company

William Dean, Life Fellow of ASME International, will speak to the Central Kansas Section of the American Society of Mechanical Engineers (ASME) at the Wichita State University National Institute for Aviation Research at 6:30 p.m. room 307-309, Thursday, May 20. The cost to attend the lecture is \$12 for Senior ASME members and guests and \$5 for Student members. Price includes Dinner and Lecture. 1 PDH credit will be offered.

He will discuss “The Engineer as an Independent Business Person: How to start your own Engineering Company” in his presentation; part of the **ASME Distinguished Lecturers Program**. An interesting motivational speaker, Mr. Dean's talks include humorous anecdotes and stories that are well received and remembered by his audiences. His presentations are of practical approaches on how to enjoy, progress and profit from a diversified engineering career. Mr. Dean has been an invited speaker at many ASME sections. He initiated the first Young Engineers Forum Program, "A View from the Top," and has participated in many following National Young Engineers Meetings. He is a past Regional Vice President of ASME International, a past Chair of the Los Angeles Section, and a founder and past Chair of the San Fernando Valley Section.

The Distinguished Lecturers Program provides opportunities for ASME members and guests to meet and listen to outstanding engineering researchers and practitioners. Local presentations bring researchers at the leading edge of their technology into close contact with working engineers, scientists and students.

The meeting is open to the public. Reservations can be made by contacting Marita Jonhson (MDJohnson@cessna.textron.com, 316-517-7620) by Tuesday, May 18.

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LECTURE ADDRESS AND PARKING

WSU National Institute for Aviation Research
1845 Fairmount
Wichita, KS 67260-0093
(316) 978-5212

Public parking is available at the National Institute for Aviation Research (NIAR) with a WSU parking permit. Guest parking permits can be picked up before the lecture at the campus police station located just North of the NIAR building.



ASME and Engineers without Borders are teaming up to engineer a better world – and you student section can help.

ASME is now forming teams of engineering students (junior or senior standing minimum), professional engineers, and engineering faculty to be an integral part of the projects. Multidisciplinary teaming is encouraged.

To participate you must:

- 1) Form an ASME team and enlist your Faculty Advisor to participate with you.
- 2) Apply for a project from the list of approved projects, or write your own project. (Guidelines and projects are available on the web. Project approval takes at least 4 weeks). Application deadlines are Aug. 1 (for 2004-early 2005) & Dec. 1 (for projects considered during 2005).
- 3) Use only appropriate and sustainable technology.
- 4) Commit 6-12 months to finish and install the project.
- 5) Supply your own travel funds, and arrange funding of materials.

Engineers Without Borders (EWB) envisions a world in which all people have access to adequate sanitation, safe drinking water, and the resources to meet their other self-identified engineering and economic development needs. .

To learn more about Engineers Without Border-USA, including guidelines and projects under current consideration, visit <http://www.ewb-usa.org/index.htm>

To participate through ASME, visit www.asme.org/students/ewb.

Student Activity Calendar

May

May 1 [Deadline for Pre-College Mini-Grant Applications](#)

May 16 [Student Manufacturing Design Competition – project description due](#)

May 30 [Young Design Engineers' Paper Competition – entry deadline](#)

June

June 1 Letter of intent for [Hydro Power Contest](#)

June 1 [Petroleum Division](#) Student Scholarship Program

June 30 [Solid Waste Processing Division](#) – Scholarships for graduate and undergraduate study – application due

June 30 [Student Section officer listing](#) due

June 30 [Student Section financial report](#) due

July

July 2 [2004 ASME Student Mechanism Design Competition](#) – Project report due

July 25 [NDE](#) final manuscript due

July 29-8/1 [Human Powered Submarine Contest](#)

Second Edition Of Gas Turbine Performance Now Available

ASME has announced the release of the second edition of Gas Turbine Performance, a book for engineers on how to achieve optimum fuel efficiency, stability and emission control in aircraft, marine, and other types of gas turbine systems.

For more information, or to purchase Gas Turbine Performance, contact ASME by calling (800) 843-2763 or infocentral@asme.org. Refer to order No. 802116.

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A FISH
OUT OF
WATER...
when it
comes to
your
career?**

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Ask career questions, get a real-world perspective on day-to-day issues in the workplace and learn more about other career alternatives. A mentor can help you get the right training, find the right niche in mechanical engineering, and help you transition more easily into the working world.

There are over 300 Mentors from various backgrounds: Aerospace, Biomechanics, Design Engineering, Petroleum, Power, Pressure Vessels & Piping, Nuclear Engineering, Process Industries, Engineering Sales & Marketing and more.

E-mentoring is available to all ASME members with five years or less work experience in the engineering field. So sign-up for a Mentor today!

<https://secure.asme.org/signin/ementoring.cfm>

BDO's Grants Available to Sections

The Board on Diversity and Outreach's Partners in Mechanical Engineering (Partners) Program provides grants to ASME Sections for innovative projects and activities that support collaboration with local sections or chapters of organizations that support women and underrepresented minority groups in engineering.

Grants are awarded on a first-come, first-served basis and range from \$500 to \$1,000, depending on the size and scope of the activity.

Applications for Partners grants may be submitted throughout the year. For additional information, go to <http://www.asme.org/communities/diversities/bdo/partners.html>

ASME Offers MIT Summer Programs For Engineers

ASME has teamed up with the Massachusetts Institute of Technology in providing summer engineering programs offered by the MIT Professional Institute.

The program will give participants access to some of the leading experts in a variety of engineering fields.

These one-week certificate courses will be held on the MIT campus. Among them are: Biotechnical/Pharmaceutical, Computer Engineering, Energy/Environment, Manufacturing & Automotive, Physics, Optics and Astronomy, Systems Design, Data & Models, Transportation, and Organizations, Policy and Economy.

As a special offer to ASME members, MIT is offering a 10 percent discount off the retail price of the programs. For more information contact ASME at 1-800-843-2763 or register online at

<https://secure.asme.org/VirtualCampus/MIT2.cfm>

Winning Strategies to Career Negotiations

Tips to getting that raise, promotion or new job

Prioritize your needs. Define your overall objectives in terms of responsibilities, work environment, salary and benefits— and keep these in focus throughout the discussion.

Consider the employer's needs. The more you understand what the employer is looking for, the more effectively will you communicate your value.

Strive for mutual understanding. “Put yourself in his shoes.” If you keep in mind the other person's style and values, it's easier to overcome areas where you may disagree.

Actively listen. Focus on what is being said, rather than what you wish to say—otherwise you may miss subtle, verbal and nonverbal cues that convey the employer's needs.

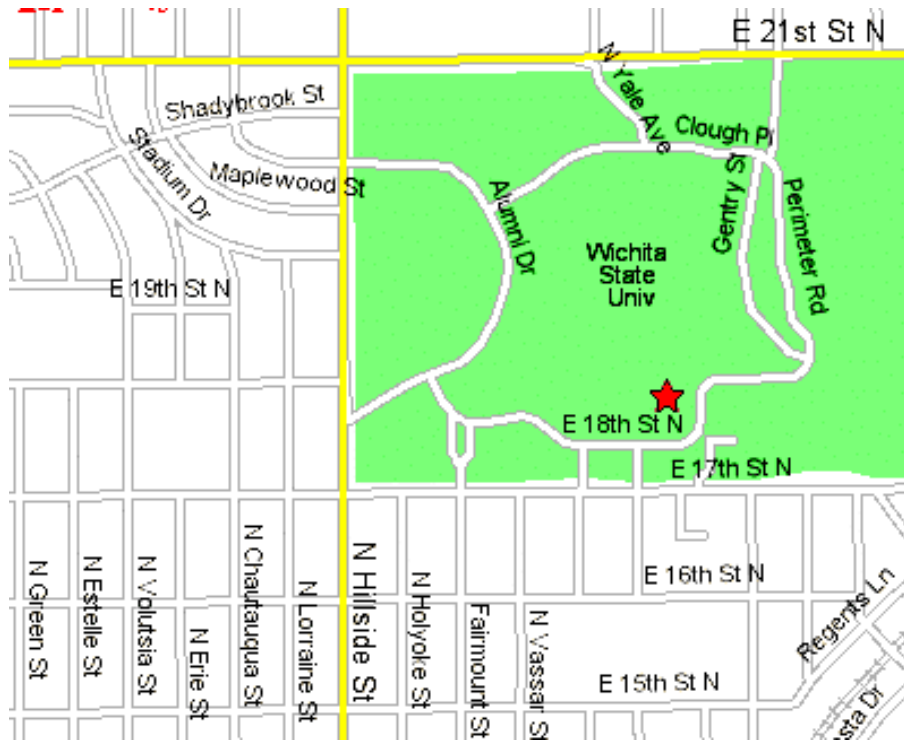
Be open-minded. Believing there's just one way to arrive at a positive outcome is very limiting. Instead brainstorm several outcomes that are mutually beneficial and then keep an open mind—an unanticipated solution may present itself through dialogue.

Research salary data. Having objective salary criteria is absolutely critical. Objective data minimizes the emotion of the discussion, as well as provides third-party credibility.

Practice, Practice, ... Role-playing with a career coach, or other objective individual, will show you exactly what you are comfortable asking for and how you come across to others.

Visit ASME's Career Center at www.asme.org/jobs for more information on career building and negotiations.

WSU NATIONAL INSTITUTE FOR AVIATION RESEARCH (NIAR)



**The American Society of
Mechanical Engineers**

ASME Newsletter Editor, c/o Dr. Ikram Ahmed

Mechanical Engineering Department

1845 Fairmount

Wichita State University

Wichita, KS 67260-0133