

Executive Committee 2002 - 2003

November 1, 2002

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**CHAIR'S MESSAGE**

To all of our Central Ohio Section Members,

As the end of the year approaches, it is a good time to reflect on the overall well being of our section.

I am pleased to report that, thanks to fine work by Anup Singh, we have had record attendance at our last two section meetings. I look forward to seeing even more of our members at meetings to come! On a less positive note, our members have been late renewing and there has been a decline in those receiving the newsletter. I am hopeful that our revitalized programs will be accompanied by increased enthusiasm of our members. When programs are good, and people want to attend amidst a positive and friendly atmosphere, everything buoys back.

We could use some help on the Executive Committee. Just give me a call if you are interested.

Last month's Section meeting featured a fascinating program by Rajit Kumar on virtual prototyping. Response from those attending was overwhelmingly favorable. Members stayed to talk well after the session ended – just what we like to see.

Wishing all of you a joyous holiday season and a healthy year to come, I remain

Sincerely,

Bart Eckhardt, P.E.  
Chair, ASME Central Ohio Section

**Central Ohio ASME Web Site**

Help us improve our site. Visit <http://www.CentralOhioAsme.org> and review what's there. You can find information about our current and past programs, the executive committee, links to ASME resources, newsletter archives, a list of our sponsors, and more.

The only way that we can improve the site to better serve your needs is to get feedback from you. The Internet can be a tremendous resource, so send us your good ideas. We look forward to hearing from you.

## DECEMBER 12 – PRESENTATION

### *Storage of Carbon Dioxide in Geologic Reservoirs for Control of Greenhouse Gas Emissions*

Presented by Dr. Neeraj Gupta, Battelle Memorial Institute, Columbus, Ohio

#### Abstract

Increasing greenhouse gas concentrations in the atmosphere has led to research on mitigation technologies to reduce emissions of carbon dioxide from point sources such as the fossil-fuel based power plants. Battelle scientists have been leading government and industry-funded research on the greenhouse gas mitigation strategies with specific focus on the feasibility of storing carbon dioxide in deep saline reservoirs. The current presentation will provide a background on greenhouse gas mitigation technologies and an overview of Battelle's research on the subject of geologic storage. There will be an emphasis on opportunities and challenges for the deployment of this technology in the Midwestern United States. The discussion will include a review of the engineering issues, geologic factors that affect the feasibility of the technology, and economic and policy considerations. All of these factors can have profound impact on the present and future energy infrastructure in the region as well as across the globe. Finally, a brief overview of a new field project aimed at understanding the geologic storage potential in the Ohio River Valley area will be provided.

**WHO:** ASME Members and Student Members

**WHEN:** **Thursday, December 12, 2002**  
6:00 – 6:30 p.m. Social Time  
6:30 – 7:30 p.m. Presentation

**WHERE:** Northwestern Public Library, 2280 Hard Road, Worthington, Ohio.

**RESERVATIONS:** For registrations, please call Anup Singh, at (614) 436-0480 or send e-mail to [asahlawat@hotmail.com](mailto:asahlawat@hotmail.com).

**DIRECTIONS:** Take Sawmill Road Exit from I-270, go north on Sawmill Road to Hard Road, turn right on Hard Road and turn left at the flashing light to enter the library.

**The Central Ohio Section News** is published monthly from September through May by the Central Ohio Section, ASME International, 6141 Avery Road, Dublin, OH 43016-8761.

**ASME Pipeline Systems Subdivision (PSD)** is looking for volunteers interested in pipeline engineering to serve on its Technical Committees. To find out more about PSD, visit their web site at <http://www.asme.org/divisions/pipeline>.

**The Executive Committee** meets the first Thursday of every month, at the office of Robson Lapina, 434 East Rich Street, Columbus, OH 43215, (800) 654-4344. You're welcome to join!



### Welcome to the Career/Life Guide

The Career/Life Guide offers resources and advice to the young engineering professional who would like to improve his/or her current personal and professional situations; transition from school to work, career advancement or life & money management.

The Career/Life Guide is an online resource tool that offers guidance to young engineering professionals who are in transition from school to the workplace, looking for career advancement or interested in life & money management tools to make their life easier.

### CHECK OUT THE FOLLOWING SITE:

<http://www.asme.org/youngengineers/careerlifeguide/index.shtml>

## Recent Graduate

Now that you have graduated – your focus has shifted towards finding a new job and developing professional relationships.

## Building a Career

You have the job; experience and now you want to advance in your career. Strategize your development and your next step.

## Managing Life

Are you thinking about your future? Find resources to balance work & life.

## Managing Money

Start managing your finances and secure your future.



THE NEW & ENHANCED ASME CAREER CENTER – Now featuring the new **ASME Job Coach**, offering you personalized career counseling services from top career professionals.



OCCUPATIONAL OUTLOOK HANDBOOK – The Occupational Outlook Handbook is a nationally recognized source of career information, designed to provide valuable assistance to individuals making decisions about their future work lives. Revised every two years, the Handbook describes what workers do on the job, working conditions; the training and education needed, earnings, and expected job prospects in a wide range of occupations.



JOB OUTLOOK 2002 – Job Outlook 2002 is an annual forecast of the hiring intentions of employers as they relate to new college graduates. Based on the results of a survey conducted by the National Association of Colleges and Employers (NACE), the report also provides data on hiring methods, starting salaries, and other issues related to the employment outlook and process for new college graduates.



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