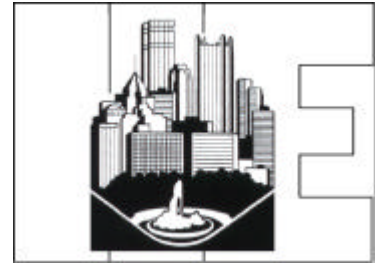


# The Pittsburgh Sampler

A Newsletter Publication of the Pittsburgh Chapter of the  
Institute of Industrial Engineers

DECEMBER 2001

## Seasons Greetings



| IN THIS ISSUE...                      | Page |
|---------------------------------------|------|
| President's Message.....              | 1    |
| December Meeting.....                 | 1,2  |
| Student Chapter News.....             | 2    |
| Recap of Last Month's Meeting.....    | 2    |
| Treasurer's Report.....               | 3    |
| Community Affairs.....                | 3    |
| Membership Status Report.....         | 4    |
| Job Bank.....                         | 4    |
| Next Month's Meeting.....             | 4    |
| CAR Report.....                       | 4    |
| Member Development Opportunities..... | 5    |
| Chapter Directors and Officers.....   | 7    |
| 2000 - 2001 Schedule of Events.....   | 8    |

### IIE DECEMBER MEETING

**What:** The Strategic Context of Projects, by David Cleland  
Joint meeting with the Project Management  
Institute

**When:** Thursday, December 13, 2001

**Where:** Engineer's Society of Western Pennsylvania  
337 Fourth Avenue, Downtown Pittsburgh

**Time:** 6:00 PM

**Dinner:** Choice 1 - Grilled Jersey Pork Chops with  
a Thai peanut sauce  
Choice 2 - Lemon Sole Belle Meuniere  
Choice 3 - Chicken Riviera

**Cost:** IIE Members \$25 (includes dinner, tax, and gratuity)  
Non-Members \$30

**RSVP:** **By Monday, December 10, 2001**  
Contact Joe Kikta at 412.236.6193, or email  
(preferred) [kikta.js@mellon.com](mailto:kikta.js@mellon.com)  
YOU MUST INDICATE YOUR DINNER CHOICE WHEN  
MAKING A RESERVATION

**REMEMBER: YOUR RESERVATION IS YOUR COMMITMENT !!!**

### PRESIDENT'S MESSAGE

The November program was a great time! Not only did Karen Rhyder and Dave Ash enlighten the group with a broad overview of Six Sigma and several interesting case studies of some projects they have completed, but afterward, they were the players to beat on the NASCAR racing simulator at Dave & Buster's. Joe Kitka did an outstanding job organizing the event. This was reflected in the attendee meeting evaluations, as they rated the meeting high.

I regret the delay in preparing the chapter's 2002 election ballot (included in the newsletter). The nominating committee, under the direction of Pat Kelly Lee, has been working very hard to identify, recruit, and occasionally coerce the best candidates they can to serve on the chapter's leadership team. I would encourage anyone interested in becoming more involved with the chapter to serve on one of our committees (Programs, Membership, and Community Affairs) or on one of the strategic initiative teams. If this would be of interest to you, please contact Pat or me for details.

This month I am very excited that the Programs Committee has arranged a joint meeting with the local chapter of the Project Management Institute (PMI®). Since its founding in 1969, PMI has grown to be the organization of choice for project management professionalism. With over 80,000 members worldwide, it is the leading nonprofit professional association in the area of Project Management. One of our country's top project management guru's, Dr. David Cleland, will be speaking on the topic of, "The Strategic Context of Projects". I hope to see you there.

As my second term as chapter president comes to an end, I reflect back on all the wonderful people I have had the opportunity to meet and all the things we accomplished. I have really enjoyed the opportunity to represent each of you, and I look forward to staying very active in the chapter.

Doug Rabeneck  
Pittsburgh IIE Chapter President  
(412) 921-2400 x146



---

## DECEMBER 2001 PROGRAM

Presentation: The Strategic Context of Projects - By Dave Cleland, Ph.D, professor emeritus, University of Pittsburgh

Project Management is an idea whose time has come! In this presentation the theory and practice of project management will be portrayed in the context of product, service, and organizational process change in modern organizations.

The subject matter of the presentation should have wide appeal for many project management "stakeholders," engaged in some way in the utilization of strategic management initiatives in their respective organizations.

The presentation will also describe how alternative project teams such as found in benchmarking, competitive analysis, concurrent engineering, reengineering and self-managed production environments are used in the context of preparing the enterprise for its future.

Join us for this interesting and informative program! Guests and non-members are welcome!

To reserve your spot for this meeting, contact Joe Kikta at kikta.js@mellon.com, or 412-236-6193.

### About the Presenter

#### **David I. Cleland**

Professor Emeritus in the School of Engineering at the University of Pittsburgh.

Author/editor of thirty-three books in the fields of Project Management, Engineering Management, and Manufacturing Management, including Project Manager's Portable Handbook, published January 2000.

Active member of the Project Management Institute (PMI), he has published numerous articles, handbook chapters, and presented many papers at professional meetings in his field and has been described as the "Father of Project Management."

Recipient of the "Distinguished Contribution to Project Management Award" from the PMI in 1983, 1993, 2001. In 1987 he was elected a Fellow of PMI.

In 1997, he was honored with the establishment of the "David I. Cleland Excellence in Project Management Literature Award" sponsored by the Project Management Institute.

Conference co-chair of the PMI Research Conference 2000 held in Paris, France 21-24 June 2000

Co-founder and co-director of the University of Pittsburgh Manufacturing Assistance Center (MAC)

## STUDENT CHAPTER NEWS

The University of Pittsburgh Student Chapter has been very active this past year. The chapter was recognized by the national IIE as a Gold Award Winner this past year. There were only 11 student chapters that received this award. In April of this year, a group of 10 students journeyed to SUNY-Buffalo to participate in the Region's IIE Student Conference. It was here that Nathan Osborne won an award for his paper entitled "Improving Flow with Simulation at Matthews Bronze."

This fall semester, the student chapter hosted a social for all IIE members at a local Oakland establishment and had a coffee and doughnuts morning for all the students and faculty in the IE department.

As the year draws to an end, we would like to thank all the hard efforts of the outgoing officers - Lauren Karpizin (Pres), Jessica Gerchak (Vice Pres), Tim Frost (Treasurer), and Mike Grove (Secretary). Elections for new officers will be in January 2002.

Mary Besterfield-Sacre



## RECAP OF LAST MONTH'S MEETING

The November meeting was an informative discussion of Six Sigma led by Karen Rhyder and Dave Ash of US Airways. Karen began by providing an overview of what Six Sigma is and why companies employ it. One of the key points she made is that Six Sigma is not just a program or initiative that a company uses for a period of time but rather represents a change in mentality towards continuous improvement that should permeate the entire company and remain in place for the long run. Dave provided additional descriptions of different facets of Six Sigma and explained the green belt, black belt, and champion hierarchy. He also discussed several Six Sigma implementations. Overall, those that attended the meeting felt the presentation was excellent and that they learned a great deal. After the presentation, those that stayed had fun playing various games at Dave and Buster's. If you missed the meeting you missed an enjoyable evening, but hopefully we will see you at the December meeting or after the new year!





## COMMUNITY AFFAIRS

### GET READY FOR NATIONAL ENGINEERS WEEK!

IIE Members are invited to participate in the following two events at the Carnegie Science Center:

#### Future City Competition 2002

The Engineer's Society of Western PA (ESWP) in conjunction with the Carnegie Science Center will present the Future City Competition 2002 in the Pittsburgh area. The Future City Competition asks middle school students to create – first on computer and then in large, three-dimensional models – their visions of the city of tomorrow.



The Future City Competition is looking for volunteers on January 26, 2002, in the following areas:

- Judges for team presentations
- Time keepers
- Score keepers
- Model movers
- Registration
- Floor assistance

If you or anyone you know is interested in volunteering for any of these areas, please call or e-mail John Connors, 412.921.2400 x.149, jconnors@hbmaynard.com .

#### National Engineers Week Program

February 22 – 23, 2002

There is a small core group of IE's who have found a fun way to spend quality time with young people. They volunteer for National Engineer's Week and put in a few hours of community service at the IIE booth telling children what IE's do. Then they wander through the Carnegie Science Center to see the new exhibits and visit other engineering booths. The free t-shirt that is given to all volunteers is their pass to explore all the general exhibit space. The core group is willing to share this entertaining experience with others who volunteer to help at the IIE booth, but you have to contact John Connors at jconnors@hbmaynard.com .

If you cannot volunteer but would like to visit the Science Center during the event, you may use the coupon below.



## TREASURER'S REPORT

| INSTITUTE OF INDUSTRIAL ENGINEERS<br>CHAPTER IRS REPORT |             |               |
|---|-------------|---------------|
| 4/1/01 - 3/31/02  |             |               |
| CHAPTER NAME: PITTSBURGH                                |             | CHAPTER NO. 3 |
| FEDERAL EMPLOYER I.D. NUMBER: 25-606281                 |             | REGION: 5     |
|   | INCOME      | EXPENSES      |
| 1. DUES INCOME  | \$ 1,505.00 | XXX           |
| 2. INTEREST INCOME                                      | -           | XXX           |
| 3. CONTRIBUTIONS RECEIVED (A)                           | -           | XXX           |
| 4. CONFERENCES (B)                                      | -           | -             |
| 5. MONTHLY MEETINGS                                     | 3,687.00    | 573.95        |
| 6. NEWSLETTERS (B)                                      | -           | -             |
| 7. MISCELLANEOUS (B)(C)                                 | -           | -             |
| 8. CONTRIBUTIONS & GRANTS PAID                          | XXX         | 100.00        |
| 9. PUBLICATIONS/NEWSLETTERS                             | XXX         | 840.07        |
| 10. PROGRAMS/MEETINGS                                   | XXX         | 52.98         |
| 11. STUDENT DEVELOPMENT (E)                             | XXX         | -             |
| 12. COMMUNITY SERVICES                                  | XXX         | -             |
| 13. MEMBER SERVICES                                     | XXX         | -             |
| 14. OFFICERS & CHAPTER MEETINGS                         | XXX         | 50.65         |
| 15. CHAPTER OPERATIONS SUPPLIES                         | XXX         | 24.00         |
| 16. MISCELLANEOUS (C)                                   | XXX         | -             |
| 17. TOTAL   | \$ 5,192.00 | \$ 1,641.65   |
| <b>ENTER: 18. NET WORTH 4/01/01</b>                     |             | \$ 4,722.82   |
| ADD 4/01/01-3/31/02 INCOME                              |             | \$ 5,192.00   |
| SUBTOTAL  | \$ 9,914.82 |               |
| LESS 4/01/01-3/31/02 EXPENSES                           |             | \$ (1,641.65) |
| NET WORTH 3/31/02                                       |             | \$ 8,273.17   |
| 19. STATEMENT OF NET WORTH                              |             |               |
| ENTER: PETTY CASH ACCT. BAL.                            | \$ -        |               |
| ENTER: CHECKING ACCT. BAL.                              | \$ 2,943.76 |               |
| ENTER: SAVINGS ACCT. BAL.                               | \$ 2,641.28 |               |
| TOTAL *   | \$ 5,585.04 |               |



# CAR CORNER

**Jeff Peretin**

**Vice President and CAR Coordinator**

The ultimate reason for measurement is to evaluate and improve a product or process. The intent of the CAR is to provide a simple measurement system for chapters to see improvement trends and to track their progress. It is also the basis for awards in the Chapter Recognition Program, providing visibility so that chapters' accomplishments can be recognized and rewarded.

In our ongoing commitment to communicate to members how the National IIE organization evaluates the effectiveness of our chapter, this month's article will describe the requirements for CAR Section 5: Member / Chapter and Institute Service and Support.

## 5. Member/Chapter and Institute Service & Support

### 5.1 Member/Chapter Service & Support

In this category, your chapter may claim one point, up to a maximum of 5 points, for any of the activities listed under this question that your chapter conducted towards member/chapter services or support activities. Mark any of the categories that apply with an "X" on the CAR.

If you had supporting activities not included in this list that you believe apply, you may include points for these activities (2 pt per activity) in the field labeled "Other". You should identify what these activities are in your email submission or with an accompanying document (also must be in electronic format).

#### Score

Score =  $\text{Min}(2 * (\text{Count of "X"s}) + \text{Number of "Other" Points Claimed}, 10)$

### 5.2 Member/Chapter Service & Support

In this category, your chapter may claim one point, up to a maximum of 5 points, for any of the activities listed under this question that your chapter conducted towards support of other chapters and/or the Institute. Mark any of the categories that apply with an "X" on the CAR.

If you had supporting activities not included in this list that you believe apply, you may include points for these activities (2 pt per activity) in the field labeled "Other". You should identify what these activities are in your email submission or with an accompanying document (also must be in electronic format).

#### Score

Score =  $\text{Min}(2 * (\text{Count of "X"s}) + \text{Number of "Other" Points Claimed}, 10)$

## MEMBERSHIP STATUS REPORT

The membership total for the Pittsburgh Chapter is at 184 members.

If you know other industrial engineers or people working in an industrial engineering capacity, encourage them to come to one of our upcoming meetings and join IIE. Membership forms are available at IIE's home page <http://www.iienet.org> or you can contact Angela Konop at (412) 859-2678.

Note: If your contact information changes (i.e. address, company, phone number, e-mail address), please contact IIE National. Their phone number is (770) 449-0460 or 1-800-494-0460. Once you contact IIE National, your address change should be reflected on our next mailing list, which is received from IIE National each month.



## JOB BANK

The purpose of the job bank is to match qualified IIE professionals with available jobs. In the past several years, we have been successful in placing IIE members with employers.

If you or your company are looking for new employees, send a description of the position you wish to fill to the address below. We will publish your position in our monthly newsletter. Please try to limit your descriptions to 50 words or less and include a phone number, address, fax number, and e-mail so interested parties can contact you directly.



## NEXT MONTH'S MEETING

Our January meeting will be a Chapter Officer & Board Planning Meeting. All Directors, Officers, and Committee members should make arrangements to attend. If you are not currently active in the Chapter and wish to become more involved, please contact Doug Rabeneck.

Details on our February meeting will be sent out in the January newsletter.



---

## MEMBERSHIP DEVELOPMENT OPPORTUNITIES

### IIE CONFERENCES

#### IIE's Applied Ergonomics Conference

March 12 – 14

Baltimore Waterfront Marriott, Baltimore, MD

This prestigious industry event for ergonomists, risk managers, human resources professionals, safety management leaders, and engineers kicks off with hands-on pre-conference seminars on March 11. The main conference begins the following day and features a range of track topics that provide the knowledge attendees need to help their companies succeed. Tracks include:

- Manufacturing Applications
- Services/Support Industries (such as banking, health care, construction and agriculture)
- Office Applications
- Engineering and Design
- Ergonomics Programs
- Potpourri (a variety of topics, including cost justification and behavior-based safety)

Ergonomics teams from across the country will showcase their innovative solutions when they compete for the prestigious Ergo Cup award. And plenty of networking opportunities mean participants can exchange ideas and key information—and build long-lasting professional relationships.

For detailed conference information and to register online, visit [www.appliedergo.org](http://www.appliedergo.org). Call 800-494-0460 or 770-449-0460 or e-mail [cs@iienet.org](mailto:cs@iienet.org) for questions or a brochure.

#### 'Explore the World' at IIE Simulation Solutions 2002

April 8 – 10, 2002

San Diego Marriott Mission Valley

San Diego, CA

"In keeping with this year's theme, Explore the World of Simulation, we are expanding the scope of the conference in several areas," said Conference Chair Rainer Dronzek. "We've added a military applications track, allowing us to highlight some of the many interesting and innovative developments that have come from the services and the companies that support them. We are also inviting presenters and vendors in topic areas such as add-in tools, user interface development, and system dynamics."

As in years past, attendees can also attend educational sessions on simulation skills, supply chain management, business processes, manufacturing, healthcare, and transportation. In addition, skill-building pre-conference workshops scheduled for

April 7 allow participants to delve into topics of particular interest.

Attendees will find ample networking opportunities during which to renew friendships, meet peers, and share ideas with colleagues in a variety of industries. The conference features a vendor gallery to help participants stay informed about the latest developments.

For detailed conference information and to register online, visit [www.appliedergo.org](http://www.appliedergo.org). Call 800-494-0460 or 770-449-0460 or e-mail [cs@iienet.org](mailto:cs@iienet.org) for questions or a brochure.

#### New management engineering forum slated day before HIMSS meeting

January 26, 2002

Atlanta, GA

A day-long event focusing specifically on management engineering in healthcare. Management engineering professionals can enjoy the best of two conferences at the innovative new Society for Health Systems Management Engineering Forum. The new forum, presented by the Society for Health Systems, a networking community of the Institute of Industrial Engineers, offers the best elements of the annual SHS conference. Because the forum is held in conjunction with HIMSS, attendees are no longer forced to choose between the two top professional education opportunities in their field.

The interactive, hands-on forum will feature five informative tracks:

- Measuring and managing
- Coordinating change
- Ideas and innovations
- Strategic solutions
- Personal and professional progress

Participants who wish to register for one or both conferences can do so on the HIMSS registration form at [www.himss.org](http://www.himss.org). For registration questions call HIMSS at 312-664-4467. For more information on the management engineering forum, email [shs2002@iienet.org](mailto:shs2002@iienet.org).



Election Ballot

Election Ballot

Election Ballot

**INSTITUTE OF  
INDUSTRIAL ENGINEERS**

**Pittsburgh Chapter  
Area I, District 5  
Number 3**



Each year, officers and directors are elected by the IIE Pittsburgh Membership for the following chapter year: January 1 through December 31. This year the nominating committee, consisting of Pat Kelly Lee and Kim LaScola Needy, has assembled the following slate of candidates for your consideration. You will vote for President, Vice President, Secretary, Treasurer and two Directors. Officers are elected for one year, while directors are elected for two years.

| <b>Position</b>  | <b>Nominee</b>  | <b>Company</b>  |
|--|---|---|
| <b>President</b><br><br>Write in Candidate   | <a href="#">Angela Konop</a><br><br>_____                                   | FedEx Ground  |
| <b>Vice President</b><br><br>Write in Candidate                                    | <a href="#">Joe Kikta</a><br><br>_____                                      | Mellon Bank   |
| <b>Secretary</b><br><br>Write in Candidate   | <a href="#">Barb Grabowski</a><br><br>_____                                 | Alcoa   |
| <b>Treasurer</b><br><br>Write in Candidate   | <a href="#">Mark Coffey</a><br><br>_____                                    | UPS   |
| <b>Board of Directors</b><br><i>(Vote for up to two)</i><br><br>Write in Candidate | <a href="#">Doug Rabeneck</a><br><br><a href="#">Kim Needy</a><br><br>_____ | H. B. Maynard and Co., Inc.<br><br>University of Pittsburgh |

Please fax (412-921-4575) or e-mail (drabeneck@hbmaynard.com) your ballot choices to Doug Rabeneck at H. B. Maynard and Company, Inc.

***Thank you very much for your response.***

---

**CHAPTER DIRECTORS AND OFFICERS**

**DIRECTORS**

Patricia Kelly Lee ..... (412) 519-5406  
The Executive Toolkit, LLC..... (412) 788-8769  
pkres@aol.com

Holly Rowland ..... (724) 873-1500 x.165  
ADC Broadband Access & Transport Group  
holly\_rowland@ADC.com

Roman Hlutkowsky..... (412) 262-6021  
Fed Ex Ground  
rhlutkowsky@pgh.shiprps.com

David Jackey..... (412) 367-1778  
Spear Technologies  
djackley@stargate.net

Kjell Zandin..... (412) 921-2400 x.116  
H.B. Maynard & Co.  
kzandin@hbmaynard.com

**OFFICERS**

**President**

Doug Rabeneck..... (412) 921-2400 x.146  
H.B. Maynard & Co.  
drabeneck@hbmaynard.com

**Vice President**

Jeff Peretin..... (412) 921-2400 x.186  
H.B. Maynard & Co.  
jperetin@hbmaynard.com

**Secretary**

Donna Degenhardt..... (724) 891-5206  
Columbia Gas  
Ddegenh@ColumbiaEnergyGroup.com

**Treasurer**

Mark Coffey ..... (724) 925-4772  
UPS  
mcoffey@ups.com

**Membership Committee Chairman**

Angela Konop..... (412) 859-2678  
Fed Ex Ground  
akonop@shiprps.com

**Programs Committee Chairman**

Joe Kikta..... (412) 236-6193  
Mellon Bank  
kikta.js@mellon.com

**Community Affairs Chairman**

John Connors..... (412) 921-2400 x.149  
H.B. Maynard & Co.  
jconnors@hbmaynard.com

**Communications Committee Chairman**

Andrew Taylor..... (412) 921-2400 x.110  
H.B. Maynard & Co.  
ataylor@hbmaynard.com

**University of Pittsburgh Student Chapter**

Mary Besterfield-Sacre..... (412) 624-9836  
Univ. of Pittsburgh/Dept. of IE



---

**INSTITUTE OF  
INDUSTRIAL ENGINEERS**

**Pittsburgh Chapter  
Area I, District 5  
Number 3**



---

Eight Parkway Center  
Suite 400  
Pittsburgh, PA 15220

**2001 – 2002 SCHEDULE OF EVENTS**

February 13 ..... 5-S Workplace Improvement Overview  
March 8 ..... PNC Park Tour  
April 17 ..... Tour of Industrial Scientific  
May 9 ..... Tour of Mellon Financial Corp. Ops. Ctr.  
June 19 ..... Baseball Outing: Pirates vs. Phillies - PNC Park  
September 19 ..... Heinz Field Tour  
October 16 ..... IIE Student Night Event  
November 15 ..... Six Sigma Quality - Presented by US Airways  
December 13 ..... The Strategic Context of Projects –  
..... Presented by D. Cleland Ph.D.  
..... (Joint meeting with the Project Management Institute)  
January '02 ..... Chapter Officer & Board Planning Meeting

