

Professional Advisory Board Members
IPFW Computer Science Department
May 8, 2009

Allen County Public Library
Sean Robinson
7615 DiSalle Blvd.
Fort Wayne, IN 46825

9-20-05
Office 260-421-1288
Cell 260-437-1572
Fax 260-421-1387
srobinson@acpl.info
www.acpl.lib.in.us

City of Fort Wayne
James Haley
Chief Information Officer
2nd Floor City-County Building
One Main Street, Room 280
Fort Wayne, IN 46802-1804

9-22-2003
Office 260-427-1461
FAX 260-427-1115
james.haley@ci.ft-wayne.in.us

Clifford Clarke
President
C2 Information Technology Advisors, LLC
Raising Your Information Technology Operation to the Next Power
2703 Crossbranch
Fort Wayne, IN 46825

260-403-5855
CliffordClarke@C2ITAdvisors.com

Do It Best Corp.
Ms. Kay Williams
VP Information Technology
P.O. Box 868
Fort Wayne, IN 46801

2-19-2004
260-748-5526
Kay.Williams@doitbest.com

Fort Wayne Community Schools
Mr. Jack R. Byrd
Director, Technology
1200 South Clinton Street
Fort Wayne, IN 46802

2-10-2004
260-467-2160
FAX 260-467-1979
Jack.Byrd@fwcs.k12.in.us

FourD Development
Mr. Chuck Zumbrun
President
FourthWave, LLC
300 East Main Street
Fort Wayne, IN 46802

9-23-2003
voice 260-918-2211
FAX 260-469-4413
www.fourthwavellc.net
czumbrun@fourthwavellc.net

IBM
Mr. Rex. A. Peters
Software Group, Central Region
2720 Dupont Commerce Ct, Suite 110
Fort Wayne, IN 46825

5-10-2005
260-416-5203
rxpeters@us.ibm.com

Mr. Tom Gidley
IT Enterprise Applications Architect
Navistar, Inc.
2911 Meyer Road
Fort Wayne, IN 46803

260-461-1304
Tom.Gidley@navistar.com

ITT Industries Space Systems Division
Eric Beaubien, Manager
Software Development
1919 West Cook Road
Fort Wayne, IN 46801-3700
Marc Kanalos
Software Supervisor
CSS Applications Software, MS 604

eric.beaubien@itt.com

marc.kanalos@itt.com
tel: 260-451-6474
tax: 260-451-6980

Logikos, Inc.
Tim Williams, Quality Director, Principal
2914 Independence Drive
Fort Wayne, IN 46808

9-15-2003
260-373-1368
FAX 260-484-5268
twilliams@logikos.com
shoffman@logikos.com
www.logikos.com
FAX 260-484-5268
260.483.3638

Shawn Hoffman, Staff Manager

Northrop Grumman Corp., Electronic Systems
Don Snyder, Software Engineer
Advanced Decision Systems Tech Ctr.
6112 Constitution Drive
Fort Wayne, IN 46804

6-26-2003
donald.snyder@ngc.com
260-435-4610
FAX 260-435-4639

PHD, Inc.
Mr. Steven L. Gilliom
V.P., Information Technology
P.O. Box 9070
Fort Wayne, IN 46899

2-16-2004
260-479-2392
FAX 260-479-2807
sgilliom@phdinc.com
www.phdinc.com

Ron Double
Chief Information Officer
Parkview Health
10501 Corporate Drive
Fort Wayne, IN 46845

260-373-7004
fax: 260-373-8505
ron.double@parkview.com

Raytheon Systems Company
Dr Timothy Loos
Engineering Fellow
MS B2-05
1010 Production Road
Fort Wayne, IN 46808
Jim Jacobs
Senior Principal Systems Engineer
Advanced Programs

6-25-2003
[Timothy S Loos@raytheon.com](mailto:Timothy_S_Loos@raytheon.com)

jim_jacobs@raytheon.com
260-429-6069

Superior Essex
Essex Group, Inc.
Vicki Thompson
VP, Information Technology
P.O. Box 1601
1601 Wall Street
Fort Wayne, IN 46802
Attn: Mary A. Lehman, Administrative Specialist

09-15-2003
260-461-4597
FAX 260-425-8005
vicki.thompson@superioressex.com

260-461-4821
Fax: 260-461-4516

triPRACTIX
Scott Hofrichter
Project Manager
1330 Medical Park Drive
Fort Wayne, IN 46825

06-07-2006
260-408-7007
FAX 260-408-7099
scott.hofrichter@triPRACTIX.com
www.tri practix.com

Infinisource
Don Michael, Ph.D.
Chief Information Officer
15 E. Washington Street
PO Box 889
Coldwater, MI 49036-0889

866-350-3040 Ext 1324
dmichael@infinisource.net

Stoneware Inc.
David Kushner
14300 Clay Terrace Blvd
Suite 240
Carmel, IN 36032

317-669-8730
david.kushner@stone-ware.com

Northeast Indiana Regional Partnership
John R. Sampson, President and CEO
300 E. Main Street, Suite 210
Fort Wayne, IN 46802

john.sampson@chooseneindiana.com
P. 260.469.3471
Fax: 260.469.3470

Mr. Shawn Braun
Lean Enterprise Leader
BAE Systems
Electronics, Intelligence & Support
2000 Taylor Street
Fort Wayne, IN 46802

shawn.m.braun@baesystems.com
260-434-5217
260-434-5000

Steve Franks
NIIC Gateways Program Manager
Northeast Indiana Innovation Center
3201 Stellhorn Road
Fort Wayne, IN 46815

260.407.1754 direct dial
260.407.6442
260.450.2897 cell
sfranks@niic.net

Parker Hannifin Corporation
Melissa Darrigan
Business Unit Manager – Shut-off Devices
Climate & Industrial Controls Group
Climate Systems Division
10801 Rose Avenue
New Haven, IN 46774

mdarrigan@parker.com
260.748.6010
260.484.5268

Dave Walker
Manager Software Engineering
Command Systems
Battle Management Systems Division
General Dynamics C4 Systems
1700 Magnavox Way, Suite 200
Fort Wayne, IN 46804-1538

david.walker@gdc4s.com
Tel: 260-434-9670
Fax: 260-434-9501

Benjamin Young
President
PearlDiver Technologies Inc.
7235 Vicksburg Pike
Fort Wayne, IN 46804
Att: Rob Young
EVP - Business Development &
Fort Wayne Site Executive

ben@pearldiverinc.com
www.pearldiverinc.com
719 238-8763

rob@pearldiverinc.com
www.pearldiverinc.com
260.469.4161 office phone
260.469.4167 office fax
260.615.1040 cell phone



SCHOOL OF ENGINEERING, TECHNOLOGY, AND COMPUTER SCIENCE
DEPARTMENT OF COMPUTER SCIENCE
ENGINEERING, TECHNOLOGY, AND COMPUTER SCIENCE BUILDING, ROOM 125
260-481-6803 • FAX: 260-481-5734

CS Professional Advisory Board Meeting
Date: 10:00am-12:00noon, Friday, May 8, 2009 Location: ET 206

Tentative Agenda

1. Welcome and Introduction
 - Welcome by Dr. Gerard Volland, Dean of College of ETCS
 - Presided by Prof. Robert Sedlmeyer, Associate Chair of the Department of CS
2. Department Brief Report
3. CAC-ABET Re-Accreditation
 - Self-Study
 - CAC-ABET visit
4. Curriculum Developments
 - Undergraduate Program
 - Graduate Program (Prof. Beomjin Kim, Director of the Graduate Program)
 - New Program Proposal in Software Engineering
5. Relationship with Local Industry
 - Surveys
 - Sponsored Senior Design Projects
 - Co-op, Internships, etc.
 - Outreach Programs
 - Opportunities for Joint Projects
 - Training
 - Other issues
6. Open Discussion
7. Other topics
8. Lunch

Department Meeting Minutes
IPFW Computer Science
May 8, 2009
10:00am to 12:00 noon– ET 206

PAB Member Present: Clifford Clarke, Kay Williams, Mike Altendorf, Tom Gidley, Tim Williams, Steven L. Gilliom, Ron Double, Timothy Loos, Vicki Thompson, John Sampson, Steve Franks, Dave Walker, Benjamin Young,.

PAB Member Absent: S. Robinson (excused), J. Haley (excused), J. Byrd (excused), C Zumbrun (excused), R. Peters, E. Beaubien (excused), D. Snyder (excused), D. Michael (excused), D. Kushner, S. Braun, M. Darrigan

CS Professors Present: P. Ng, R. Sedlmeyer, B. Kim, D. Liu, J. Tanik, M. Temte, J. Yoo,
Non-CS Faculty Present: G. Voland

Guest Speaker: G. Voland, Dean of College Engineering, Technology, and Computer Science

0. Call for Order
 - Presided by Prof. Robert Sedlmeyer, Associate Chair

9. Welcome and Introduction
 - Welcome by Dr. Gerard Voland, Dean of College of ETCS
 - *Addressed the importance role of the Professional Advisory Board.*
10. Department Brief Report
 - *Included a discussion of the growth of the actual number of CS students recently with aspirations to increase both male and female representation at IPDW among other suggestions, despite overall decline nationwide*
11. CAC-ABET Re-Accreditation
 - Self-Study
 - *R. Sedlmeyer indicated that the Self-study process is vital and time-consuming process in progress to meet the needs of industry, in order to ensure that quality students are produced to meet demand*
 - *R. Sedlmeyer and P. Ng indicated that the CS department is always open to industry needs and will try to address them, in order of strategic and pragmatic priority, as dictated by many factors including available and expected resources over time*
 - *The advisory board members were in their enthusiasm to provide support letters that can populate the website*
 - *P. Ng emphasized CS is a growing department that is ready to take on new demands from industry and is open to recommendations anytime*
 - CAC-ABET visit
 - *Due to this visit, there were some reservations expressed by R. Sedlmeyer in trying to meet all industry demands at once, considering the time consuming nature of the current workload of the faculty*
 - *All the companies were concerned that the current website is not updated.*

- *Certain PAB members expressed concern that their needs may not be met, especially if the department was unable to update their website, even if the companies provided material support*
 - *C. Clarke indicated his interest in having the CS department address “real-world” time table, allowing students to tackle projects that rise and fall outside the regular semesters*
 - *R. Sedlmeyer indicated that aperiodic projects may not be possible with the current structure of the courses*
 - *C. Clark countered that seemed to not meet industry needs requiring agility in the recruitment process for emerging market needs in competitive industry*
 - *C. Clark was happy about the remark given by U. John Tanik that an agile organization is being developed at IPFW to address these concerns for rapid team building outside the classroom to address aperiodic industry needs and generate new opportunity among emerging technology ventures*
 - *Vicki Thompson’s requested process improvement for her company, but R. Sedlmeyer indicated that may be unattainable at present*
 - *Vicki Thompson expressed concern that many of the demands to be met by department may not be realized, if the CS website itself will pose a problem*
 - *J. Tanik indicated that the website improvement process is not a problem, and can be scheduled for summer improvement, as students are trained in webdesign and maintenance to gain experience while supporting faculty working diligently on time-consuming tasks of teaching, research, and service concerns, as indicated by R. Sedlmeyer.*

12. Curriculum Developments

- Undergraduate Program
 - *R. Sedlmeyer indicated that CS 360 and CS 460 is the senior design capstone course that is always looking to serve sponsors*
- Graduate Program (Prof. Beomjin Kim, Director of the Graduate Program)
- New Program Proposal in Software Engineering
 - *P. Ng indicated that an MS in Software Engineering Proposal is expected in Fall 2009 and that company feedback is essential to providing the best quality possible to satisfy current and forecasted industry needs*

13. Relationship with Local Industry

- Surveys
 - *It was suggested that surveys may not be as effective, depending on the methodology used.*
- Sponsored Senior Design Projects
 - *R. Sedlmeyer and P. Ng inviting all to participate in endeavors that promoted interaction between students and industry, facilitated by IPFW CS department*

- Co-op, Internships, etc.
 - *P. Ng introduced J. Tanik as a new faculty member who can help address the needs of industry in requirements engineering and architecture, as a way to bridge the gap between industry needs and student implementation and job placement*
 - *J. Tanik briefly introduced himself and answered that various methodologies and toolsets are being made available to train students to enable this process*
 - Outreach Programs
 - *In progress*
 - Opportunities for Joint Projects
 - *It was indicated that joint projects are promoted with invitations of sponsorship where appropriate*
 - Training
 - *It was indicated that various training seminars would be provided.*
 - Other issues
14. Open Discussion
- *P. Ng emphasized that the CS department is ready to grow with continuous industry feedback and is open to suggestions to meet all needs, as they arise, with a flexible approach addressing strategic needs according to priority.*
15. Other topics
16. Lunch
- *Lunch was served and C. Clarke gave a speech on innovation development in the region that he believed can be done with all the resources available to Indiana*
 - *J. Tanik approached Vicki Thompson and indicated resolving her process improvement needs within budget is possible by introducing the students in CS 360 and CS 460 to these challenges, thereby also giving students experience, which was received well as a viable option*
 - *C. Clarke approached J. Tanik and discussed viable joint opportunities in future*
 - *S. Franks approached J. Tanik and requested assistance on website development at the NIIC*
 - *J. Tanik mentioned that an approach to resolve the short-term immediate needs can be arranged by placing a qualified students in NIIC as requested, as well as a long-term integrated solution for satisfying company needs at NIIC by training IPFW students*

The meeting was adjourned at 2 p.m. Minutes submitted by J. Tanik