Members Present: Brian Beard, Terry Clements, James Derk, Amy Drake, Susan Everett, Pat Fleck, Karen Fuchs, Alan Letterman, Larry May, Mike Neeley, Dave Smith, David Yoak

Members Absent: Chris Boeke, Derek Faughn, Michael Frankenberger, Patrick Heck, Bruce Lane, Rex Masterson, Krista McDivitt, Mark Neidig, Martin Roth, Michael Russ

Ex-officio Members Present: Nancy Bizal, Abbey Foroughi, Mohammed Khayum

Ex-officio Members Absent: Tom Austerman

Faculty Present: Marv Albin, Scott Anderson, Ernest Nolan, Seungjin Park, Jennifer Williams

Guest Present: Shawn Collins, Sheri Risner

Students Present: Devin Burke, Susan Dyer, Paige Stender, Richard Weaver

Administrative Assistant: Michelle Simmons

<u>**Welcome:**</u> **Susan Everett** welcomed everyone to the meeting.

<u>**Minutes:**</u> The minutes from the Summer 2009 meeting were accepted as distributed.

<u>**Self Introductions:**</u> **Everett** asked everyone to introduce themselves.

<u>**IT Alliance Chair's Remarks:**</u> **Everett** introduced each committee chair and asked for their reports.

> *Alliance/Student Interaction:* Chair **Mike Neeley** gave the report for the committee (see attached report). The
> > following are the current mentors and mentees:
> > > **Mike Neeley** - Atlas World Group - **Susan Dyer**
> > > **Dave Smith** - AGF - **Richard Weaver**
> *Alliance/Faculty Interaction:* Chair **David Yoak** gave the report for the committee (see attached report).
> > **Ernest Nolan** thanked the following companies for coming to his CIS 111 class: Berry
> Plastics, Shoe Carnival, and Keller Schroeder.
> *Program Vision & Curriculum:* Chair **Amy Drake** gave the report for the committee (see attached report).
> *Scholarship:* Chair **Larry May** gave the report for the committee (see attached report). The AITP 2010
> contestants present were **Devin Burke**, **Susan Dyer**, and **Paige Stender.**

<u>**Department Chair's Remarks**</u> - **Abbey Foroughi** reported the department has completed the CIS program review and that they are anticipating the CS program review.

<u>**Dean's Remarks**</u> - **Mohammed Khayum** introduced **Sheri Risner**, a former USI accounting student, former Ideation winner, and creator of "Meal Essence."

>   **Risner** introduced her guest **Shawn Collins** from Extend Interactive and discussed her business concept and new business "Meal Essence," a website to help save money shopping for groceries. This site helps create meal plans and produces an item-by-item shopping list. http://www.mealessence.com/

<u>**Committee Establish Next Meeting Dates**</u> - **Everett** urged members to schedule committee meetings.

<u>**Next Steps**</u> - **Everett** announced the next meeting will be in April 2010.

<u>**Adjournment**</u> - **Everett** adjourned the meeting.

Members Present: Mike Neeley, David Smith, Ernie Nolan & Alan Letterman

10 Oct 2009

➢ A sub-unit of the USI IT Alliance Student Interaction Committee met to review applications for the Mentoring Program
➢ Ernie Nolan presented three applications for the mentoring team
➢ Since there were only three applicants and three companies represented for the pilot program, it was decided that Ernie Nolan would assign the applicants to the group based on his knowledge of the student and which one of us would be the best fit

Action Items

➢ Atlas World Group, Berry Plastics, and American General Finance representatives will interview the three applicants and validate that they are a good fit for their respective companies - **Pending**
➢ The results of the interviews will be reported back - **Pending**

IT Alliance Faculty Interaction - Report

The IT Alliance Faculty Interaction team has identified two distinct categories of interaction between the members of the USI IT Alliance and the members of the CS / CIS faculty:

- **Professionals in the Classroom** –
    - Opportunity to allow students to gain exposure to area organizations and practitioners;
    - Opportunity for ITA members to gain exposure to students and experience the classroom environment.

- **Faculty in the "real" world** –
    - Opportunity to have faculty observe the application of technology in local organizations; and
    - Gain appreciation concerning how technology is being used to achieve current goals and strategies.

We are challenging each ITA member organization to participate in one classroom activity and / or host one faculty visit during the 2009-2010 school year. This is where we need your input. I would like each faculty member to identify (at least) one classroom opportunity (guest lecture, panel discussion, service learning project, case study, etc.) **and** identify (at least) one business or business process that you would like to discuss and observe. If possible, I would like to present some opportunities to the IT Alliance members when we meet next week.

USI Curriculum Meeting - 10/21/09

Attendees: Martin Roth, Jennifer Williams, Marv Albin, David Smith, Amy Drake

First, Marv shared an analysis that the faculty did at a high-level review of how the current courses match up with the IS 2009 Curriculum Guidelines. Attached is a copy of the analysis. The analysis does show that application development is heaviest across the curriculum. Also, the group sees an opportunity to replace CIS 361 (which is a pretty VBA-focused application development course) with a Enterprise Architecture/IT Infrastructure focused course.

We did spend considerable time discussing the difference between a CS and a CIS major (in summary more business for the CIS majors and more math for the CS majors). Also, we discussed whether our desire was to produce graduates who are a "generalist" in nature or have a specific knowledge and certifications (i.e. networking, etc). At this point, with the limited staff and students enrolled in the major, our program is more geared toward producing future programmers and IT generalists/management.

We also discussed the contents of the CIS 367 (Data Communications) class. The class is more historical and theory in nature versus containing any hands-on activities. We think more actual experience in networking could be valuable for all students.

In recent years, Marv has included project management topics in CIS 477. With the change in the curriculum guidelines and support of this committee as we see a high value in project management, we recommend making this a permanent change in the class.

Finally, we discussed what topics would be most important in an Enterprise Architecture/IT Infrastructure course. These are very broad words which mean different things to different people. To gather a broader consensus as to what topics we saw would add the most value, we thought a survey of the full committee would be helpful.

ACTION ITEM FOR ALL COMMITTEE MEMBERS

I have attached the topics listed in the IT 2009 Curriculum in the Enterprise Architecture/IT Infrastructure areas. I have given each topic listed a number between 1 - 30. Please send Marv and I an email with your top 10 topics to be covered by the end of next week (10/30). We will summarize the responses and use that as a starting point for the class content.

Please let me know if anyone has any corrections or questions. Our next meeting with be with the large IT Alliance group on November 19 at USI.

1   **Title: Enterprise Architecture**[1]
2   **Core Course**
3
4   **Catalog description**
5
6   This course explores the design, selection, implementation and management of enterprise
7   IT solutions. The focus is on applications and infrastructure and their fit with the
8   business. Students learn frameworks and strategies for infrastructure management,
9   system administration, content management, distributed computing, middleware, legacy
10   system integration, system consolidation, software selection, total cost of ownership
11   calculation, IT investment analysis, and emerging technologies. These topics are
12   addressed both within and beyond the organization, with attention paid to managing risk
13   and security within audit and compliance standards. Students also hone their ability to
14   communicate technology architecture strategies concisely to a general business audience.
15
16   **Learning objectives**
17
18   1. Students will learn a variety of frameworks for enterprise architecture analysis and
19   decision making.
20   2. Students will learn to evaluate the total cost of ownership and return on investment
21   for architecture alternatives.
22   3. Students will learn techniques for assessing and managing risk across the portfolio of
23   the enterprise.
24   4. Students will learn to evaluate and plan for the integration of emerging technologies.
25   5. Students will learn how to administer systems, including the use of virtualization and
26   monitoring, power and cooling issues.
27   6. Students will learn how to manage proliferating types and volume of content.
28   7. Students will learn to plan for business continuity.
29   8. Students will learn the benefits and risks of service oriented architecture.
30   9. Students will learn the role of audit and compliance in enterprise architecture.
31
32   **Topics**
33
34   1   •   Service oriented architecture
35   2   •   Enterprise architecture frameworks
36   3   •   Systems integration
37   4   •   Enterprise resource software
38   5   •   Monitoring and metrics for infrastructure and business processes
39   6   •   Green computing
40   7   •   Virtualization of storage and systems
41   8   •   The role of open source software
42   9   •   Risk management
43   10   •   Business continuity

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[1] Acknowledgement: This material is largely based on work by Dr. Bill Schiano, Bentley University.

Information Systems Specific Courses

Career Track

Core IS Courses	CIS111	CIS261	CIS305	CIS361	CIS367	CIS375	CIS377	CIS454	CIS476	CIS477	CS288	CS388	CS259	CS359	CS201	CS301
Foundation of IS	H	L	H	L	M	H	M	H	M	M	L	L	L	L	L	L
Enterprise Architecture	L	L	M	L	M	M	M	M	L	L	L	L	L	L	L	L
IS Strategy, Management and Acquisition	L	N	M	N	L	M	L	H	L	M	L	L	L	L	L	L
Data and Information Management	N	N	M	N	L	H	H	L	N	N	L	N	N	N	N	N
Systems Analysis and Design	L	N	M	N	L	H	M	L	L	M	L	N	N	N	N	N
IT Infrastructure	L	N	M	N	H	M	M	M	L	L	N	N	N	N	N	N
IT Project Management	L	N	L	N	N	M	N	L	L	H	N	N	N	N	N	N

Elective IS Courses:	CIS111	CIS261	CIS305	CIS361	CIS367	CIS375	CIS377	CIS454	CIS476	CIS477	CS288	CS388	CS259	CS359	CS201	CS301
Application Development	M	H	L	H	L	M	M	N	H	H	H	H	H	H	H	H
Business Process Management	L	L	M	L	L	H	M	M	M	M	N	N	N	N	N	N
Collaborative Computing	N	N	M	N	M	N	N	L	N	N	N	N	N	N	N	N
Data Mining/Business Intelligence	N	N	M	N	L	L	M	N	N	N	N	N	N	N	N	N
Enterprise System	L	N	M	L	L	L	L	M	L	L	N	N	N	N	N	N
Human-Computer Interaction	M	L	L	L	L	H	L	M	M	M	L	L	L	L	L	L
Information Search and Retrieval	H	N	M	N	L	L	M	L	M	L	N	N	N	N	N	N
IT Audit and Controls	L	N	L	N	N	L	L	L	N	N	N	N	N	N	N	N
IT security and Risk Management	L	N	M	L	H	L	L	L	L	L	N	N	N	N	N	N
Knowledge Management	L	N	L	N	L	L	N	L	N	N	N	N	N	N	N	N
Social Informatics	N	N	M	N	N	N	N	L	N	N	N	N	N	N	N	N

CIS111 = Introduction to ~~Programming Logic~~ CIS
CIS261 = Advanced Microcomputer Applications
CIS305 = Management Information Systems
CIS361 = Using VBA
CIS367 = Data Communications
CIS375 = Systems Analysis and Design
CIS377 = Introduction to Database Concepts
CIS454 = Managing Information Technology
CIS476 = Web Development
CIS477 = Applied Software Development Project
CS 288 = Microcomputer-Based Programming (Visual Basic)
CS 388 = Advanced Microcomputer-Based Programming
CS 259 = Introduction to C# Programming
CS 359 = Advanced C# Programming
CS 201 = Object-Oriented Programming (Java)
CS 301 = Object-Oriented Design and Methodology

USI IT Alliance
Scholarships Subcommittee Meeting Minutes – 9/30/09

Attendees: Terry Clements, Susan Everett, Bruce Lane, Larry May

Two agenda items:
1. Should we support one or both fundraising objectives (IT alliance scholarship and/or AITP competition expenses)?
2. Agree on possible expanded/enhanced fundraising tactics.

Key discussion points:
- We are concerned about splitting fundraising emphasis between two objectives since we have not made satisfactory progress toward endowing the IT Alliance Scholarship; however…
- We see merit in supporting the AITP competitions, as they reflect favorably on the value and strength of USI IT-related majors (assuming our participation is strong)
- We were disappointed in the report-back from the AITP group a couple of years ago – most of the emphasis was on how much fun they had.
- This year's report-back (Aug. 20 IT Alliance meeting) was much better – the focus was on the performance of USI's students and the learning experience of the event.
- If the IT Alliance chooses to support the annual AITP contest, the AITP should report back to the IT Alliance each year on the benefits of the competition to the students and to the University.

Actions/decisions:
- We will ask the USI Foundation if we can direct 80% of IT Alliance fundraising toward scholarships and 20% toward AITP competition support. We would continue this mix until the first IT Alliance Scholarship is endowed ($12,000). We would continue to direct the first $500 received toward an annual scholarship award.
- Since it is our understanding that the AITP reaches out to non-USI students (Ivy Tech and possibly others), we would require that none of the funds raised via our efforts be distributed to non-USI students, and that none of the funds raised via our efforts would reduce the amount of funds directed to USI students from any other AITP fundraising efforts.
- We will expand our fundraising by sending a letter this Fall to the list of approximately 580 CIS and CS Alumni. The letter will include language about (a) success of scholarship funding to-date – 2 corporate-sponsored scholarships and one $500 IT Alliance Scholarship awarded per year for the last 3 years – and (b) success of USI students at recent AITP competitions. The letter would not give recipients a choice between these two funding needs; instead, it would indicate that gifts would be used to support both needs.
- We will also send a separate letter to members of EIEG (Evansville Information Executive Group) with similar content as the Alumni letter. The idea here is to expand our fundraising into the business community.
- If possible, we would offer an incentive in the Alumni letter – enter givers into a drawing for a prize (e.g. iPod touch, donated by Keller Schroeder) – need to clear this with the Foundation.
- Terry will draft the fundraising letters for review/refinement by members of our committee, and by the Foundation, with the objective that the letter be ready to go out immediately after the November 2009 IT Alliance meeting.
- Larry will confirm with the USI Foundation:
  - that they can underwrite the expenses for production/mailing of our letter,
  - that the 80/20 designation can be administered by the Foundation, and
  - that the incentive drawing for the Alumni letter is acceptable.

  Larry will also request from the Foundation some sample letters for use by Terry in drafting our fundraising letters. We would look to the Foundation for ideas on how to structure our "ask" (e.g. should we include a form where they can check a $25, $50, $100, or $1000 gift?)