



Occupational Safety, Health, and Environment (OSH&E) Program  
Department of Computer Science and Industrial Technology  
Southeastern Louisiana University  
SLU 10847  
Hammond, LA 70402

December 10, 2015

Dear OSH&E Advisory Committee Member,

On behalf of Southeastern Occupational Safety, Health, and Environment (OSH&E) Program, we would like to give our sincere appreciation to you for your involvement in the OSH&E Advisory Committee as well as your participation in the meetings and discussion.

Enclosed please find the report of the OSH&E Advisory Committee meeting that was held on November 6, 2015. Please feel free to let us know should you have any questions and comments!

It is a great honor and pleasure to invite you to our next semi-annual meeting, which is tentatively scheduled in April 2016. A formal invitation will be sent to you when the meeting date and venue are confirmed.

Thank you very much for your continued contribution to the program!

Sincerely,

Dr. Lu Yuan, CSP  
Interim Department Head &  
Associate Professor

Ms. Dorinda Folse  
OSH&E AC Chairperson

Mr. Lance Roux, CSP  
OSH&E AC Co-Chairperson

**OSH&E Advisory Committee  
November 6, 2015 Meeting Report by  
Dr. Lu Yuan**

The last Occupational Safety, Health, and Environment (OSH&E) Advisory Committee meeting was held from 9:30 AM to 1:00 PM on November 6, 2015 at the New Student Union Ballroom in Hammond. (Please see the attached sample photos!) This meeting was part of the CSIT Department Advisory Committee Annual Meeting. The attendees include thirteen of the twenty OSH&E Advisory Committee members (**Appendix A** with update-to-date contact information). Dr. Lu Yuan, the Interim Department Head of CSIT, and Dr. Ephraim Massawe, were co-hosts of the meeting. Mrs. Amanda Brown was not able to attend the meeting due to other commitment. Mr. Lawrence Mauerman, the former OSH&E coordinator, attended the meeting. Two OSH&E students, Breanna Prevost and Zackary Smith, were present. Special guests include: Mr. John Kendrick and Mr. Daniel Pichon of Textron Systems Marine & Land Systems, and Mr. Daniel Slattery (on behalf of Mr. Lance Roux) of SafetyPro Resources, LLC. Absent were Richard Matherne, Wayne LaCombe, Beth Inbau, Lance Roux, Alan Rovira, David Noland, and Charles Leonard.

**Appendix B** lists the agenda of the overall meeting. The meeting was called to order by Dr. Yuan at 9:40 am. Approximately 80 people participated in the event. Dr. Yuan introduced Dean Dan McCarthy who welcomed the group of advisory board members. In his remarks, Dr. McCarthy expressed his appreciation of the advisory committee. He also highlighted that a new Science and Technology building would break ground soon and this demonstrated the continually strong demands in the CSIT-related fields. Dr. McCarthy mentioned that unfortunately Mr. Jeff Lynn, Executive Director of Workforce Development Programs, LED FastStart®, was not able to make the meeting. However, the CSIT Department has been working with Mr. Lynn and his staff on mutual activities to promote the CSIT Department.

Dr. Yuan then introduced Mr. David Richard, CSIT Advisory Committee Chair. Mr. Richard made a 15-minute presentation which included various updates in each academic program as well as an update on the new departmental building. Then, Ms. Wendy Lauderdale, Vice President University Advancement, briefly presented the various ways that the advisory committee members could get involved with the new building and more importantly, the potential donation/sponsorship of equipment/hardware/software that will go into the building.

*At that time the committee broke out into groups by degrees.*

The agenda for the OSH&E Advisory Committee meeting is attached in **Appendix C**. Ms. Dorinda Folse welcomed the committee members. Next, members introduced themselves.

**OLD BUSINESS**

The first item was the OSH&E Fall 2015 Alumni Survey, which was administered via Survey Monkey at <https://www.surveymonkey.com/r/XM5FBTQ>. We have had 120 BS graduates since Spring 2006. Twenty-seven (including 1 Associate-degree graduate) filled out the survey. A summary of key findings is as follows:

- The top two types of employment are: construction/maintenance/structural and manufacturing/processing/refinery.
- Almost all graduates who responded to the survey agreed that our OSH&E program meets each of the four educational objectives.
- Graduates indicated that the OSH&E program helped them learn the skills/abilities that are reflected by the student outcomes in general. Items that received relatively lower rating include: Ability to utilize basic laboratory instrumentations associated with safety, health, and environment; Ability to demonstrate fundamental exposure assessment and environmental sampling techniques; and, Ability to demonstrate the interactions of physical, chemical, biological, and ergonomic agents, factors, and/or stressors on the human body.
- Graduates indicated that most of the OSHE major courses except OSHE 452 *Pollution Fundamentals and Control Technologies* which was not added into the OSHE curriculum until Fall 2011 have helped them in their current/previous jobs and/or graduate studies. Courses that received relatively higher rating include: OSHE 112 *Design of Hazard Controls*; OSHE 261 *Fire Protection and Prevention*; and, OSHE 231 *Safety Laws, Regulations, and Standards*.
- The other courses/concepts that either helped graduates or would help them if they were taught include:
  - Technical writing and organic chemistry
  - More management classes or better management classes would have been a benefit as well as more comprehensive information on the different types of certifications and how to get them
  - First aid/CPR or first responder class. Prep course for BCSP exams
  - Process Technology. An elective that covered the basic types of equipment and components typically used at an industrial facility and the P&ID symbols used to describe them would have helped ease the refinery/chemical manufacturer terminology learning curve.
  - Communications 211. The reason why is in my field, Training, is about 90% of what I perform. So, speaking in front of people and being able to relay messages and concerns to an audience is very important.
  - Stronger IH courses
  - Concept(s) not taught is the statistical analysis of safety data and the correlating financial impact to a specific demographic or industry
  - Classes more devoted chemical process safety
  - A class dealing with insurance would have been helpful in my current position. I did participate in ASSE and we had a guest speaker come and speak about insurance.
  - Filling out environmental documents (e.g. excess emissions report, DMR's...)
- Among the 20 graduates who have responded to the question on if they currently hold or plan to obtain licensure/certification in the safety, health, and environment field, 5 have obtained CSP (Certified Safety Professional), 10 have obtained ASP (Associate Safety Professional) or GSP (Graduate Safety Practitioner) and planned to take CSP in the future. Some of other graduates hold certificates such as CHST (Construction Health and Safety Technician), COSS (Certified Occupational Safety Specialist), and CWCP (Certified Workers' Compensation Professional).

- Among the 19 graduates who have responded to the question on if they are a member of any professional organization, 10 are members of ASSE (American Society of Safety Engineers), 1 (of those 10) is also a member of AIHA (American Industrial Hygiene Association), 1 (of those 10) is also a member of DSS (Delta Safety Society), 1 is a member of NSC (National Safety Council). Six graduates are members of Southeastern Alumni Association, among whom 2 are members of OSH&E Alumni Chapter.
- The changes that the graduates would suggest to improve the OSH&E program include:
  - More hands on training with gas meters. Reviewing of JSA's that can be found on the job site.
  - Need more guest speakers and adjunct professors with hands on experience.
  - A basic or introduction course in engineering principles
  - More laboratories
  - Stronger intern opportunities
  - More IH courses
  - Improvements to industrial hygiene courses
  - More field trip visits
  - Have more classes that teach principles on Worker's Compensation along with classes offered to teach on different machinery processes and tools.
  - Integrate staff with instructors who have worked in industry as safety professionals. Align with private business to allow students hands on experience in addition to co-op. Stronger focus on environmental practices.
  - More local/ regional industry support and sponsorship of the program. More business related courses.
  - Since it is an issue I deal with frequently in my career, I would suggest an exercise where students are encouraged to develop method statements for upcoming work in a group atmosphere.
  - Provide more field experience. The classroom environment does well but most graduates will be in the field setting in the beginning.

Next, Dr. Yuan and Dr. Massawe presented an update on the OSH&E Instructor Search. As of Nov.6, we have conducted telephone interviews on three candidates. Some of the members asked if they could also get involved in the on-campus interview. Dr. Yuan received an affirmative answer from the Southeastern Office of Human Resources and he sent an email to all OSH&E Advisory Committee members on Nov.12 to invite them to attend the on-campus interviews. As of Dec.10, we have conducted on-campus interviews on two of the three candidates and presented an offer to one of them. The candidate accepted the offer. He will begin teaching OSHE classes in Spring 2016 and we plan to “officially” introduce him at the OSH&E Advisory Committee Spring 2016 meeting.

During the discussion on this item, Mr. Steve Pereira also asked if Southeastern would consider allowing a faculty member with a Master’s degree to hold the tenured or tenure-track position. Dr. Yuan checked with the University Administration and unfortunately the answer is no. Some of the members also suggested that the new Science and Technology building should recognize Mr. Lawrence Mauerman’s dedication to the OSH&E program by perhaps establishing a scholarship with his name. Members also suggested that the OSH&E program and the CSIT Department should reach out to GBRIA, ABC, and AGC to explore mutual initiatives and

strengthen long-term relationships. It is important to note that the University Advancement has been actively involved in this action.

## **NEW BUSINESS**

Dr. Yuan stated that the OSH&E program would submit the request for the ABET re-accreditation in January 2016. The on-site visit is scheduled in the Fall of 2016. We received an offer of partially virtual visit from ABET in September 2015. Dr. Yuan has discussed the offer with Dr. McCarthy and he has also confirmed with the Southeastern Office of Technology on the resources that are required for the virtual visit. As of Dec.18, we received supportive recommendation from the Provost to pursue the partially virtual visit.

Next, Dr. Yuan talked about the enrollment issues with the newly approved OSHE professional electives, including: OSHE 423 *Insurance - Workers' Compensation, Loss Control and Risk Management* and OSHE 442 *Principles of Radiation Safety*. The meeting attendees also discussed possibilities of working with other organizations (e.g., Alliance Safety Council, DEQ) to offer hybrid credit and non-credit courses. Dr. Yuan told the members that the ASSE Southeastern Student Section would sponsor a Process Hazard Analysis Facilitator Certification course that would be taught by Mr. Glen Young on Dec.14-16 at Southeastern. As of Dec.18, the course was successfully held with 21 OSH&E students in attendance. We thank Mr. Young for his great help and support to the OHS&E program and students.

As before, there was a discussion regarding the possibility of offering a master's degree in the program. The meeting attendees discussed the pros and cons and the reality of adding this degree, especially with the new building in place soon.

The next advisory committee meeting will be held in April 2016. The main task for that meeting will be to prepare for the upcoming ABET re-accreditation evaluation.

Meeting was adjourned at noon. Members and guests returned to the main room for lunch and more networking.



## **Appendix A**

### **OSH&E Advisory Committee**

#### **Members**

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\* - Mr. Mauerman retired after Spring 2012.



## **ADVISORY COMMITTEE MEETING – NOVEMBER 6, 2015**

*Department of Computer Science and Industrial Technology*

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### **PROGRAM SCHEDULE:**

- 9am-930am Coffee Social/Networking, New Student Union, Large Ballroom (3<sup>rd</sup> Floor)
- 930am-10am Opening Remarks
- Dr. Dan McCarthy, Dean of College of Science and Technology
  - Mr. Jeff Lynn, Executive Director of Workforce Development Programs, LED FastStart®
  - Mr. David Richard, CSIT Advisory Committee Chair, President of FARA, A York Risk Services Company
  - Ms. Wendy Lauderdale, Vice President University Advancement
  - Recognition of CSIT 2015-2016 Scholarship Recipients
- 10am-12pm Break-out Sessions
- In Ballrooms A, B, and C, and Conference Room
- 12pm-1210pm Brief Summary by Executive Leadership Board and Program Coordinator in Large Ballroom
- Sean Goodgion, CGB (Computer Science, Information Technology) and Dr. John Burris, CSIT Undergraduate Coordinator
  - Joe Gelpi, Oceaneering (Engineering Technology) and Dr. Junkun MA, ET Coordinator
  - Jerome Mabile, Performance Contractors (Industrial Technology) and Dr. Roy Bonnette, IT Coordinator
  - Dorinda Folse, OSHA (OSH&E) and Dr. Lu Yuan, Interim Department Head
- 1210pm-1pm Lunch (Courtesy of Cajun Industries, LLC)
- In Large Ballroom

### **LOCATION:**

New War Memorial Student Union, 3<sup>rd</sup> floor

Bldg. # 29 on [http://www.southeastern.edu/map/assets/campus\\_map.pdf](http://www.southeastern.edu/map/assets/campus_map.pdf)

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**Appendix C**  
**OSH&E Advisory Committee**

**Semi-Annual Meeting Agenda**  
November 6, 2015

<u>Time</u>	<u>Issues</u>	<u>Actions</u>
10:00 - 10:15 am	Welcome & Introduction (By Ms. Dorinda Folse)	
10:15 - 11:00 am	Old Business	
	1. OSH&E Alumni Survey (By Dr. Lu Yuan)	
	2. OSH&E Instructor Search (By Dr. Ephraim Massawe and Dr. Lu Yuan)	
11:00 - 11:50 am	New Business	
	1. ABET Reaccreditation (By all)	
	2. OSHE New Course/Workshop Offerings (By Dr. Lu Yuan)	
	3. Others	
11:50 - 12:00 pm	Portrait & Group Picture	
12:00 pm	Luncheon	