

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

June 14, 2019

Dear OSH&E Advisory Committee Member,

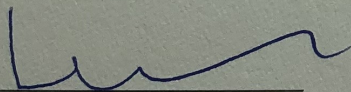
On behalf of Southeastern Occupational Safety, Health, and Environment (OSH&E) Program, we would like to give our sincere appreciation to you for your involvement in the OSH&E Advisory Committee as well as your participation in the meetings and discussion.

Enclosed please find the report of the OSH&E Advisory Committee meeting that was held on April 12, 2019. Please feel free to let us know should you have any questions and comments!

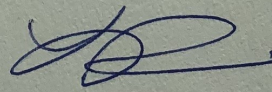
Our first meeting for the upcoming 2019-2020 academic year will be held as part of the 2019 Industrial and Engineering Technology Advisory Committee Meeting. The meeting is scheduled on Friday, October 25, 2019 on the Hammond campus. A formal invitation will be sent to you.

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

Sincerely,



Dr. Lu Yuan, CSP  
Professor of OSH&E



Mr. Lance Roux, CSP  
OSH&E AC Chairperson

## **OSH&E Advisory Committee**

### **April 12, 2019 Meeting Report by Mr. Chris Kuiper and Dr. Lu Yuan**

The last Occupational Safety, Health, and Environment (OSH&E) Advisory Committee meeting was held from 8:30 AM to 12:30 PM on April 12, 2019 in the new Computer Science and Technology Building conference room 3042 on the Hammond campus. (Please see the attached examples of photos!) The attendees include fourteen of the twenty-two OSH&E Advisory Committee members (**Appendix A** with update-to-date contact information). Five OSH&E full-time faculty members were present, including: Dr. Lu Yuan, Dr. Ephraim Massawe, Mr. Chris Kuiper, Dr. Priyadarshini Dasgupta, and Mr. Lawrence Mauerman. Three current OSH&E students including Dylan Duhe, Lacey Kararick, and Tyler Sansone, were also present. Absent were Steven Pereira, Beth Inbau, Rick Saizan, Chris Newton, Jody Hammett, Bill Cowser, Kathleen Loup, and Chris Robertson.

**Appendix B** contains the agenda of the meeting, which started with the welcoming from Mr. Lance Roux. Lance thanked the members for their contributions to the OSH&E program. He told the members that Workers' Memorial Day is on April 28, 2019 and he encouraged the members to remember the day. He also reminded the members of ASSP Safety 2019 PDC June 10-12 in New Orleans. Self-introductions were followed.

#### **OLD BUSINESS**

Dr. Yuan provided a review of the OSHE syllabus examination that the committee provided in the Fall 2018 semester. He affirmed that all committee recommendations were considered and implemented as appropriate.

English 322 *Professional and Technical Writing* is being reviewed in the department at the request of the English Department. This is a required class for the OSH&E curriculum but it is not tailored specifically to a single professional discipline. Student attendees noted that they spent time working on a resume, a budget memo and formatting a procedure, but there was little formal education on technical proposal writing.

This course generated discussion among the committee members. It was generally noted that the course needed to teach students how to write in APA format and how to build accurate and succinct reports and documents. The consensus of the group was that students were not being equipped with sufficient knowledge to go into jobs knowing how to write HSE programs and procedures in a professional manner. The following is a summary of the committee's recommendations. Dr. Yuan sent it to Dr. Saadeh on Apr.16.

- Need to include how to write references and technical citations
- Need to include how to write for specific reading levels
- Substitute resume with technical writing / legal defensibility
- Rubric would be helpful

Dr. Yuan stated that the syllabus is reviewed every three years. One suggestion from the committee is that there should be a need to develop a standardized evaluation form.

Dr. Yuan shared with the attendees that the ABET draft statement on the OSH&E ABET Reaccreditation Interim Report indicated that all remaining issues have been resolved. We expected to receive the OSH&E Final Statement in August 2019 without any issues that remain unresolved. Dr. Yuan also discussed some pros and cons of the ABET partially virtual visit process that the OSH&E program underwent in 2016.

Mr. David Noland spoke about BREC's experience of hiring an OSH&E student as an intern for the first time. He was very complimentary of the student and is considering him for a potential permanent position. Mr. Noland also discussed the city's efforts on ISO 45001 and ANSI Z10.

Dr. Yuan provided an overview of the draft OSHE new course, entitled Introduction to Human and Organizational Performance. Mr. Daniel Slattery generously donated his time to draft the syllabus which could serve as a 400-level OSHE professional elective or perhaps reside in the planned Masters of Science curriculum. It was also noted that the course could be tied to Human Reliability.

Results of the OSH&E Alumni Survey Fall 2018 were reviewed at the meeting. The survey was sent to 200+ OSH&E alumni; however, we only received 20 responses. So, there is a need to explore ways to improve the response rate. The survey is done every three years, so perhaps those alumni who responded the survey 3 years ago might not show significant interest to fill out another survey. There is also a need to streamline the survey questions so the survey can be done in 10 minutes or less. Dr. Yuan reviewed each of the questions in detail noting some areas of exceptionally high results and a few areas for continuous improvement.

Next, Dr. Yuan reviewed the OSH&E Employer Survey Spring 2019. The survey was sent to approximately 65 employers who either currently hire OSH&E graduates or students, or have hired in the past. Nineteen people responded to the survey. The feedback is positive in general though there are a number of 3's (out of a possible 5) which indicated opportunities for continuous improvement.

It was suggested that the curriculum should include some basic finance aspects. Mr. Kuiper explained that OSHE 421 *Measurement of Safety Performance and Accident Investigation and Analysis* includes some basic financial metrics (ROI, IRR, and NPV) but it is part of a bigger discussion on performance metrics. Mr. Glenn Young offered to develop some financial formulae that OSHE professionals should understand and will send them to Mr. Kuiper.

Dr. Yuan informed the committee that the OSH&E curriculum request for change for adding Zoology 250 and Zoology Lab 252 as an alternate to Zoology 241 was approved. In addition to the Zoo 241 class that is taught on Saturday only, the OSH&E students may take Zoology 250 and Zoology Lab 252 during the week and/or online. He also informed the committee that OSHE 391 *Internship* was approved to replace IT 391 in the OSH&E curriculum. Students may also elect to enroll in OSHE 492 *Capstone* if they are not able to acquire an internship. This is a research course and allows student to apply what they learned throughout their college career and demonstrate that they can apply this learning in a capstone project. In addition, OSHE 291, a

sophomore-level internship class, was also developed and approved as a Professional Elective to replace IT 291 for the OSH&E curriculum.

## **NEW BUSINESS**

Dr. Yuan noted that ABET Applied and Natural Science Accreditation Commission (ANSAC) have changed the General Criterion 3 Student Outcomes and Criterion 5 Curriculum. The OSH&E program will make changes to the program outcomes starting in Fall 2019 to be in compliance with the revised criteria.

Dr. Yuan shared the good news that the Master of Science degree in Occupational Safety or Safety Management (to be determined) has been given the green light to proceed with development. It is possible that the University will add other concentrations, such as environmental management, industrial hygiene, ergonomics, etc.

The curriculum will largely be online to afford non-traditional students an opportunity to engage in the degree. Dr. Yuan affirmed that the degree will have to be ABET-accredited. An acceptable GRE will be required for admissions into the 36-hour (tentative) degree program and will include an internship or Master's thesis. Dr. Yuan also indicated that the NIOSH and other grants may become available for student assistance.

The Advisory Committee will be asked to help develop a timeline and program outline to advance the process as quickly as possible.

Meeting was adjourned after group pictures were taken in the balcony. Lunch was served.





## **Appendix A**

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

#### **Members**

**Steven Pereira, CSP**

President  
Professional Safety Associates, Inc.  
1027 North Range Avenue  
Denham Springs, LA 70726

Telephone: 225-665-6000  
spereira@professionalsafety.com

**Wayne LaCombe, MSPH, CSP, CIH**

HSE Supervisor & Compliance Advisor  
Chalmette Refining, LLC  
Chalmette, LA 70044

Telephone: 504-281-1232  
wayne.lacombe@pbfenergy.com

**Beth Inbau, President & CEO, South Louisiana Chapter (New Orleans)**

National Safety Council  
4200 S. I-10 Service Rd. Suite 224  
Metairie, LA 70001

Telephone: 504-888-7618  
beth@metrosafety.org

**Rick Saizan, Gulf Coast Safety Council**

Lead Instructor/Developer  
170 James Dr E  
St Rose, LA 70087

Telephone: 504-469-7787 x215  
rick@mygsc.com

**Lance Roux, CSP, ASSP Region IV Secretary**

SafetyPro Resources, LLC  
18405 East Petroleum Dr., Suite C  
Baton Rouge, LA 70809

Telephone: 225-247-7011  
lroux@safetyproresources.com

**Alan Rovira, MS, MPH**

Industrial Hygienist  
Shell Health  
15536 River Road  
Norco, LA 70079

Telephone: 504-465-6893  
Alan.Rovira@shell.com

**David Noland**

BREC Senior Risk Manager  
6201 Florida Blvd.  
Baton Rouge, LA 70806

Telephone: 225-273-6430 Ext. 533  
dnoland@brec.org

**Buddy Mincey Jr., Safety Director**

Volks Construction  
10983 Hwy. 1033  
Denham Springs, LA 70726

Telephone: 225-673-5302  
buddy@volksconst.com

**Connie Fabré, Executive Director**

Greater Baton Rouge Industry Alliance, Inc. (GBRIA)  
5800 One Perkins Place Dr., Ste. 5-A

Telephone: 225-769-0596  
ConnieFabre@gbria.org

Baton Rouge, LA 70808

**Glenn Young, CSP**

President  
Glenn Young & Associates, LLC  
5261 Highland Road, No. 193  
Baton Rouge, LA 70808

Telephone: 225-772-1588  
g.young.g@gmail.com

**Chris Newton**

Workforce Development Coordinator  
Cajun Industries, LLC  
P.O. Box 104  
Baton Rouge, LA 70821

Telephone: 225-754-0241  
chris.newton@cajunusa.com

**Charles Leonard, CIH**

Industrial Hygiene Consultant  
Leonard & Associates  
4739 Loyola Drive  
Baton Rouge, LA 70808

Telephone: 225-335-7457  
charlie@cleonard.net

**Jody Hammett, Ph.D.**

Consultant, Hammett Resources

Telephone:  
jody.hammett@att.net

**Eric Miller**

Telephone: 985-237-9086  
millereric298@gmail.com

**William Cowser**

PO Box 1729  
Slidell, LA 70459

Telephone: 985-649-0267  
WLCOWSER@aol.com

**Julie Roussel**

Responsible Care  
4171 Hwy. 73  
Geismar, LA 70734

Telephone: 225-402-0360  
jroussel@methanex.com

**Ellis Vliet**

Telephone:  
evliet@att.net

**Sandra Cashe**

Senior VP & GM of Contractor Management  
PEC Safety  
233 General Patton Ave.  
Mandeville, LA 70471

Telephone: 985-327-1315  
sandrac@pecsafety.com

**Kathleen Loup**

Safety Director  
River Parish Contractors, Inc.  
4007 W Airline Hwy  
Reserve, LA 70084

Telephone: 985-536-1425  
kathleen.loup@rpcontractors.com



**Chris Robertson, MSPH, CIH, CSP**

President and CEO  
TES, Inc.  
5133 Taravella Road  
Marrero, LA 70072

Telephone: 504-348-3098  
crobertson@tesconsult.com

**Sheri Bankston**

Director of Education Innovation  
Alliance Safety Council  
10099 N. Reiger Rd.  
Baton Rouge, LA 70809

Telephone: 225-282-3314  
sbankston@alliancesafetycouncil.org

**Ritchie Hofmann, CSP**

Refinery Safety Manager  
Valero St. Charles Refinery  
14902 River Road  
Norco, LA 70079

Telephone: 985-764-5893  
ritchie.hofmann@valero.com

**Student Members**

**Dylan Duhé**

**Lacey Kararick**

**Tyler Sansone**

**Faculty Members**

**Dr. Lu Yuan, ScD, CSP**

Undergraduate Coordinator  
Department of Industrial and Engineering Technology  
Professor  
Occupational Safety, Health, and Environment (OSH&E)  
Southeastern Louisiana University  
SLU 10847  
Hammond, LA 70402

Telephone: 985-549-5934  
Lu.Yuan@selu.edu

**Dr. Ephraim Massawe, ScD, CIH**

Associate Professor  
Occupational Safety, Health, and Environment (OSH&E)  
Department of Industrial and Engineering Technology  
Southeastern Louisiana University  
SLU 10847  
Hammond, LA 70402

Telephone: 985-549-2243  
Ephraim.Massawe@selu.edu

**Mr. August (Chris) Kuiper, MS, CSP**

Instructor  
Occupational Safety, Health, and Environment (OSH&E)  
Department of Industrial and Engineering Technology  
Southeastern Louisiana University

Telephone: 985-549-3751  
August.Kuiper@selu.edu

SLU 10847  
Hammond, LA 70402

**Dr. Priyadarshini Dasgupta, ScD**

Assistant Professor  
Occupational Safety, Health, and Environment (OSH&E)  
Department of Industrial and Engineering Technology  
Southeastern Louisiana University  
SLU 10847  
Hammond, LA 70402

Telephone: 985-549-3355  
priyadarshini.dasgupta@selu.edu

**Mr. Lawrence Mauerman, MAS, PE**

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

Telephone: 985-549-3476  
Lawrence.Mauerman@selu.edu

**Appendix B**  
**OSH&E Advisory Committee**

**Semi-Annual Meeting Agenda**

April 12, 2019

<u>Time</u>	<u>Issues</u>	<u>Actions</u>
8:30 - 8:45 am	Welcome & Introduction (By Mr. Lance Roux)	
8:45 - 10:15 am	Old Business	
	1. Summary of OSHE Syllabus Examination Fall 2018 (By All)	
	2. OSH&E Alumni Survey Fall 2018 and Employer Survey Spring 2019 (By Dr. Lu Yuan)	
	3. OSH&E Curriculum Request for Change (By Dr. Lu Yuan)	
10:15 - 10:30 am	Break	
10:30 - 11:15 am	New Business	
	1. ABET ANSAC Criteria Change (By Dr. Lu Yuan)	
	2. OSH&E MS Program (By All)	
11:15 - 11:30 am	Portrait & Group Photos	
11:30 - 12:30 pm	Lunch	