

**Prairie View A&M University
Chemical Engineering Department
Industrial Advisory Council**

Meeting Minutes

01 October 2021

Meeting called to order at 14:10 CDT by Yao Ababio

Attending:

Name	Organization	Phone
Ken Walter	Retired Consulting Engineer	281-292-3623
Michael Washington (93)	Arkema, Inc	201-254-0213
Vic Edwards	VHE Technical Analysis, LC	713-724-0406
Yao Ababio	YAB Solution	281-704-7455
Cordelia Price	Retired Engineering Manager	713-594-6364

Absent:

Freeman Self	Bechtel	713-526-9172
Caryn Davis	Bechtel	832-723-4334

Alumni:

Jessica Wright (06)	Blain Sanders (07)	Setrina Davis (95)
Chris Houston (94)	Casey Cook (05)	

Faculty in Attendance:

Dr. Michael Gyamerah	PVAMU Chemical Engineering (HoD)	281-746-0480
Dr. Lealon Martin	PVAMU Chemical Engineering	
Dr. Emmanuel Dada	PVAMU Chemical Engineering	215-850-1883
Dr. Jorge Gabitto	PVAMU Chemical Engineering	
Dr. Sheena Reeves	PVAMU Chemical Engineering	
Dr. Safwat Shakir	PVAMU Chemical Engineering	832-250-9419
Dr. Kazeem Olanrewaju	PVAMU Chemical Engineering	319-594-1861
Ms. Sachie Etherington	Laboratory Coordinator	
Ms. Charlesedder Love	Administrative Assistant	

Previous meeting minutes were reviewed and accepted with necessary corrections.

Departmental Updates:

1. Faculty:
 - a. Eleven faculty, with ten tenure track positions and one adjunct.
 - b. College enrollment trending downwards.
 - c. IAC advice desired to improve recruitment. Recruitment from the department. 50/50 transfer/freshmen students.
 - d. NSF grant (\$1.7 million) for active learning activities secured.
2. Curriculum:
 - a. Computations in Chemical Engineering Course (CHEG 1022) every semester for Freshmen introduced to replace ELEG 1043 (C++). Becomes a pre-requisite for CHEG 3011 Chem Eng Lab 1, to address Aspen-Hysys and other computational issues. CHEG 4133
 - b. All courses sent to university approved include advance thermodynamics and transport, reaction engineering, project safety, petroleum engineering
 - c. Material and Energy Balance is now pre-requisite to Chemical Eng Thermo 1
 - d. Students advised on engineering economics (CHEG 2003) in first-semester junior year
 - e. Courses to be renumbered except graduate courses to the Texas Common Course numbering system.
 - f. Students (freshman/sophomore) to develop long-range plans for advisor engagement
 - g. Six year general graduation rate at least 60%. PVAMU ChemE is about 40%
 - h. Retention is nationally 80%. PVAMU is about 65%
 - i. All courses are in person.
 - j. Pandemic affected class restart. Students are conscious of health and safety issues.
3. Staff:
 - a. New Administrative Assistant - Ms. Charlesedder Love
4. Laboratory:
 - a. Two labs, with one complimentary to the other.
 - b. Several new equipment care Dr. Reeves (Title 3 funds).
 - c. Three instructors (Drs. Antoine, Martin & Gabitto) with a lab coordinator.
 - d. Students are conversant and competent in lab safety.
 - e. Graduate students with deficiency site din report writing. Data analytics lab to help with basics. Improvement desired in report writing.
 - f. Technical writing feedback for students – generally negative.
5. Senior Design:
 - a. Acknowledgements:
 - i. Thanks Michael Washington from HoD for continuous Senior Design help
 - ii. Dean's senior design request should be reviewed for future satisfaction
 - iii. Should be pitched to students as a presentation to the corporate office that needs less technical content than regular project reports – more business approach
 - iv. Potential for awarding extra credit to be considered

- v. Alumni to consider funding an award and challenged to raise \$1.0 million to support endowment efforts.
- 6. ABET:
 - a. Mock visit, SACS visit due May/June 2021.
 - b. SACS completed in the Spring.
- 7. Alumni:
 - a. Facebook design – Satrina Davis.
 - b. Speakers (to student seminars):
 - i. Chris Houston: 10/21/2021 Project Management
 - ii. Michael Washington: 10/14/2021 Process Safety Basics
 - iii. Blaine Sanders: 11/04/2021 Project Management
- 8. Other Matters:
- 9. Next IAC Meetings:
 - a. 28 January 2022
 - b. 07 October 2022
- 10. Senior Design Presentation – Spring:
 - a. 23 April 2022