

**Minutes of the SDSM&T GGE Advisory Board Meeting
September 23, 2017**

Classroom Building Faculty Lounge (2nd Floor Classroom Building)

Board Members present: Jeanne Goodman (Board Chair), David Hammond, Steve O'Rourke, Sherwin Artus, Barb Beasley (Board Secretary), John Chancellor, Paul Murphey, Greg McDonald, Janet Carter, Tim Wilcox

SDSM&T Administration present: Demitris Kouris, Provost and Vice President for Academic Affairs

GGE Faculty present: Laurie Anderson, Kurt Katzenstein, Foster Sawyer, Zeynep Baran, Dan Soeder, Liangping Li, Ed Duke, Sally Shelton, Gokce Ustunisik, Nuri Uzunlar, Darrin Pagnac, Larry Stetler, Tim Masterlark, Arden Davis, and Christopher Pellowski

Welcome, Introductions, and Meeting Agenda Review: Jeanne called meeting to order at 9:05 AM in the Classroom Building Faculty Lounge. She turned the floor over to Laurie Anderson.

Introductions of the group.

Demitris Kouris, Provost, provided an update of the SDSM&T campus:

- Jan Puznski, 23-year Chemical Engineering Faculty member and Vice-President of Research, was named Interim President following President Wilson's departure.
- Enrollment is a challenge with a reduction of \$1.7 million to budget because of a decline in student enrollment. With the fiscal cooperation of departments and faculty loan from the Board of Regents will be paid in full by the end of 2017. There remains a need to build reserves and reduce dependence on enrollment.
- SDSM&T is comprised of 52% out-of-state students, with an ongoing effort to increase out-of-state students, to increase scholarships and develop innovative methods to resolve the enrollment issue.
- Advisory Board can help spread the word about career placement rates of 96-98%.
- The Foundation is promoting endowments especially for freshman scholarships.
- More support from Alumni and Faculty in recruitment events is welcome. Sherwin has participated in a large number of recruitment events. Alumni sharing success with prospective students is the best advertising.
- Athlete recruiting is crucial as enrollment increases when sports teams win. Also, the GPA of athletes is higher than the student body in general at SD Mines.

Introductions of Faculty and AB Members

Minutes of the last meeting: Motion by Steve, second by Greg to approve; unanimous approval.

Department Updates

Dr. Laurie Anderson: See handout for details.

Dan Soeder: Energy Resources Initiative (ERI).

Dan's vision for ERI is to develop the effort across disciplines, to collaborate across SDSM&T and with tribal governments, and to have students work on solving real world energy issues on global scales. Dan is investigating access to data and projects for students to work on. He realizes that ERI will compete with efforts at other universities, but thinks it is better to collaborate. The Mining Engineering Department is very interested in working with ERI.

Nuri Uzunlar: Field Camp Update.

- Three camps were added in 2017.
- Two camps to be added are South Africa and Scotland.
- 2017 by the numbers; 19 field camps in 11 locations, including 2 in paleontology. 268 students (302 in 2016), 34 Faculty hired, 6 TA's, Total number of credit hours 1,241, Total revenue \$1,368 million, 89 schools represented. 90% satisfaction rates.
- Ranch A needs to be replaced by a SDSM&T owned facility.

Discussion with faculty on needs and how the GGE AB can help

The Robert's Mineral Collection is in need of organization, curation and rehousing. Volunteers are needed to help organize collection so that efforts can be made (via grants or through the Foundation) to support upgrading the space, especially cabinetry.

The department is still looking for ways to fund upgrades to the computer lab so that industry software (e.g., Petrel) can be used in classes and for student research. Can the AB help to bring people here to provide training on specialized software?

Subscriptions for journals remains an issue, although the University is again picking up the costs of Inter-Library Loans.

Scholarships are needed.

The MI building is in great need of renovation (56 years without major modifications). Both State and private funds will be needed to fund the renovation. **The AB is to appoint someone to assist in communicating the issue with the Board of Regents.**

Faculty members are looking for datasets appropriate for student research. It is difficult to get access to data from companies. Steve volunteered to help.

The faculty and students would like additional support for speakers (travel expenses). The possibility of hosting speakers via webinars was raised. The Advisory Board also wants the faculty to provide information on subjects of interest. Laurie will compile this information.

The AB wants to share knowledge and experiences not just find funding.

Board meeting:

Jeanne called the meeting to order.

1. **Election of new member:** First order of business was to elect John Chancellor to be a member of the Advisory Board. Motion to accept by Sherwin, second by Dave. Motion carried. Welcome John!
2. **Review of Board Charter:** The Board Charter needs updating. See the attached updated charter draft for changes discussed.
3. **Short bio of board members on GGE webpage.** It was decided to add profiles of Board members with short biographies to the department's web page.

There was no other business.

The next meeting will be either April 14 or 21, 2018, at which time there will be election of new officers.

Motion to adjourn was made by Steve.

Following adjournment, Museum and Field Camp committees met.

Respectfully submitted,

Barbara A. Beasley
GGE Advisory Board Secretary