

Minutes of the SDSM&T GEOE/GEO/ PALE Advisory Board Meeting
September 22, 2012
SDSM&T Downtown Campus

Members present: Chairman Steve O'Rourke; Barbara Beasley; Tom Bidgood; Paul Ching; William Gates; Jeanne Goodman; David Hammond; Paul Murphey

Also attending: Laurie Anderson; Ed Duke; Brad Johnson; Tim Masterlark; Maribeth Price; Darrin Pagnac; Colin Paterson; Bill Roggenthen; Sally Shelton; Larry Stetler; Nuri Uzunlar; Christena Belanger; Kurt Katzenstein; Mike Selzer; Arden Davis

Amidst the grief on campus following President Dr. Wharton's death, Acting President Dr. Hrcncir welcomed the Advisory Board. He announced the University's Memorial Service for Dr. Wharton was scheduled for Monday afternoon September 24, 2012, in the Campus Quadrangle. He also indicated he will begin re-establishing external relationships in the coming year, working with the SDSM&T Foundation, the Alumni Association, and SDSM&T friends.

Laurie Anderson gave an update on the department since the April Board meeting. A copy of the presentation is included in the meeting folders.
Committee Reports:

David Hammond, Chair of Charter Development – Advisory Board Charter was presented and discussed. The Mining Department's Charter had been used as a model, modified to fit the GEOL/GEO/PALE Department. Lines have been added for department chair and Advisory Board chair signatures since the draft was sent to board members.

David Hammond motion/ Bill Gates second to accept the proposed charter. Motion carried. Further discussion was to change "2/3 majority" vote to "simple majority" of board members. David Hammond motion/ Tom Bidgood second to amend the Charter to "simple majority". Motion carried.

David Hammond further moved/Barbara Beasley second to approve charter as amended. Motion carried unanimously. Further discussion was to leave

“2/3 majority” votes for membership. Tom Bidgood motion/David Hammond second to make this change. Motion carried unanimously. Laurie and Steve signed the charter as approved; Laurie has the originally signed charter.

It was recommended the Charter Committee stand down. Thanks to the committee members for your service.

Paul Ching, Chair of the High School Recruitment Committee – Committee has not met. However, Paul will be contacting Molly Frankl, Admissions, who coordinates high school career days. Paul stressed it is important for alumni in all areas to become involved in these career days because it can reach large areas with several high schools participating. It is key to sell the cost of tuition at SDSM&T compared to other states. Colin Paterson and Kurt Katzenstein reported they had interviewed incoming freshmen and found that the students were most influenced to attend SDSM&T by campus visits. Other ideas for recruitment were using social media, videos, monthly chats, visiting scientists, etc.

Tom Bidgood, Chair of the Industry/Agency Engagement: Internships, hires, funding Committee – Committee has not met. Discussion included alums providing their company HR people information on the department. Funding is another issue, and relationship building is underway and needed. Alums should urge their companies to contact the department to come and see what is going on in the department on campus and help themselves build their company/staff resources.

Scott Foss Chair of the Arrow Quiver Committee – Committee has not met, and there was no report.

Paul Harwig is on this committee and has requested to be replaced on the Board. Barbara Beasley volunteered to take Paul Harwig’s place on the committee.

Nuri Uzunlar, Chair of the Energy Research Committee – Nuri sent out a flier in July but has not received much response. Oil and gas research is going on in the Dakotas and surrounding area. Students and South Dakota Geological Survey are gathering data, and students are involved in shale-related studies. Larry stressed a need to define the Three Forks, so there is a need to convince someone to core through the Three Forks when they drill through it in Harding County. There is a

DOE grant for students doing research on the Niobrara Formation on the Rosebud Reservation. Bill Roggenthen discussed a cooperative effort with the Civil Engineering Department/RESPEC/GeoE Department on research of shale for waste disposal.

Discussion followed regarding the department's needs in energy research and the need for a prioritized list for the funding sources and decision makers.

The following topics were discussed:

- Graduate Programs:
 - Recruiting
 - Revising/expanding programs
 - Non-thesis option – “professional masters” has been available for some time but not used often. Not much support from the Board for removing thesis emphasis.
 - Accelerated BS/MS programs
 - Paleo as part of GEOE/GEO MS – number of students, faculty, meeting Regents requirements.

(Agenda items for next meeting is to discuss the goals and vision of the paleo program and to continue discussion for all of the items regarding graduate programs.)

- Developing industry, agency, alumni relationships:
 - Work with oil and gas production companies in the Dakotas to seek research funding. Begin with support of Larry's and Kurt's students. Proposal: Jeanne provide a list of oil and gas companies permitted in South Dakota to David and Paul. They will set up a work group or subcommittee with Nuri, Foster Sawyer, and Sherwin Artus.
 - How do we get from individuals to the person(s) with funding authority? Tom offered to work with Colin on mining companies, make contacts with Newmont and Barrick representatives who are coming to the Career Fair in September. David also offered to work with Sherwin on a few contacts with Newmont and work with Mike Selzer and the Foundation.

- Mike Selzer offered the Foundation's perspective on a process of engagement to develop Corporate relations and not just alumni. Mike suggested putting this on next meeting's agenda and invite Christie Horn or staff to talk about what is in place. Brad Johnson also distributed a one-page handout and discussed the Foundation's Corporate Relationship Continuum.
- Research Center – Bill Roggenthen has been working on this issue where there may be funds for another research center with a focus on oil and gas. **The board supports efforts to develop the concept of a research center looking at oil and gas/shale fracturing research.**

The next meeting date will be determined for a Saturday in April.

Action Items:

Laurie: Provide contact information for companies/agencies coming for Career day on campus September 25. **Completed.**

Laurie: Send out three possible April meeting dates and the **Board members** can respond with availability.

Nuri: Update White Paper and send out to everyone.

Advisory Board members: Provide Steve O'Rourke names of potential replacements for Paul Harwig so his replacement will be in place by next meeting.

Jeanne: Provide a list of companies producing oil and gas in South Dakota to David and Paul. **Completed.**

David: Talk with Sherwin, maybe work with Mike Selzer, to identify and make contacts with Newmont. Perhaps develop a process or template for industry.

Items and Suggestions For Next Meeting:

- Chairman O'Rourke asked for a phone connection to be arranged for those members who cannot attend.

- David recommended committee chairs appoint an alternative if the chair cannot attend.
- Department will prepare the goals and visions for the Paleo program to include the pros and cons on a separate paleontology MS degree.
- Continue discussions of Graduate Program topics
- What is the department's vision for the number of students?

Steve O'Rourke motion/Barbara Beasley second to adjourn the meeting.

Respectfully submitted

Jeanne Goodman

Approved April 19, 2013