

UB Geology Alumni Advisory Board
Outreach Committee – status – 11-16-09
Dave Muscalo / Gary Kent

Committee Members: Kent, Muscalo (Co-Chairs), Basinski, Citron, Ellis, Frederick, Hooper

Committee Objective:

In collaboration with the department, improve communication and engagement with alumni, the community and industry to enhance opportunities for our students.

In addition, to become a resource for alumni and friends to increase involvement and strengthen their relationship with the department

A. Enhance Career Mentoring for Current UB Geology Students by: Promoting Skill Sets, Industry Awareness, and Employment Network Assistance.

Task 1: Develop a calendar of Seminars based on student polling

Deliverable -

- Prioritize listing with Clubs
- Arrange alumni participation
- Post calendar

Representative Alumni – Gary Kent

Status – Need to discuss and settle on “seminars” planned for 09-10 year, discuss during November meeting.

Task 2: Develop, manage and grow participants list of the Alumni Association “Meet a Mentor Program”. Develop discrete distribution lists for students who may want to forward questions to specific sectors of industry, i.e. Oil & Gas, Environmental, etc.

Deliverable - Mentor List (s)

- 100% increase in current Geology mentors.
- Alumni status lists (contact and participation status)
- Provide sorting of industries served

Representative Alumni – Kyle Fredrick

Status – “Meet a Mentor” letter sent out for circulation among alumni. Still considering internal group more aligned with mentoring early years. Need to determine current list of participants. Identify status of Alumni, and plans to call / contact to help promote the program.

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Task 3: Develop list of employers that have, do, or could employ geologists from UB. Develop contacts at these companies (geologists and recruiters). Work with UB Career Services to encourage these companies to participate in the University's Career Fair, or other department career activities.

Deliverable -

- Company Listing, (name, market, location, contact)
- Annual Career Fair – provide list to career services to invite these companies to attend.

Representative Alumni – Kyle Fredrick & Paul Basinski

Status – Discuss during meeting to see if any lists currently exist. If no, determine which application to use to start one.

Task 4: Develop a “how to” guide to transition into the working world. Assess what employers seek in current and future employee skill sets, perhaps through an employer poll. Develop a list of “geologist attributes” that employers look for.

Deliverable -

- Transition guide posted, updates to follow.
- Collect results of attributes survey and Post stats.

Representative Alumni – Don Hooper

Status – Survey has been sent out by department to committee members with requests to distribute further. Poor response to date. Need to follow-up with members for support. Open topic at November meeting.

Task 5: Develop a “Seminar” on technical writing skills aimed at employer needs. Compares the needs and goals of academia, to the rest of the working world. Supported by novel written by Dave Muscalo

Deliverable -

- Writing guidelines posted to website
- Seminar and supporting notes

Representative Alumni – Dave Muscalo & Kyle Fredrick

Status –

B. Improve Communication with Alumni

Task B1: Update Alumni email database to insure most recent information. Send electronic copies of EPOCH and other information rather than sending hard copies via U.S. mail. Increase the frequency of department – alumni contact

Deliverable -

- Review and update the current Alumni list.
- Quarterly department E-note.
- Track utilization of members

Representative Alumni – Gary Kent &

Status – Held discussions regarding sending cards out with current Epoch edition notifying them that Epoch will be distributed electronically unless otherwise requested.

List of items developed by students.

To be the basis of structured Seminars or discussions with local professionals willing to participate.

I'm not convinced we need an approved University syllabus to just give the students some background of what happens in the real world. Possible these discussions will turn individuals toward or away from certain fields of geology.

Again the clubs could vote on the highest interest ones.

- Resume writing and targeting
- Engineering drawings
- Oil and Gas fieldwork
- Water supply field work
- Drilling tools and techniques
- Surveying / Mapping
- Mining tools and techniques
- Well construction tools and techniques
- Sample analysis
- Permitting
- Environmental Investigations
- Ground water contaminant reclamation
- Hazmat, PPE, training
- Borehole Geophysical Investigations tools and techniques
- Surface Geophysical Investigations tools and techniques
- Writing skills –
- Computer programs – types, application, proficiency
- Business administration
- Highway / Bridge construction basics
- Building foundation / earthwork
- Remote sensing tools and techniques
- Reservoir analysis tools and techniques

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- Sub-sea investigation tools and techniques
- Space / planetary investigation tools and techniques
- Soils investigations tools and techniques
- Glacier investigation tools and techniques