**Retreat Faculty Input for ChE Department Goals**

Joseph D. Smith, 18 Aug 19

**Climbing the Mountain- where is our department going?**

To get to the summit, a hiker needs a clear map showing the path to take to the top. I asked the faculty the following question: “What actions can we take over the next year that will put us on a trajectory leading to the summit? The faculty was split into two groups and discussed our vision of “where we will be in a year from now”. Results from each group are listed below. We will use this information to form our department goals.

**Group 1:**

1. *Successful department chair search will be completed!*

Each faculty will proactively nominate potential candidates. Each faculty will participate by presenting optimistic, positive view of department and will follow-up with candidates as appropriate.

1. *Increase our research expenditures by 25%*

The college goal is $200,000 per faculty per year which is the “summit” so 25% increase by next year is on this path.

1. *Increase faculty presence and recognition*

Faculty will Increase proposal submissions, form collaborative proposals, form industrial partnerships, attend key workshops, identify and pursue new hot topics.

1. *Increase outreach to multiple audiences*

Need to expand this…which audiences, how to reach, what activities can we do?

1. *Successfully prepare for and complete our ABET accreditation*

Gather/submit required course data to department/college ABET lead.

**Group 2:**

1. *Enhance quality of undergraduate education*

Increase presentations by faculty to undergrads about their research activities and by undergrads to faculty about their undergrad research experience and use these in UG courses

1. *Establish a UO laboratory committee*

Review all UO lab experiments and develop a realistic upgrade plan for each.

1. *Expand quality of undergrad experiments*

Identify and work with company sponsor for each experiment

1. *Expand online course offerings*

Follow Dr. Luks’ example with her courses and put more on YouTube for student’s use

1. *Establish BioChemE program at UMSL*

Follow-up with UMSL and execute plan

1. *Actively participate in NIMBL and RAPID research centers to expand and nurture industry contacts*

Join Rapid, attend workshops at annual meeting, submit collaborative proposals

1. *Find new chair*

Faculty identify candidates to selective approach and actively participate in recruitment process