

PPBC meeting 11/03/22

In attendance: Ken Rines (Physics), Ying Bao (Chemistry), Qiang Hao (SMATE), Brian Hutchinson (Chair; Computer Science), Xicheng Jiang (Engineering), Tim Kowalczyk (AMSEC), Robert Mitchell (Geology), Amy Anderson (Math), Dietmar Schwarz (Biology), Janelle Leger (CSE, advisory)

1. Minutes from 10/20/2022
  - a. Minutes were discussed and revision suggestions were provided
  - b. The revised minutes were approved unanimously
2. Committee vacancies were discussed:
  - a. Committees, such as UPRC, CUE and Senate Library may have vacancies. Vacancies will be confirmed and discussed in future meetings
  - b. UPRC meets every other Wednesday from 4:00-5:30
  - c. PPBC members please email if interested in serving as the UPRC representative from CSE
3. The following budget proposal abstracts were discussed to gauge interests among PPBC members:
  - a. Proposal abstract(s) from AMSEC:
    - i. **Increasing Student Access to STEM Instrumentation Through an Expansion of STEM Graduate Programs.** Request is for 4 GTAs supporting STS training and instrumentation use, with an additional 2 GTAs supporting AMSEC training and instrumentation use. Goal is to support high-impact training of undergraduates on our state-of-the-art instrumentation. Non-labor cost estimate unclear.
  - b. Proposal abstract(s) from Geology:
    - i. **Applied Geosciences.** This effort was brought to the legislature in 2015 and didn't move forward; since then, it's been held up getting out of the university, so the size of the ask has been pared down to 2 new faculty. This adds a professional science masters option for geology graduate students.
    - ii. **Stable Isotope Geochemistry Lab.** This is an area of growth (two new isotope geochemists) for the department. The instrumentation they need requires staff support to maintain and grow these research programs. This should help competitiveness of proposals, make good use of obsolescent space, and is consistent with additions in other areas.
  - c. Proposal abstract(s) from Computer Science:
    - i. **Computer Science Graduate Program Expansion.** Graduate program is CS would like to grow through a track system. This effort moved partially forward but did not get fully funded at the state level previously.

- ii. **Data Science Minor.** Minor in Data Science will support CSE students across majors. Requesting 3 TT lines (2 CS, 1 Math) to support the projected 60 minors annually.
  - iii. **Expanding student access to teaching assistants and growing diversity among students in computing courses.** CS requests resources to hire TAs and graders to support the larger number of sections and labs, overcoming a budget shortfall in supporting instructional efforts. PPBC recommends this proposal be built on through communications with other departments to build a cross-college proposal supporting undergraduate TAs.
  - iv. **Increasing Student Diversity in CS By Enhanced EID.** One FTE for CS to redesign gateway courses, increase representation, etc.
- d. Proposal abstract(s) from Chemistry:
- i. **Expanding Equitable Access in Chemistry, Biochemistry, and Pre-Healthcare Courses.** Pre-health needs create need for 3 TT faculty in chemistry now that we have space to accommodate new lab space for them.
- e. Proposal abstract(s) from Engineering:
- i. **Makerspace Manager & Research Associate.** Makerspace is seeking staff support to help train students and ensure an inclusive makerspace.
  - ii. **Industrial & Systems Engineering (BS) on Campus and the Peninsulas.** Program on the Peninsulas for Industrial & Systems Engineering. There will also be a main campus presence.
  - iii. **Industrial Design User Experience Concentration and Expansion.** This will expand access to ID programs.
- f. Proposal abstract(s) from College of Science and College of Environment:
- i. **Supporting Graduate Education through Faculty Research.** Final proposal is for 2 staff to support post-award activity for sponsored research across CENV and CSE. Comments were made that these positions would be more on the faculty support side rather than BFA's compliance-oriented role and that 2 staff may still not fully meet the need.