

Evaluation Standards of the Physics Section for Promotion and Tenure

(DPEC/FEAC Guidelines)

We adhere to the Evaluation Procedures set down in Article VIII of the current Collective Bargaining Agreement. In addition we augment the criteria under the performance categories (Teaching Effectiveness, Scholarship and Service) by which DPEC and FEAC judge the worthiness of a candidate.

Teaching Effectiveness:

Student evaluations are relied on most heavily as are classroom observations. Any criticisms from a previous DPEC report, classroom observation or student evaluation should show subsequent improvement. Other activities are presented below in order of their importance as so considered by the faculty of the Geology/Physics Department:

- Regularly assess student learning and employ multiple methods of assessment
- Provide support to students outside of class (office hours, etc.)
- Advise Students
- Stay current with new methods of teaching
- Be introspective and reevaluate teaching methods periodically based upon
- student evaluations and faculty observer recommendations
- Membership in The American Association of Physics Teachers (regional or national)
- Does class time have a mix of lecture, demos, multi-media and exercises format
- Are real world examples provided to accompany theory
- Are new laboratory exercises created every year
- Are grade distributions provided for each class
- Attendance at off-campus workshops and conferences
- Guest lectures or workshops presented
- Involvement in collaborative pedagogical activities
- Document Evidence of Effective Teaching
 - Course Syllabi
 - Materials used in class
 - Sample exams
 - Student Course evaluations
 - Evidence of addressing course learning outcomes

Service to the College (and relevant professional activity):

It is recommended that our candidate (prior to tenure) serve at least two years on the College Senate and serve on at least one School-wide or campus-wide committee per year, excluding the first year and the College Senate service time. Listed below, in order of importance, are various service activities rated as highly valuable by the faculty of Geology/Physics Department

- Developing/Updating curricula
- Organizing/Participating in – New Student Orientation, College Open House
- Serving on School and College-wide committees
- Writing department documents (assessment, proposals, etc.)
- Pursuing external funding (grants, etc.)
- Serving on DPEC committees
- Serving as Chair of the Department
- Evaluating/Pursuing new textbooks in Department courses
- Faculty advisor to the pre-engineering program
- Faculty advisor to a student academic club
- Engaged in off-campus consulting
- Serving as an officer in a relevant professional organization
- Engagement in campus-wide projects and in the campus community
- Widely known among many groups on campus
- Maintaining information on opportunities for students off campus (jobs, internships, summer research)
- Supervising student help and laboratory technician
- Serving on search committees

Scholarship:

Scholarship in Physics can be considered displayed in several of the following activities which are listed in order of their importance as so considered by the faculty of the Geology/Physics Department

- Publishing a book or textbook
- Presenting at/Attending Conferences, especially including students
- Reviewing a book or journal articles
- Consulting with outside company or government agency
- Mentoring and Conducting Student Research
- Designing new courses
- Journal publications (both laboratory research and pedagogy)
- Designing new laboratory exercises and/or classroom demonstrations
- Presentations to peer groups
- Research projects in progress with documentation
- Collaborative teaching assignments