

**UAF REGULATIONS FOR THE APPOINTMENT AND EVALUATIONS OF
FACULTY
AND COMPUTER SCIENCE UNIT CRITERIA, STANDARDS, AND INDICES**

THE FOLLOWING IS AN ADAPTATION OF UAF AND BOARD OF REGENTS' CRITERIA FOR ANNUAL REVIEW, PRE-TENURE REVIEW, POST-TENURE REVIEW, PROMOTION, AND TENURE, SPECIFICALLY ADAPTED FOR USE IN EVALUATING THE FACULTY OF THE COMPUTER SCIENCE DEPARTMENT OF THE COLLEGE OF ENGINEERING AND MINES. ITEMS IN BOLDFACE ITALICS ARE THOSE SPECIFICALLY ADDED OR EMPHASIZED BECAUSE OF THEIR RELEVANCE TO THE DEPARTMENT'S FACULTY, AND BECAUSE THEY ARE ADDITIONS TO UAF REGULATIONS.

CHAPTER I

CHAPTER II

Initial Appointment of Faculty

A. Criteria for Initial Appointment

Minimum degree, experience and performance requirements are set forth in “UAF Faculty Appointment and Evaluation Policies,” Chapter IV. Exceptions to these requirements for initial placement in academic rank or special academic rank positions shall be submitted to the chancellor or chancellor’s designee for approval prior to a final selection decision.

B. Academic Titles

Academic titles must reflect the discipline in which the faculty are appointed.

C. Process for Appointment of Faculty with Academic Rank

Deans of schools and colleges, and directors when appropriate, in conjunction with the faculty in a unit, shall observe procedures for advertisement, review, and selection of candidates to fill any vacant faculty position. These procedures are set by UAF Human Resources and the Campus Diversity and Compliance (AA/EEO) office and shall provide for participation in hiring by faculty and administrators as a unit.

D. Process for Appointment of Faculty with Special Academic Rank

Deans and/or directors, in conjunction with the faculty in a unit, shall establish procedures for advertisement, review, and selection of candidates to fill any faculty positions as they become available. Such procedures shall be consistent with the university’s stated AA/EEO policies and shall provide for participation in hiring by faculty and administrators in the unit.

E. Following the Selection Process

The dean or director shall appoint the new faculty member and advise him/her of the conditions, benefits, and obligations of the position. If the appointment is to be at the professor level, the dean/director must first obtain the concurrence of the chancellor or chancellor’s designee.

F. Letter of Appointment

The initial letter of appointment shall specify the nature of the assignment, the percentage emphasis that is to be placed on each of the parts of the faculty responsibility, mandatory year of tenure review, and any special conditions relating to the appointment.

This letter of appointment establishes the nature of the position and, while the percentage of emphasis for each part may vary with each workload distribution as specified in the annual workload agreement document, the part(s) defining the position may not.

EFFECTIVE GUIDING AND MENTORING OF STUDENTS, AND EFFECTIVE CLASSROOM TEACHING PERFORMANCE. THERE MUST BE EVIDENCE OF SUCCESSFUL COMPLETION OF GRADUATE STUDENT RESEARCH (AS A MAJOR SUPERVISOR OR COSUPERVISOR).

III. PROFESSOR: SIGNIFICANT CONTRIBUTIONS TO THE INSTRUCTIONAL PROGRAM ARE EXPECTED. THESE MAY INCLUDE, BUT ARE NOT LIMITED TO, CONTRIBUTIONS TO MAJOR IMPROVEMENTS IN COURSE AND/OR CURRICULUM OFFERINGS, UPGRADING OF INSTRUCTIONAL FACILITIES, ABILITY TO MOTIVATE AND/OR INSPIRE STUDENTS, AND EXEMPLARY TRAINING OF GRADUATE STUDENTS. THERE SHOULD BE A RECORD OF CONTINUING SUCCESSFUL MENTORSHIP OF GRADUATE STUDENTS AS EXEMPLIFIED BY JOINT AUTHORSHIP OF PUBLICATIONS, INVOLVEMENT OF GRADUATE STUDENTS IN RESEARCH PROJECTS, AND COMPLETION OF GRADUATE DEGREES UNDER HIS/HER SUPERVISION SINCE THE PREVIOUS PROMOTION. IT IS EXPECTED THAT ASSESSMENT OF TEACHING BY STUDENTS AND FACULTY DEMONSTRATE CONSISTENTLY HIGH QUALITY PERFORMANCE.

2. Components of Evaluation

Effectiveness in teaching will be evaluated through information on formal and informal teaching, course and curriculum material, recruiting and advising, training/guiding graduate students, etc., provided by:

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1. Development of processes or instruments useful in solving problems, such as computer programs and systems for the processing of data, genetic plant and animal material, and where appropriate obtaining patents and/or copyrights for said development.

SPECIFIC CS CRITERIA FOR RESEARCH PERFORMANCE BEFORE PROMOTION/TENURE OR APPOINTMENT TO:

I. ASSISTANT PROFESSOR: EVIDENCE OF RESEARCH ABILITY AND A COMMITMENT TO ESTABLISH A VIABLE RESEARCH PROGRAM.

II. ASSOCIATE PROFESSOR: THE FACULTY MEMBER MUST HAVE ESTABLISHED AN APPROPRIATE RESEARCH PROGRAM THAT PRODUCES A SATISFACTORY NUMBER OF PEER-REVIEWED PUBLICATIONS AND PRESENTED RESEARCH RESULTS AT PROFESSIONAL MEETINGS. THE SUBMISSION OF RESEARCH PROPOSALS AND ACQUISITION OF EXTERNAL RESEARCH FUNDING, AND THE COMPLETION OF CONTRACT RESEARCH REPORTS CONSTITUTE SUPPLEMENTARY EVIDENCE THAT THE RESEARCH PROGRAM IS OF HIGH QUALITY. SUSTAINED PRODUCTIVITY MUST BE SHOWN WITH ADEQUATE EVIDENCE OF RESEARCH ACTIVITIES AND PUBLICATIONS SINCE INITIAL APPOINTMENT, WITH THE CANDIDATE TAKING A LEADING ROLE IN RESEARCH AND PUBLICATIONS. THE FACULTY MEMBER MUST ALSO SHOW INDEPENDENCE AND LEADERSHIP BY THE CREATION OF RESEARCH IDEAS RESULTING IN PUBLICATIONS THAT INVOLVE STUDENTS.

III. PROFESSOR: THE RESEARCH PROGRAM SHOULD HAVE PRODUCED A SUFFICIENT NUMBER OF PEER-REVIEWED PUBLICATIONS. TO INDICATE THE EXISTENCE OF AN ON-GOING, PROFESSIONAL, INDEPENDENT RESEARCH PROGRAM, THE PUBLICATIONS SHOULD BE OF SUFFICIENT QUANTITY AFTER THE PREVIOUS TENURE/PROMOTION/APPOINTMENT, WITH DOCUMENTED EVIDENCE OF HIGH QUALITY AND SHOULD DEMONSTRATE STUDENT INVOLVEMENT. A NATIONAL OR INTERNATIONAL REPUTATION OF THE CANDIDATE (E.G., AS DEMONSTRATED BY A HIGH NUMBER OF ARTICLE CITATIONS, PROFESSIONAL ACTIVITIES, PRESENTATIONS AT MEETINGS, AND DOCUMENTED OPINIONS OF OTHER ENGINEERS AND SCIENTISTS IN THE FIELD) IS EXPECTED.

THE DISCIPLINE OF COMPUTER SCIENCE DOES NOT PREFER JOURNAL OVER CONFERENCE PUBLICATION, AND A SELECTIVE CONFERENCE (E.G., SIGGRAPH) IS MORE PRESTIGIOUS THAN AN AVERAGE JOURNAL. THUS FACULTY EVALUATION

- a. Service on university, college, school, institute, or departmental committees or governing bodies.
- b. Consultative work in support of university functions, such as expert assistance for specific projects.
- c. Service as department chair or term-limited and part-time assignment as assistant/associate dean in a college/school.
- d. Participation in accreditation reviews.
- e. Service on collective bargaining unit committees or elected office.
- f. Service in support of student organizations and activities.
- g. Academic support services such as library and museum programs.
- h. Assisting other faculty or units with curriculum planning and delivery of instruction, such as serving as guest lecturer.
- i. Mentoring *OF FACULTY*.
- j. Prizes and awards for excellence in university service.
- k. *SERVICE AS OUTSIDE REVIEWER ON THESIS COMMITTEES.*
- l. *PREPARATION OF UNIVERSITY REPORTS AND ONLINE INFORMATION.*

3. Professional Service

- a. Editing or refereeing articles or proposals for professional journals or organizations.
- b. Active participation in professional organizations.
- c. Active participation in discipline-oriented service organizations.
- d. Committee chair or officer of professional organizations.

unit. Excellence in public and university service may be demonstrated through, e.g., appropriate letters of commendation, recommendation, and/or appreciation, certificates and awards and other public means of recognition for services rendered.

SPECIFIC CS CRITERIA FOR SERVICE PERFORMANCE BEFORE PROMOTION/TENURE OR APPOINTMENT TO:

I. ASSISTANT PROFESSOR: EVIDENCE OF A COMMITMENT TO CONTRIBUTE TO THE SERVICE MISSION OF THE COLLEGE.

II. ASSOCIATE PROFESSOR: POSITIVE CONTRIBUTIONS TO DEPARTMENTAL AND/OR UNIVERSITY MATTERS, EFFECTIVE PROFESSIONAL CONTRIBUTIONS TO THE PUBLIC, AND/OR EFFECTIVE SERVICES TO THE PROFESSION ARE EXPECTED.

III. PROFESSOR: EVIDENCE OF LEADERSHIP IN THE SERVICE AREA IS EXPECTED. SIGNIFICANT CONTRIBUTIONS TO THE DEVELOPMENT OF DEPARTMENTAL AND/OR UNIVERSITY PROGRAMS INCLUDING COMMITTEE LEADERSHIP OR UAF FACULTY SENATE SERVICE AND ASSOCIATED COMMITTEES ARE EXPECTED. EFFECTIVE APPLICATION OF SERVICE INCLUDES PROFESSIONAL EXPERTISE PROVIDED TO PROFESSIONAL OR PUBLIC ORGANIZATIONS SUCH AS ENGINEERING SOCIETY LEADERSHIP, REVIEWING PROPOSALS, REFEREEING MANUSCRIPTS, AND EDITING FOR PROFESSIONAL ORGANIZATIONS OR PUBLICATIONS.

EXAMPLES OF SERVICE ACTIVITIES APPROPRIATE FOR FACULTY INCLUDE (BUT ARE NOT LIMITED TO):

- a. K-12 AND/OR INFORMAL ENGINEERING EDUCATION;***
- b. PRESENTATION OF ENGINEERING TO THE PUBLIC.***

MEASURES OF EFFECTIVENESS OF PERFORMANCE INCLUDE (BUT ARE NOT LIMITED TO):

- a. ACCOMPLISHMENTS GAINED THROUGH SERVICE TO ORGANIZATIONS;***
- b. OPINIONS OF CLIENTS SERVED AND/OR COLLEAGUES INVOLVED IN DELIVERY OF SERVICE.***