The following was passed at the May 4, 2009 Faculty Senate Meeting #159:

MOTION:

The UAF Faculty Senate moves to moves to reaffirm the Unit Criteria for the Department of Mathematics and Statistics.

EFFECTIVE:

Fall 2009 and/or

Upon Chancellor's approval.

RATIONALE:

The committee assessed the unit criteria submitted for review by the Department of Mathematics and Statistics. Following some changes agreed to by the department representative, the

unit criteria were found to be consistent with UAF

guidelines.

Yna Archal Con mal 64-08

University of Alaska Fairbanks

Regulations for the Appointment And Evaluation Of Faculty

AND

DEPARTMENT OF MATHEMATICS AND STATISTICS UNIT CRITERIA STANDARDS AND INDICES

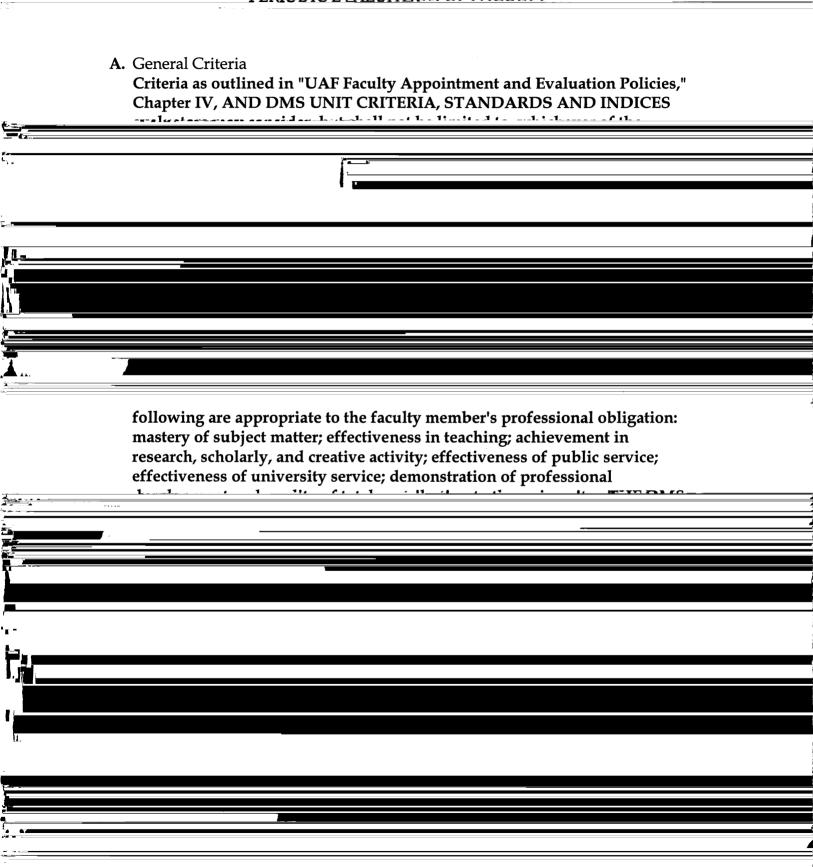
	THE FOLLOWING IS AN ADAPTATION OF UAF AND REGENTS'
	CRITERIA FOR PROMOTION AND TENURE, SPECIFICALLY DEVELOPED FOR USE IN EVALUATING DEPARTMENT OF MATHEMATICS AND STATISTICS (DMS) FACULTY IN THE COLLEGE OF NATURAL SCIENCES AND MATHEMATICS. ITEMS IN BOLDFACE ARE THOSE SPECIFICALLY
	ADDED OR EMPHASIZED BECAUSE OF THEIR ADDITIONS TO AND CLARIFICATION OF UAF REGULATIONS. IN ADDITION TO PROMOTION AND TENURE, THESE CRITERIA APPLY TO PRE-TENURE,
1.	

	These regulations shall apply to all of the units within the University of Alaska Fairbanks, except in so far as extant collective bargaining agreements apply otherwise.
	The mention of managible for coordination and implementation of matters
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	relating to procedures stated herein.
	CHAPTER II
	INITIAL APPOINTMENT OF FACULTY
	A. Criteria for Initial Appointment <u>Nipimum վագրթե արգադրության արգադրություն արգադրութ</u>
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	F. Letter of Appointment	
<u> </u>	The initial latter of annointment shall enesity the natural of the opening ment	
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	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.	
	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	
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CHAPTER III

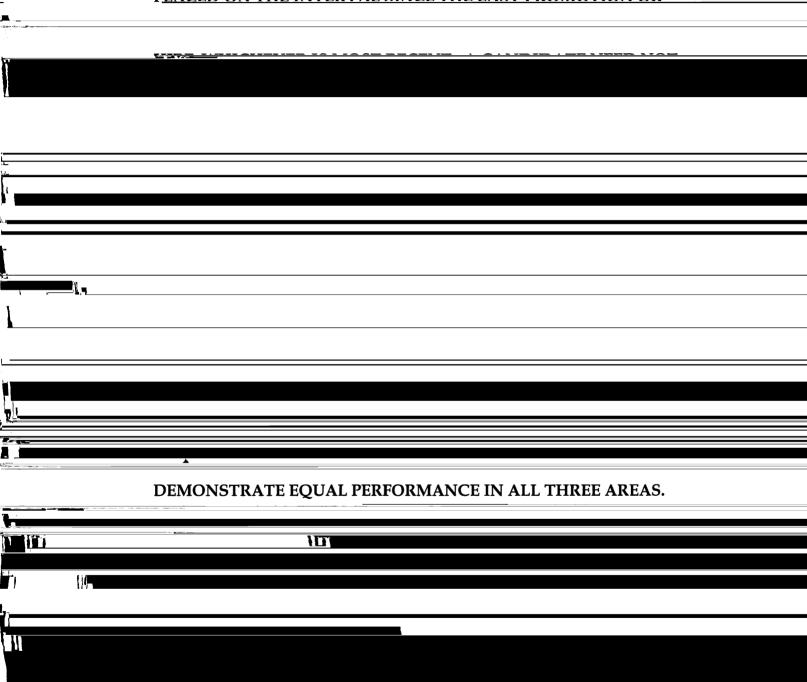
PERIODIC EVALUATION OF FACULTY



RECOGNIZES THE VALUE OF ACADEMIC AND SCHOLASTIC DIVERSITY. AS SUCH, THE UNIT DOES NOT REQUIRE EACH

teaching; 2) achievement in scholarly activity; and 3) effectiveness of service.

1. TENURE. A CANDIDATE FOR TENURE WILL BE JUDGED ON THE BASIS OF PERFORMANCE AND INDICATIONS OF POTENTIAL IN ALL APPLICABLE AREAS OF RESPONSIBILITY, WITH EMPHASIS PLACED ON THE INTERVAL SINCE THE LAST PROMOTION OR



THE MATHEMATICAL SCIENCES. THE HONOR IS RESERVED FOR THOSE WHO HAVE DEMONSTRATED OUTSTANDING PERFORMANCE IN THEIR FIELDS, WHICH IS SUSTAINED OVER A CLOWER AND THE WEAR AND ADDRESS OF THE CONTRACT OF THE CON

THE CANDIDATE APPLIES FOR PROMOTION TO PROFESSOR, A VOTE WILL BE TAKEN BY THE PRC. A SUCCESSFUL CANDIDATE MUST ATTAIN AN OVERALL AVERAGE RANKING OF SUPERIOR IN TEACHING. RESEARCH AND SERVICE WITH NO AREA

RESEARCH OR TEACHING IS RANKED SATISFACTORY, THE OTHER MUST BE OUTSTANDING.

Bipartite Faculty

Bipartite faculty are regular academic rank faculty who fill positions that are designated as performing two of the three parts of the university's tripartite responsibility.

GRADUATE RESEARCH. FURTHER, IT INCLUDES PRODUCTION OF TEXTBOOKS THAT ARE PRINCIPALLY INTENDED FOR CLASSROOM USE.

- 1. Effectiveness in Teaching Evidence of excellence in teaching may be demonstrated through, but not limited to, evidence of the various characteristics that define effective teachers. Effective teachers
 - a. are highly organized, plan carefully, use class time efficiently, have clear objectives, have high expectations for students;

	students, show interest/enthusiasm for the subject;
	c. emphasize and encourage student participation, ask questions,
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a. systematic student ratings, i.e. student opinion of instruction summary forms,

and at least two of the following:

- b. narrative self-evaluation,
- c. peer/department chair classroom observation(s). THIS IS REQUIRED FOR UNTENURED FACULTY. THEY WILL BE EVALUATED BY THE PRC (THAT INCLUDES THE DEPARTMENT USAD). THIS COMMUTTEE INTLUCENDED

REPRESENTATIVES TO EVALUATE CLASSROOM
PERFORMANCE AS WELL AS SYLLABI AND SAMPLES OF
GRADED MATERIAL. REPRESENTATIVES WILL WRITE A
REPORT THAT INCLUDES A NARRATIVE PORTION AS WELL

SCALE: OUTSTANDING, SUPERIOR, SATISFACTORY, NEEDS IMPROVEMENT AND UNACCEPTABLE. WHEN A FACULTY MEMBER STANDS FOR TENURE, REPORTS FROM AT LEAST.

TWO YEARS SHOULD BE INCLUDED IN THE FILE, PROVIDED THE FACULTY MEMBER HAS BEEN EMPLOYED AT LEAST THREE YEARS AT THE TIME OF APPLICATION FOR TENURE. IF THE CANDIDATE HAS BEEN EMPLOYED FOR AT LEAST ONE YEAR AT THE TIME OF APPLICATION FOR TENURE, THEN AT LEAST ONE REPORT FROM THE PRC SHOULD BE

PAPERS PUBLISHED IN REFEREED JOURNALS AND REFEREED

BE PRESENTED IN A PUBLIC FORUM WHERE ITS CONTRIBUTION CAN REPORTS, BOOKS, RESEARCH PROPOSALS, SOFTWARE DEVELOPED PRINCE THE WORK MUST PROPOSALS, BOOKS, RESEARCH PROPOSALS, SOFTWARE DEVELOPED PROPOSALS, BOOKS, RESEARCH PROPOSA

POUSIDERATION WILL BE GIVEN TO RESEARCH THAT APPEARS IN BE JUDGED BY PERSONAL TO UAF. AS SUCH, NO

PRIVATE CONTRACTING BE CONSIDERED IF IT APPEARS ONLY IN

RESEARCH DOCUMENTS.

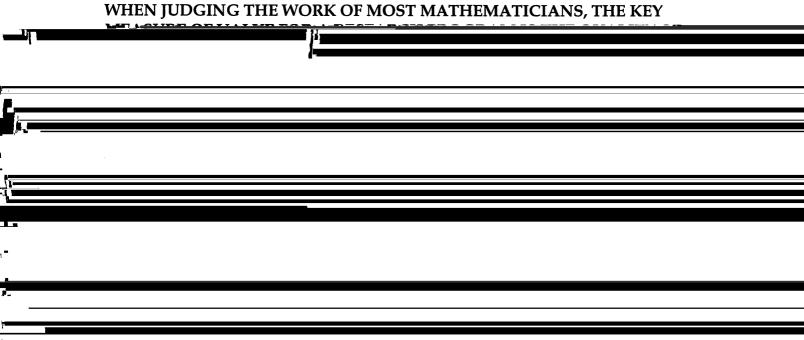
RESEARCH DOCUMENTS.

THE RESEARCH CONTRIBUTED TO BE EXPOSITORY AND NOT IDEAS. BOOKS THAT ONLY GATHER MATERIAL FOUND IN OTHER FOUND IN O

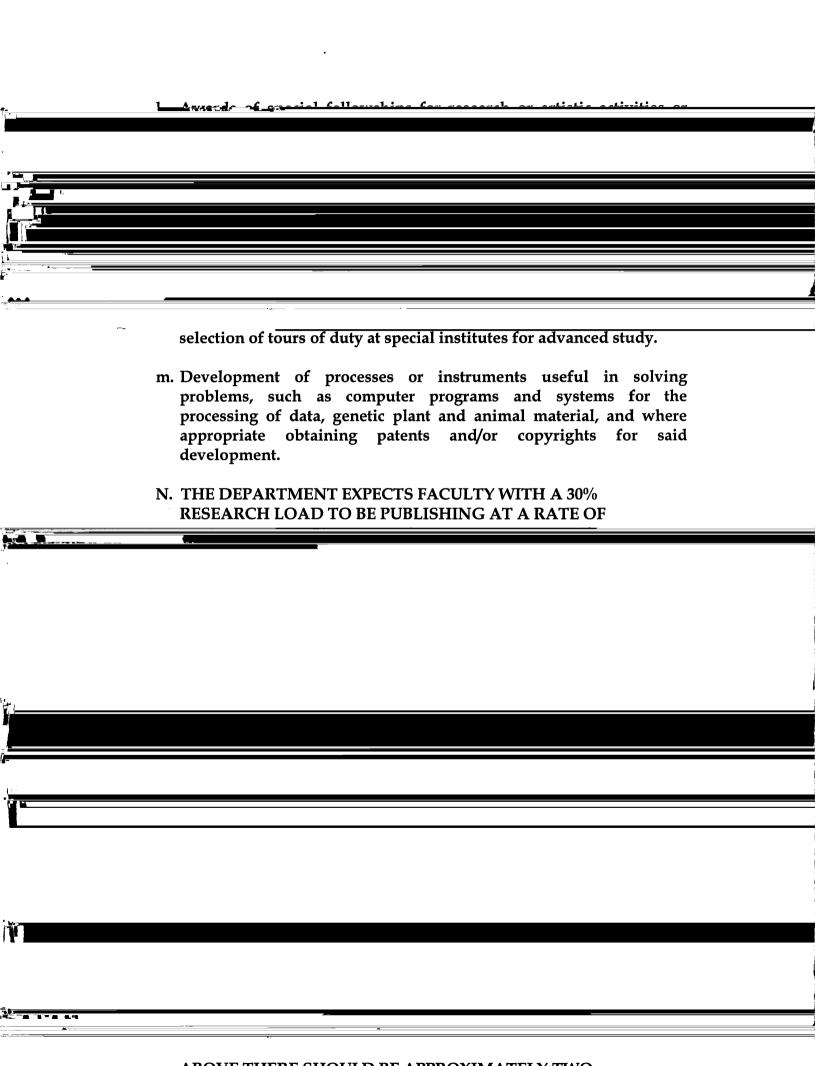
MATHEMATICIANS TEND TO PUBLISH AT RATES THAT ARE MODEST COMPARED TO SOME OTHER SCIENCES. THE MAJORITY OF MATHEMATICAL RESEARCH IS PUBLISHED IN REFEREED RESEARCH JOURNALS RATHER THAN CONFERENCE PROCEEDINGS OR BOOKS. THE MATHEMATICAL LITERATURE IS SPREAD AMONG A WIDER COLLECTION OF JOURNALS THAN IN MOST RELATED FIELDS. AND, SINCE AN ARTICLE TYPICALLY REPRESENTS A MATURE TREATISE ON A MATHEMATICAL QUESTION, AND SINCE MATHEMATICS RESEARCH IS NOT CONSIDERED TIME-SENSITIVE, DELAYS IN PUBLICATION ARE COMMON.

EVEN SOME OF THE BEST YOUNG MATHEMATICIANS PUBLISH RELATIVELY FEW PAPERS. A STUDY OF THE 40 MATHEMATICIANS WINNING SLOAN FELLOWSHIPS IN 2005-2006 SHOWS THAT 70% PUBLISH AN AVERAGE OF TWO OR FEWER ARTICLES PER YEAR IN THE FIVE YEARS PRECEDING THEIR AWARD. THESE TWO GROUPS REPRESENT AN EXCEPTIONAL GROUP OF HIGHLY PRODUCTIVE DIA A TOTTLA NATUTA NA

OF THE 274 PUBLICATIONS BY THESE GUGGENHEIM FELLOWS, 75% WERE IN REFEREED JOURNALS. ONLY THREE PUBLICATIONS WERE BOOKS. IN FACT, OF ALL ITEMS COVERED BY MATHEMATICAL REVIEWS IN THE YEARS 2001-2005, FULLY 80% WERE FROM REFEREED JOURNALS.



c. They must be evaluated by peers external to this institution so as to allow an objective judgment. 2. Components of Research, Scholarly and Creative Activity Fridance of weatheren in recessed achalanter and avective activities



Q. CERTAIN DISCIPLINES FOUND IN MATHEMATICAL SCIENCES HAVE LITTLE OPPORTUNITY IN THE WAY OF EXTERNAL FUNDING. ACCORDINGLY, THE ABILITY TO FIND FUNDING SPEAKS WELL FOR A CANDIDATE AT ANY LEVEL. HOWEVER, ABSENCE OF FUNDING MAY NOT NECESSARILY SPEAK AGAINST THE CANDIDATE. DMS DOES NOT CONSIDER THE FUNDING OF GRANT PROPOSALS TO BE THE GOAL OF ANY RESEARCH PROJECT. RATHER, WE FOCUS ON WHAT IS ACHIEVED WITH OR WITHOUT RESEARCH

	WHAT IS ACHIEVED WITH OR WITHOUT RESEARCH
	D. Criteria for Public and University Service
	Public service is intrinsic to the land grant/sea grant/space grant tradition,
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1. Public Service Public service is the application of teaching, research, and other scholarly and creative activity to constituencies outside the University of Alaska Fairbanks. It includes all activities which extend the faculty member's professional, academic, or leadership competence to these constituencies. It can be instructional, collaborative, or consultative in nature and is related to the faculty member's discipline or other publicly recognized expertise. Public service may be systematic activity

h. Leadership of or presentations at workshops, conferences, or public meetings. i. Training and facilitating. j. Radio and TV programs, newspaper articles and columns, teleconferences and other educational media. k. Judging and similar educational assistance at science fairs, state fairs, and sneech, drama, literary, and similar competitions.

University service includes those activities involving faculty members in the governance, administration, and other internal affairs of the university, its colleges, schools, and institutes. It includes noninstructional work with students and their organizations. Examples of such activity include, but are not limited to: committees or governing bodies.

2. University Service

	ns of	other public mean	and awards and d.	on, certificates ervices rendered	ıd/or appreciati <u>cognition fo</u> r se	and/o r <u>eco</u> e	
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