

JANUARY 1, 2001 through DECEMBER 31, 2001

FACULTY SERVICE TO HOPE COLLEGE

[PLEASE TYPEWRITE
OR USE COMPUTER]

NAME Herbert L. Dershem

A. TEACHING AND ADVISING:

1. Courses Taught and Enrollment

(Attach report from Registrar's Office)

2. Supplementary Notes

I organized and chaired a panel of outside industry experts in the design of the Applications Programming course. I also coordinated the implementation of the same course and served as on-campus liaison.

1. Scholarly Work and/or General Professional Development (including papers presented, publications, performances, recitals, exhibitions, and work in progress)

Reviewed 3 papers for NECC 2001, 1 paper for SIGCSE 2002 and 1 textbook manuscript.

Coordinator of Consulting for Math/CS Division of Council for Undergraduate Research.

Chair of Midwest Small College Computing Conference 2001, Speaker Chair 2002.

Revised 16 chapters for textbook manuscript, Programming Languages: Models and Structures, 3rd Edition.

External reviewer of tenure and promotion candidacy for Grinnell College

External Reviewer, Computer Science Department, Mary Washington College.

Panelist, NSF Research Experiences for Undergraduates panel, December, 2001.

Associate Faculty for three courses, United States Open University.

Member of Advisory Committee for Computing, United States Open University.

Member of Workshop Review Committee for the SIGCSE 2002 Conference.

2. Grant Proposals Submitted (if funded, specify amount and date/period of the grant)

REU: An Undergraduate Research Participation Program in Computer Science, \$143,213 funded by NSF-REU program.

Building Community through an Undergraduate Research Experience, co-PI, submitted to NSF-Program for Gender Equity in Science, Mathematics, Engineering and Technology-not funded.

C. INTERNAL SERVICE

1. Involvement with Students Outside the Classroom, e.g., Directing a Play, Recitals, Coaching, or Sponsoring a Club (List activity and number of students engaged with you in this activity)

Supervised five academic year undergraduate research projects

Director Summer Research Program.

2. Administrative Service, Board and Committee and/or Departmental Assignments (List)

*Chair, Computer Science Department
Department Assignments: Admissions liaison, newsletter editor.
Member, Alumni Board for Distinguished Alumni 2002.*

D. OTHER (e.g., public service, consulting, curricular/course development, lectures, seminars, and presentations to high school students or church groups)

Pastoral Care Elder, Christ Memorial Church

E. Which of your accomplishments or activities of the past year do you consider most noteworthy?

The success of the summer research project was the most noteworthy. One student who worked under my direction has already won a best paper presentation at a regional conference and had a paper that she co-wrote with me accepted for publication and presentation at a National Conference.

F. CHAIRPERSON'S SUMMARY EVALUATION

UNSATISFACTORY FAIR GOOD SUPERIOR OUTSTANDING

(On this continuum, the chairperson should place the letters **TA** for Teaching and Advising, **SP** for Scholarly and Professional Activity, and **SE** for Service, at whatever point she/he considers appropriate.)

Herbert L. Dershem

Self-Evaluation

2001

I. Teaching

The CSCI 250, Discrete Structures course was offered for the first time. It was a successful offering with a large enrollment. Several new approaches were used in that class and I plan to refine them in the Spring 2002 semester. Perhaps the most noteworthy of my teaching does not even appear on my load report. It was the CSCI 321/323 course on Applications Programming. I organized a course design team of four experts from local industry and met with them throughout the Spring semester. A course design and teaching strategy was the result. I then hired two of these experts to serve as the faculty of the course and I participated as a coordinator, attending every class session and handling student questions throughout the week.

		Preparation	Enthusiasm	Personal Interest	Overall	N
Spring 2001	CSCI 225	3.94	3.92	3.82	3.76	17
	CSCI 250	3.90	3.93	3.76	3.71	32
	CSCI 470	3.88	3.94	4.00	3.76	5
Fall 2001	CSCI 225	3.89	3.95	3.92	3.77	11
	CSCI 231	3.94	3.99	3.86	3.78	26
	CSCI 481	3.95	3.88	3.95	3.95	13
	Total	3.92	3.94	3.85	3.77	104

II. Scholarship

Scholarship in 2001 consisted of a very successful summer research program, revising 16 chapters for a new edition of a textbook, chairing a major conference planning committee, consulting with and teaching for the United States Open University, and serving on an NSF panel. This was a productive year as far as scholarship is concerned.

III. Service

My service was devoted to the duties of department chair. This included more than 20 sessions and activities that I hosted for prospective students. It also included major efforts at recruiting faculty during the entire year.

Review of Goals for 2001

1. Resubmit proposal to the NSF-CCLI program for further development and dissemination of my software visualization work.

I changed direction mid-course on this and decided to mentor Ryan McFall in the writing of his proposal rather than revising mine..

2. Successfully conduct summer research program and prepare results of work for dissemination.

This was a very successful program. We have already seen two students from the program win awards and three have had papers accepted for publication. More successes will surely follow in the coming months.

3. Complete the writing of the Third Edition of Programming Languages: Structures and Models.

Again, emphasis shifted from this project with Mike Jipping's emphasis on a new project.

4. Increase my knowledge and experience in distance education by taking on additional responsibilities with the United States Open University.

I have continued to gain experience in this area and, though offered new responsibilities this year, I turned them down to devote time to other projects.

Goals for 2002

1. Resubmit proposal to the NSF-PGE program to ^{to} find undergraduate research for women in computer science. This is a multi-institutional project.

2. Successfully conduct summer research program and prepare results of work for dissemination.

3. Work with mathematics and engineering to submit a proposal to NSF for scholarships for minority students.

4. Continue to increase my experience in distance learning through my involvement with the United States Open University.

February 1, 2002

Evaluation for Herb Dershem, Chair, Computer Science

Herb has had another successful year, both as a chairperson, teacher and scholar. At the national level Herb continues his activities as a consultant to both other institutions and federal agencies and he has been honored by being invited as a workshop leader, conference chair and general "guru" on numerous occasions over this past year. He has also been actively revising 16 chapters of a textbook for upcoming publication. Within the department Herb continues to provide strong leadership to a strong department and this leadership has extended in a myriad of ways into divisional and institutional leadership as well. Add to all of this that Herb is a superb teacher and it is a job very well done indeed!

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unsatisfactory fair good superior outstanding

