

M E M O R A N D U M

Date: February 12, 1986

To: Provost Nyenhuis and the Status Committee

From: Irwin J. Brink, Dean for the Natural Sciences *JAB*

Subject: 1985 Performance Evaluation for Professor Herb Dershem

Effectiveness as Teacher and Advisor. Herb continued as one of Hope's premier teachers in 1985. He taught a remarkable breadth of courses including specialty summer courses for high school teachers and students, an introductory course for non-majors and courses at all levels for computer science and mathematics majors. His student evaluations in all of his courses were excellent, giving tribute to his ability to effectively reach all levels of students who have as a group a broad range of interests and abilities. His student ratings are high on all aspects of his teaching. I have every reason to believe that he is equally effective as a student advisor. I rate his teaching and advising performance in 1985 as excellent plus.

Effectiveness as Scholar. Herb continued to work in his special area of professional interest by attending two workshops on artificial intelligence. He plans to continue to push forward to develop expertise in this area. Heavy involvement in creating, administering and teaching the new summer institute in computer science on top of his regular chairman's duties limited the time and energy that he could devote to scholarship. I rate his scholarship performance as fair.

Effectiveness in Service. Herb has a long history of service to Hope and to the community. He chairs the important computer service committee and has contributed his services to a number of campus and community activities. I rate his service as good plus.

Effectiveness as Department Chairperson. Herb is an outstanding leader in his capacity of chair of the computer science department. His faculty have high praise for his work as chair and I heartily concur. I value his good judgement in all decisions regarding the department that involve me. I rate his effectiveness as chair of the computer science department as excellent. Herb continues to be a tremendous asset to Hope College.

Summary Judgment. Administration (A) Teaching (T), Scholarly Work (W) Advising (D), Service (S).

	W	S	DA	T
Unsatisfactory	Fair	Good	Excellent	Exceptional

1985
Self-Evaluation
Herbert L. Dershem

Teaching: My teaching continued to be as effective as in the past. Student ratings in the Spring, 1985 semester were down from previous years due to the lack of preparation time caused by excess demands from faculty recruiting and other departmental duties. All three courses that I taught that semester were essentially new courses to me since it had been so long since I had taught any of them.

I have greatly modified three of the courses which I taught in 1985. CSCI 390, Database Management Systems, was greatly improved by increased emphasis on relational databases and the introduction of the INGRES software package. CSCI 383, Programming Languages was restructured to place emphasis on the programming language Ada as the primary learning vehicle. CSCI 220, Computer Science II was modified by the addition of a survey of computer science component.

Scholarship: I was again active in reviewing technical articles, books, and grant proposals. I also attended two workshops in the area of Artificial Intelligence. I completed a significant consulting project with Parke-Davis.

Service: My activity in presentation of talks to service organizations and school groups was somewhat less than in previous years. The artificial intelligence course which I am presenting to the Future Problem Solving class in the local junior high consists of seven one-hour lectures on the subject to prepare the students to deal with problems related to this research area. This course required a significant amount of planning.

Chairmanship: I have been effective as the chairman in this past year in the following areas: (1) Effectively leading the faculty in the design and implementation of professional development activities; (2) Counseling majors on their career and graduate school decisions; (3) Improvement of the curriculum through the remodeling of about half of the courses in the department; (4) Development and implementation of the Summer Institute in Computer Science; (5) Providing leadership in setting up a program for certified teachers to obtain a computer science endorsement; (6) Further equipment acquisition of microcomputers and upgrade to the Tower; (7) Efforts in the recruitment of faculty. This category continues to occupy most of my time.

Goals for 1986:

1. Lead in the establishment of continuing research programs in the department that will include outside funding and student research assistants.
2. Participate in the above program by continuing to develop research interests in artificial intelligence and operating systems.
3. Assist in the establishment of a campus-wide computing plan and in the acquisition of funding to implement that plan.

FACULTY SERVICE TO HOPE COLLEGE

[PLEASE TYPEWRITE]

Name Herbert L. Dershem

A. SCHEDULED TEACHING - Courses (see notes below)

	Dept. & No.	Credit Hours	Course Description	Formal Contact Hours Per Week	Other Contact	Enrollment
JANUARY-JUNE, 1985 SPRING SEMESTER	CSCI 110	3	✓Computer Info Systems	3		41
	CSCI 390	3	✓Database Management Systems	3		31
	Math 372	3	Numerical Analysis	3		34

MAY/JUNE TERMS						

JULY-DECEMBER, 1985 SUMMER SESSION	CSCI 284	3	Advanced Programming	3		8
	CSCI 380	3	Data Structures	3		6
	CSCI 700	3	Computers in Education	3		5

FALL SEMESTER	CSCI 220	3	Computer Science II	3		16
	CSCI 383	3	Programming Languages	3		14
	CSCI 495	3	Algorithms	3		22

- Notes:
1. For team-taught courses, please place an asterisk (*) before the course description and list other members of the team immediately under the course description.
 2. If this is the first time you have taught a listed course, please place a check (✓) before the course description.
 3. Clearly designate separate sections of the same course.

B. ACADEMIC ADVISING

Total number of advisees 27
 Majors 25
 Fresh./Soph. 2

C. SCHOLARLY ACTIVITY (List)

1. Scholarly Work Supported by Outside Funding (list both project description and source of funding)

2. Other Scholarly Work and/or General Professional Development

Reviewed article for the College Mathematics Journal
 Attended teaching in our New Computer Age Seminar at Central Michigan University
 Attended Artificial Intelligence Overview Seminar at Wang Institute
 Reviewed 6 papers for National Education Computer Conference
 Artificial Intelligence Workshop, DePaul University

INTERNAL SERVICE

	Check (✓) Activity	Total Number of Students	Number of Students Enrolled For Credit
1. <u>Student Oriented</u>			
Supervision of independent study or research	✓	8	8
Directing a play	_____	_____	_____
Recitals	_____	_____	_____
Coaching	_____	_____	_____
Other (describe)	_____	_____	_____

2. Administrative (List)

Oak Ridge Science Semester Campus Representative
Chairperson, Computer Science Department

3. Board and Committee Assignments (List)

Chairperson, Computer Services Committee

4. Departmental Assignments (List)

Director, Summer Institute

E. PUBLIC SERVICE/CONSULTING (List)

Consultant to Parke-Davis

F. OTHER (course and curricular development, lectureships, seminars, presentations, to high school students, etc.)

Career Day Speaker, Covenant Christian High School
Hope College Science Day speaker
Faculty seminar on INGRES
Boy Scout Earn & Learn Day Counselor
Computer Career Opportunities for Women, talk at Summer Girl Scout group
Artificial Intelligence course for Jr. High Future Problem Solving Class

Signature: <u>Herbert F. Parker</u>
Date: <u>1-31-86</u>
[Please, black ink only]