

January 1, 1988 thru December 31, 1988

Faculty Service to Hope College

Name Herbert L. Dershem

A. Scheduled Teaching - Courses

	Dept. & No.	Credit Hours	Course Description	Contact Hours	Other Contact	Enroll.
Spring			on sabbatical			
Fall	CSCI 220	3	Computer Science II	3	0	12
	CSCI 283	3	Intro to Computer Systems	3	0	13
	✓ CSCI 480	3	Senior Project Seminar	3	0	6

B. Academic Advising

Total number of advisees 35
Majors 9
Fresh./Soph. 23

C. Scholarly Activity

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

Review panelist for NSF Instrumentation and Laboratory Improvement Program
Book reviewer for West Publishing Company

2. *Other Scholarly Work and/or General Professional Development*

Completed 80% of textbook, *Programming Languages: Structures and Models*
Served as Program Chair of the Nineteenth SIGCSE Technical Symposium on Computer Science Education in Atlanta, Georgia
Editor of the Proceedings of the SIGCSE Technical Symposium
Served as Program Chair for GLCA Conference for Computer Science educators and Computer Services personnel at Denison University
Reviewer of papers for National Educational Computing Conference and SIGCSE Technical Symposium

E. Internal Service

1. <i>Student Oriented</i>	Check (✓) Activity	Total # of Students	# of Students Enrolled for Credit
Supervision of Independent study or research	✓	3	3
Directing a Play			
Recitals			
Coaching			
Other (describe)			
2. <i>Administrative (List)</i>			
Coordinator of Woodrow Wilson Visiting Fellow Program			
3. <i>Board and Committee Assignments (List)</i>			
Chair of Professional Interest Committee			
4. <i>Departmental Assignments (List)</i>			
Department Chair			
Coordinate building renovation plans for department			
Student recruiting			
Faculty recruiting			

E. Public Service/Consulting

Taught graduate level course on Computers in Education for Western Michigan University
Served as consultant to Valparaiso University in the evaluation of their Mathematics and Computer Science Department

F. Other

Science Day Presentation
Presenter at High Achievers Day sponsored by Admissions Office

Signature: _____
Date: January 25, 1989

1988
Self-Evaluation
Herbert L. Dershem

Teaching

Since I was on sabbatical in the Spring semester, I only taught three Hope College courses. During the Spring I taught a Computers in Education course for Western Michigan University in the program offered for teachers in cooperation with Hope College. My teaching in all courses was quite successful. This is best displayed by the summary of the student evaluations for the three Fall Semester courses as given below:

Summary of Fall 1988 Evaluations

	A	A-	B+	GPA
Preparation	23	4	2	3.91
Instruction	21	5	3	3.88
Stimulation of Interest	20	6	3	3.87
Concern for Students	28	1	0	3.99
Overall Evaluation	28	1	0	3.99

The only new course among those that I taught was the Senior Project Seminar. Although we taught this course once before, the version that I taught contained some major revisions including a module devoted to computer ethics.

Scholarship

In this area my major work this year was in the writing of the textbook *Programming Languages: Structures and Models*. I have now completed 80% of this textbook and will have the final draft complete by March 1, 1989.

I also was active in regional and national conferences and proceedings. I served as Program Chair and Proceedings Editor for the SIGCSE Technical Symposium held in Atlanta, Georgia, February 23-26. This Symposium was attended by more than 1,000 Computer Science Educators from throughout the world. My work involved the solicitation of papers, the assignment of referees to the papers, making the decision on acceptance or rejection of papers, coordinating and scheduling paper presentations, panels, and tutorials, editing the Proceedings of the Symposium, and recruiting and supervising the session chairs. In total I received 171 papers which I sent to 223 reviewers. Of these, 63 were accepted for inclusion in the Proceedings and presentation at the Conference. The Proceedings were 316 pages in length. There were 21 papers presentation sessions at the Conference in addition to 15 panels, two tutorials, and 10 birds-of-a-feather sessions. This Symposium was evaluated by many in attendance to be the most successful ever.

I also served as the organizer and program chair for a GLCA Computer Scientists Meeting held at Denison University on March 25-26. This meeting was attended by 50 people and my duties were organizing the program, obtaining an outside speaker, soliciting presentations by GLCA members (there were 13) and coordinating facilities and scheduling

with the Denison people.

One additional activity related to scholarship was a consulting visit to Valparaiso University in the fall to evaluate their Mathematics and Computer Science program and make recommendations for improvements.

Service

I served on two committees on campus this past year, both in leadership roles. I was elected chair of the Professional Interests Committee and appointed to be coordinator of the Woodrow Wilson Visiting Fellow Program.

In addition, I presented a talk at the induction ceremony of the Holland High School National Honor Society.

Advising

My advising load was fairly heavy this year. For the second year in a row I took Freshman advisees. The evaluation of my advising was quite favorable. On the evaluation form for advisors, I received twelve A's and four B's as an overall rating. I also received many favorable comments from parents of Freshman advisees.

Chairmanship

My most important accomplishment as chair this year was the design of a model for the discipline of Computer Science which will serve as a basis for our curriculum development. I plan to submit this model for publication in the next year.

Although it is also listed under *Teaching*, my work in the Senior Project Seminar also deserves mention here. This year we strengthened the research component of this seminar greatly with the result that four students completed extensive research projects.

Other emphases in my role as chair has been in recruiting, both of students and faculty. I have continued development of my system of mailings and phone calls to recruit outstanding Computer Science students to Hope. I also prepared the position justification for our replacement faculty position and have been active in recruiting for this position.

Review of Goals for 1988

1. *Complete the Programming Languages textbook:* This work is 80% completed and the first draft will be done by March 1, 1989.
2. *Provide leadership for the continued strengthening of the department's research program:* This has happened mainly through increased emphasis on research in the Senior Project Seminar and through the submission of to ILI proposals.
3. *Be active in national and regional professional organizations:* This was accomplished through my service as the program chair for the SIGCSE Technical Symposium and the GLCA Conference for Computer Scientists.

Goals for 1989

1. Complete Programming Languages textbook.
2. Continue strengthening the research program of the department through the acquisition of funding and the greater involvement of students.
3. Work on research topics in programming languages, computational geometry, and computer science education.
4. Successfully recruit and assimilate a new faculty member into the department.

DATE: June 25, 1988
TO: Academic Advisors
FROM: Maura Reynolds, Director of Academic Advising

During registration in April students were asked to evaluate their advisors. Attached is a summary of responses from your advisees. Students have rated four characteristics of their advisor: availability; knowledge of the College and its curriculum; ability to refer; ability to relate to the needs of advisees. They have also given their advisor an overall rating. Copies of individual student responses are kept in my office; you are most welcome to review these.

I welcome your comments and suggestions.

STUDENT'S PERCEPTION AND EVALUATION OF ADVISOR
HOPE COLLEGE

In order to help your advisor better help you and to help Hope College keep the best faculty and staff serving as academic advisors we are asking for your cooperation in completing this survey. It will take only 3 or 4 minutes. We are interested in your own impressions based on your personal experiences. The form is anonymous. One copy goes directly to your advisor and the second copy goes to the Registrar's Office so that an overall evaluation of the advising program on campus can be made.

For each statement you are to indicate your opinion by checking the appropriate blank. The response categories are: Strongly Agree (SA); Agree (A); Disagree (D); Strongly Disagree (SD); and Not Applicable (NA).

	SA	A	D	SD	NA
1. My advisor has been readily available for consultation.	6	9	1	—	—
2. My advisor is genuinely concerned with my welfare.	7	9	—	—	—
3. My advisor has helped me with my personal problems.	3	4	—	—	9
4. My advisor's interest in me extends beyond the times of our meeting.	5	7	1	—	3
5. I believe that my advisor has helped me to make the transition from high school to College more easily.	4	8	—	—	4
6. My advisor has given me good advice about academic matters.	8	7	1	—	—
7. My advisor has given me good advice about practical matters such as career opinions, etc.	8	6	—	—	2
8. I willingly share my concerns with my advisor.	5	7	2	—	2
9. My advisor serves as a general resource person for me.	5	7	2	—	2
10. My advisor has introduced me to various other resources and services on campus.	4	8	1	—	3
11. My advisor has allowed me to become independent.	6	9	—	—	1

We would now like you to make an overall evaluation of your advisor. You are to make this rating on a non-inflated grading scale (A, B, C, D, or F). In deciding upon your final evaluation you should look over your responses to the previous statements, but you should also take into consideration how knowledgeable your advisor is concerning such matters as campus policies, registration procedures, and course requirements and prerequisites. Just as in assigning a final grade, you are to try to judge the effectiveness of the service which your advisor has provided for you, and not just the effort which your advisor has expended in trying to provide that service.

Overall, I would assign my advisor a rating of: ¹² (A) ⁴ (B) C D F
(circle one)

Advisor's Name Herbert Darshem

Your year in school: 8 FR 4 SO 1 JR 3 SR

EVALUATION

31 January 1989

Dr. Herb Dershem, Chairman
Computer Science Department

Teaching.

Herb does an exceptional job as a teacher. He had a remarkably successful re-entry into teaching following his sabbatical as evidenced by a 3.99 (out of 4.0) overall average on the Math Form from three courses. Written comments provided by his students indicated a near unanimous endorsement of his efforts. He has a unique ability to make difficult material understandable and enjoyable for his students.

Advising.

A total of 35 students are advised by Herb. While I have no quantitative measurement to assess his performance in this role, it is my impression that he shows great concern for his students and that he does an excellent job as an advisor. Additionally, it must be noted that this is a heavy advising load, particularly for an individual who must also assume responsibilities as a departmental chairperson.

Scholarship.

Herb's main scholarly activities have focused upon the writing of a textbook. His book is now approximately 80% completed and he should finish the effort this coming year. Herb is beginning to ask questions of himself as to where his scholarship interests will take him once his book writing effort is completed. I believe that Herb could benefit to a great extent if he were to obtain a smaller level of support to assist him in his transition stage of professional growth. One source of funds that would be most appropriate are the faculty development funds available through the Mid-States Consortium FEW Grant. Lastly, Herb's scholarship is recognized by individuals off campus in many ways. He successfully served as Program Chair and Proceedings Editor for a technical symposium held in February and he has been active as a leader for GLCA Computer Scientists.

Service.

Herb has major responsibilities on the Hope campus. In addition to his service as chairperson of his department he has been active in the renovation program for VanderWerf Hall and he is active in the recruitment of students into Hope College. He is now serving as the Chairman of the PIC and he is the Coordinator of the Woodrow Wilson Visiting Fellow Program. Lastly, he has given presentations for science day and other high school programs offered by Hope, and he has served as a teacher and consultant to Western Michigan University and Valparaiso University.

Administrative.

Herb is an excellent chairman. He pays strict attention to detail, and I can always depend upon him to pull more than his weight in all divisional affairs. He shows great concern for his faculty, and he has their strong support as evidenced by their letters on his behalf.

Summary Performance.

My summarized impressions of Herb's 1988 performance are outlined below (T=teaching; A=advising; Sc=scholarship; Se=service; Ad=administrative).

			Sc	A	Se, Ad		T
unsatisfactory	fair	good			excellent		exceptional

James M. Gentile
Dean for the Natural Sciences