

HOPE COLLEGE

HOLLAND, MICHIGAN 49423



December 26, 1973

FACULTY EVALUATION

Evaluator Elliot A. Tanis
Elliot A. Tanis

Individual rated: Herbert Dershem

Herbert Dershem ranks at the top in being successful both in teaching and research. I believe he is also underrated campus wide since he doesn't go around selling himself and doesn't speak up in groups unless he has something worthwhile to say.

Herb is the man responsible for developing our new major, Mathematics with Computing Emphasis. During the past summer Herb and John Whittle wrote complete course outlines for all of the computer science courses so that they would all fit together with minimal overlap. The success of our new major is evident from the high enrollments in the computer science courses.

Herb is doing the most in our department to promote undergraduate research. The projects he directs cover not only computer language projects but also projects like weather forecasting using the computer.

In August, 1973, a 27 month project funded by NSF was completed. Under this project Herb developed the course Math 215,216: Applied Statistics and Computer Programming. He has sent a proposal to Project COMPUTE at Dartmouth College for the purpose of modifying his materials for the time-sharing mode and then publishing them.

I would like to give three examples as evidence of the fact that Herb is active mathematically. During the first semester Herb met weekly with three other staff members to study Graph Theory. He then helped a fellow staff member use the computer to solve a problem from Graph Theory. The second example is the fact that during 1971-73 Herb reviewed 13 articles and 3 books for Computing Reviews. Finally Herb often points out articles to me that he reads in computer science journals that are pertinent to statistics or our mathematics offerings.

Not only has Herb developed upper level courses, but he has also developed a Computer Appreciation course for non-science majors. This course met with favorable response during the first semester and will be taught again during the May Term and next year.

Page 2 - Herbert Dershem

Herb is the faculty advisor to Pi Mu Epsilon, an honorary mathematics fraternity. He devoted long hours to the Computer Committee which led to the purchase of the Xerox Sigma 6 computer. He has served on the Academic Affairs Board since 1972.

Dr. Dershem was named in Outstanding Educators of America in 1973.

The Dershems are active members of Zion Lutheran Church where Herb has served as church treasurer, a member of the church council, and a Sunday School teacher.

It would be extremely difficult to replace Herb with a person of equal caliber.

To the Professor or Employer:

This recommendation will be photographed by a reproducing machine and a copy included as a part of the applicant's record that is given to prospective employers for an evaluation of his potential as a teacher or administrator.

Send To:

PURDUE UNIVERSITY
EDUCATIONAL PLACEMENT OFFICE
South Campus Courts, Building E, Room 10
Lafayette, Indiana 47907
Phone: 749-2205 or 749-2206

PLEASE TYPE OR PRINT

Date December 31, 1973Concerning Herbert L. DershemOverall estimate of ability (underline one): excellent; very good; good; fair; poor

Remarks relating to ability, initiative, work habits, personality, ability to get along with others, and the type of employment for which you think the applicant is best suited will be helpful. Please feel free to include other qualities you feel are worthy of note.

Dr. Dershem ranks at the top in being successful both in teaching and in research. He always receives high ratings by students on evaluation forms.

Herb is now in his fifth year at Hope College. During his first summer he received financial support for research from a Departmental grant from the Research Corporation. During that summer he conducted research in areas connected with his Ph.D. dissertation and also supervised an undergraduate research project. In addition a proposal was written by Dr. Dershem and myself to the Office of Computing Activities of the National Science Foundation. The result was a \$46,000 grant for a project "The Use of the Computer in the Statistics Curriculum." This project was successfully completed in August of this year.

Dr. Dershem has been developing our computer science courses and the resulting major, Mathematics with Computing Emphasis. This new program has been well received and given favorable comments by Computer Scientists at large universities.

In our undergraduate research program, Herb has directed several projects on a variety of topics. He not only reads the literature faithfully but he has also written several reviews of articles and books for Computing Reviews.

Herb is an outstanding young man who has great drive and initiative. He has a pleasing personality, gets along well with others, and has been extremely helpful in aiding other staff members who want to use the computer.

It would be very difficult for us to replace Herb with a person of equal caliber and I hope that he remains at Hope College for many years.

IT IS MY POLICY (TO SHOW) (NOT TO SHOW) THESE REMARKS TO THE CANDIDATE ABOUT WHOM I AM WRITING.
(underline one)

EMPLOYER

Signature: _____

Name (print): _____

Title: _____

Organization: _____

Address: _____

City: _____

FACULTY

Signature: Elliot A. TanisName (print): Elliot A. TanisTitle: Chairman and ProfessorDepartment: MathematicsCollege or University: Hope CollegeCity: Holland, Michigan 49423

HOPE COLLEGE

HOLLAND, MICHIGAN 49423



March 19, 1973

Dr. Elliot Tanis
Mathematics Department

Dear Elliot:

I am pleased to inform you that your recommendation that Herbert Dershem be promoted from Assistant Professor to Associate Professor with the contract for the academic year 1973-1974 has been approved by the Status Committee and the administration. I suggest that you might like to inform him personally of this action prior to the issuance of contracts.

Sincerely,

Morrette Rider
Dean for Academic Affairs

MR:mo

cc: President Van Wylen

	Math 180	Math 180	CS 381	Nat Ave	Standard Deviation
Planning Course Objectives and Goals					
1. Objectives made clear	3.87	3.63	3.40	3.36	0.35
2. Agreement between announced objectives and what was taught					
2. Agreement between announced objectives and what was taught	3.67	3.58	3.30	3.29	0.35
16. Scope too limited	1.38	1.83	1.79	1.80	0.38
20. Objectives accomplished	3.88	3.42	3.50	3.34	0.38