



1983

College of Engineering Departmental Reports and Issues

Commission for Blacks

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THE UNIVERSITY OF TENNESSEE
KNOXVILLE 37916
THE DEAN OF ENGINEERING
(615) 974-5321

March 26, 1984

Mr. Marvin E. Peek
Chairman, Commission for Blacks
The University of Tennessee
416 Alumni Hall

Dear Mr. Peek:

In response to your request of March 16, 1984, I am enclosing a copy of the Annual Report of the Minority Engineering Scholarship Program in the College of Engineering. I am sure you are familiar with this very successful program, and I am sorry that you weren't on our distribution list. I am asking Dean A. W. Spickard to place your name on the distribution list for future reports.

Concerning the statistical data you requested, I can offer the following current data:

Black faculty members:

Dr. W. Eugene Scott
Associate Professor of Engineering Science

Women faculty members:

Dr. Marcia Katz
Associate Professor of Nuclear Engineering

I don't know whether you are requesting data on affirmative action results from faculty searches or not. I don't maintain a statistical file on faculty searches since this is done centrally by Ms. Denise Harvey, Director of Affirmative Action. You might request the data from her since she has to maintain such data on a continuing basis.

I am also enclosing undergraduate enrollment data for Fall 1983 showing the numbers and percentages of women and black undergraduate engineering students.

If I can be of further assistance, please let me know.

Sincerely,



W. T. Snyder
Dean of Engineering

Enclosures

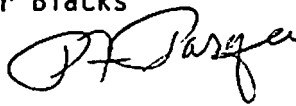
cc: Mr. A. W. Spickard

THE UNIVERSITY OF TENNESSEE
KNOXVILLE, TENNESSEE 37916

December 8, 1983

DEPARTMENT OF NUCLEAR ENGINEERING
NUCLEAR ENGINEERING BUILDING
TELEPHONE (615) 974-2525

TO: Ed Smith, Staff Assistant
Commissioner for Blacks

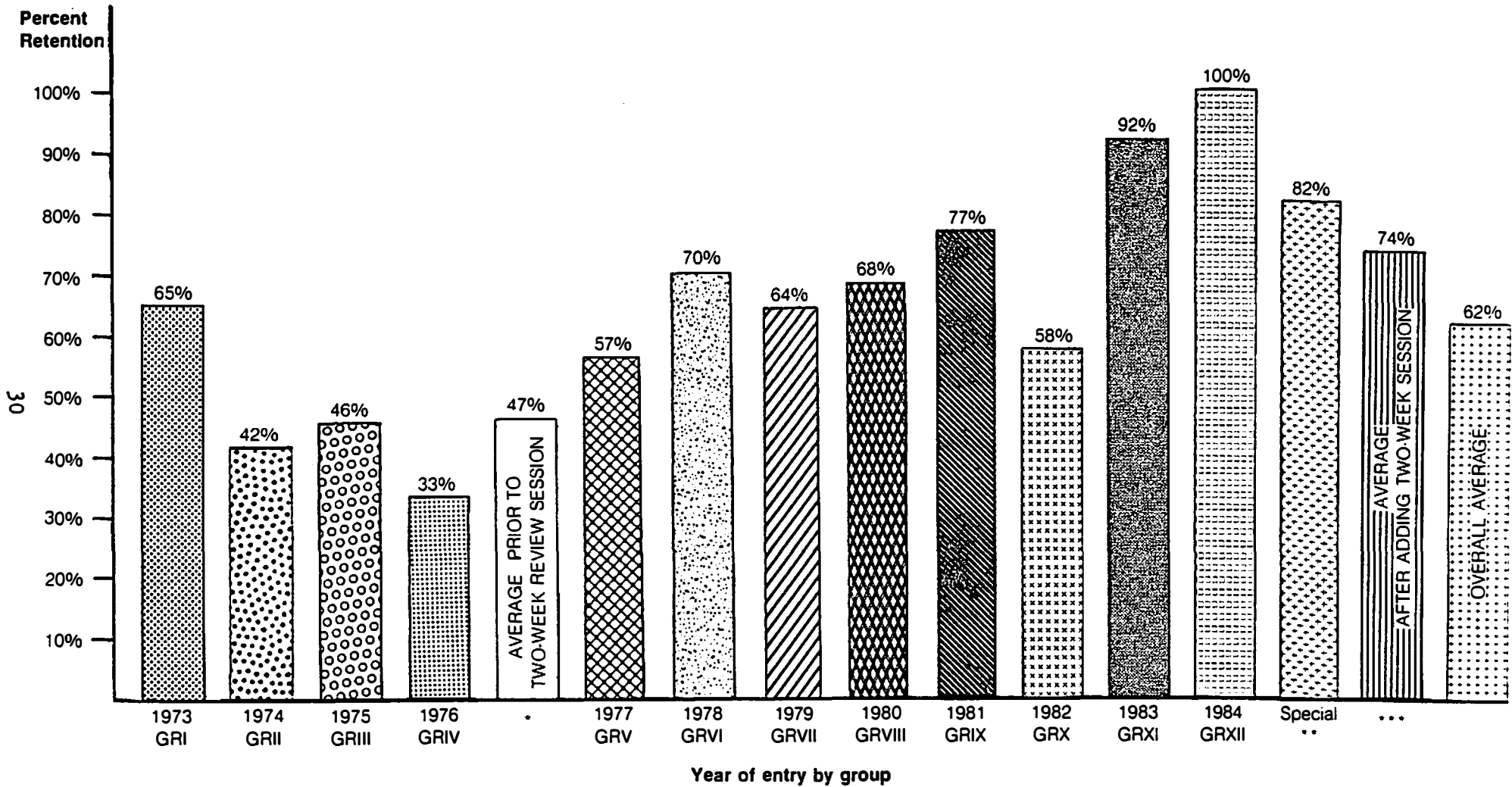
FROM: P. F. Pasqua 

RE: Commission Study on Blacks at UTK

Your request for information concerning Black participation in the Nuclear Engineering program will be difficult to satisfy since we keep no records with respect to race, etc., and therefore must rely on memory. To the best of my memory the following information applies to the Nuclear Engineering Department.

- a. For each of the past five years the undergraduate enrollment was 100 and graduate enrollment has been 40. In this period we have had one Black undergraduate and no Black graduate students. However, we did graduate the first Black Ph.D. from the College of Engineering but he did not finish within the past five years.
- b. Secretarial staff: Approximately 8 over the past five years with one Black. She stayed with us for one week and then went to TVA.
- c. Faculty: Fourteen faculty over the past five years with no Black candidates.
- d. Graduate Teaching Assistants: Over the past five years we have had approximately 20 GTAs. No Blacks.
- e. Other staff: Approximately four other staff with no Blacks.
- f. We have no special departmental scholarships for Blacks other than those interested in Nuclear Engineering through the College of Engineering Minorities Program.
- g. We have not used any special recruiting efforts to attract Blacks to Nuclear Engineering.
- h. We participate with the College of Engineering Minorities Program.
- i. We have not had Black speakers in the past five years.

APPENDIX E
 THE UNIVERSITY OF TENNESSEE—KNOXVILLE
 MINORITY ENGINEERING PROGRAM
 STUDENT RETENTION
 OCTOBER 1, 1984



* Average retention (Group I-IV) prior to adding Two-Week Academic Review Session to program in 1977.

** Reflects students accepted in the program based on college academics who were not originally recruited as entering freshmen.

*** Reflects average retention after adding Two-Week Academic Review Session (Groups V-XII).

APPENDIX D

MINORITY ENGINEERING PROGRAM
JUNE 30, 1984

GROUP ENTERED SEPTEMBER OF	I 1973	II 1974	III 1975	IV 1976	V 1977	VI 1978	VII 1979	VIII 1980	IX 1981	X 1982	XI 1983	XII 1984	*SPEC	TOTAL
Enrolled at 6-30-83	-	-	1	1	1	6	21	44	26	24	26	-	5	155
Withdrew in '83-'84	-	-	1	-	-	-	4	19	11	12	3	-	-	49
Graduated '83-'84	-	-	-	1	1	4	3	-	-	-	-	-	2	11
Enrolled at 6-30-84	-	-	-	-	-	2	14	25	15	12	23	24	3	118
Original Number - A	17	53	39	42	63	23	56	57	31	31	26	24	11	473
Enrolled or Grad - B	8	15	15	11	19	14	17	25	15	12	23	24	7	205
No Longer in MESP:														
-UTK in Engr. or Graduated - C	3	7	3	3	17	2	19	14	9	6	1	-	2	86
-At UTK - Other	-	5	4	6	2	1	2	3	1	4	-	-	-	28
-Left UTK	6	26	17	22	25	6	18	15	6	9	2	-	2	154
RETENTION $\frac{B+C}{A} = \%$	65%	42%	46%	33%	**57%	70%	64%	68%	77%	58%	92%	100%	82%	62%
Degrees Granted in Prior Years	11	22	18	12	28	8	-	-	-	-	-	-	3	102
Degrees Granted in '83 - '84	-	-	-	1	3	5	7	-	-	-	-	-	2	18
Degrees Expected in '84 - '85	-	-	-	1	-	1	22	32	-	-	-	-	1	57
DISCIPLINES:														
Chemical	1	4	2	4	8	6	2	-	-	-	-	-	2	29
Civil	2	-	1	1	3	-	-	-	-	-	-	-	-	7
Electrical	2	11	9	4	7	2	1	-	-	-	-	-	-	36
Engr. Sci. & Mech.	1	1	-	-	-	-	-	-	-	-	-	-	-	2
Industrial	4	3	2	2	6	4	1	-	-	-	-	-	1	23
Nuclear	-	1	-	-	1	-	-	-	-	-	-	-	-	2
Mechanical	-	2	4	2	5	-	3	-	-	-	-	-	2	18
Metallurgical	1	-	-	-	1	1	-	-	-	-	-	-	-	3

*SPECIAL - Those students who were accepted as program participants based on their college academic standing and who did not participate in orientation as part of a respective group.

**Two-Week Academic Review added to program for entering students prior to start of Fall classes.

COLLEGE OF ENGINEERING

RECOMMENDATION:

1. The Commission for Blacks urges the College of Engineering to hire more blacks, as there is only one black in the College Dr. W. Eugene Scott.
2. The Commission recommends an additional hiring of women, there is only one woman in the College Dr. Marcia Katz.
3. The Commission recommends a special departmental Scholarships for blacks, other than the Minority Engineering program.
4. The Commission recommends to the College to recruit more blacks in the areas of Metallurgical, and Nuclear Engineering respectively.

COMMENDATIONS;

1.

1. The Commission Commends the Successful outcome of the Minority Engineering Program, the retention rate indeed reflects the success.

2. The Commission extols the College of Engineering for increasing the enrollment of black students into their program.

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REPORT OF SUB-COMMITTEE FOR
COLLEGE OF ENGINEERING

I Department or project: College of Engineering

II Director of project/Department Head:
W. T. Snyder

III Information Requested of
Department of project:

(a) annual summary reports
on Minority Engineering
program from 1978 to 1984

(b) Black faculty members

(c) Women faculty members

IV Compilation of Data Received:
Response to item #a
See the Annual Report 1982-85
Engineering Scholarship
Program for Minority Students.

Reponse to item # b
One black ~~facu~~ male faculty
member.

Reponse to item # c
One white female faculty
member.