

1991 CATALOG OF RESOURCE MATERIALS FOR WOMEN IN ENGINEERING PROGRAMS

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INTRODUCTION

The **CATALOG OF RESOURCE MATERIALS FOR WOMEN IN ENGINEERING PROGRAMS, 1991**, is one of the major accomplishments of the Women in Engineering Program Advocates Network (WEPAN). The directory is divided into five sections: **Program Fundings; Program Offerings; Professional Networks; Publications Available; and Prevalent Issues**. The first section on **Program Fundings** is composed of information on such funding sources as businesses/industries and private foundations, also, funding expenditures like scholarships/merit awards for incoming and continuing students. The next section on **Program Offerings** includes elementary, junior high, high school, college level and miscellaneous recruitment and retention programs. The third section on **Professional Networks** covers conferences and national organizations related to Women in Engineering. The fourth section on **Publications Available** contains information on such printed materials as professional papers and research articles, also, audio-visual materials like posters and video-tapes. Finally, the last section on **Prevalent Issues** incorporates articles dealing with such concerns as dual-career families, flex-time policies and sexual discrimination.

The various elements of the Catalog of Resource Materials have been correlated with the different portions of the WEPAN Survey for the 1991 Directory of College/University Programs for Women in Engineering. In this way, for example, interested persons can look in the Directory of College/University Programs in order to locate a particular program at one institution, then, they can find a more detailed description of the elements of that program in the Catalog of Resource Materials.

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SECTION I PROGRAM FUNDINGS

TOTAL ENTRIES = 162

A. FUNDING SOURCES

Entries = 55

1. Associations/Councils
2. Businesses/Industries
3. Churches
4. Colleges/Universities
5. Federal Government
6. Honoraries
7. Institutes/Centers
8. Local Governments
9. Private Foundations
10. Professional Societies
11. Research Institutes
12. State Governments
13. Other.....

Format for funding sources is as follows:

Name of Group

Address of Group

Paragraph: containing the purpose of, amount of,
requirements of and deadline for grants

B. FUNDING EXPENDITURES

Entries = 107

1. Assistantships/Fellowships/Internships for Undergraduate Students
2. Assistantships/Fellowships/Internships for Graduate Students
3. Grants/Loans/Aids for Students
4. Recruitment Programs for Incoming Students
5. Retention Programs for Continuing Students
6. Scholarships/Merit Awards for Incoming Students
7. Scholarships/Merit Awards for Continuing Students
8. Other

Format for funding expenditures is as follows:

Title of Expenditure

Address for Expenditure

Paragraph: containing an explanation of expenditure,
what the award includes, requirements of students
and deadlines

SECTION II PROGRAM OFFERINGS

TOTAL ENTRIES = 103

A. ELEMENTARY SCHOOL LEVEL PROGRAMSEntries = 5

Format for programs is as follows:

State of Program

Name of Institution

Contact Person at Institution

Address of Institution

Paragraph: containing a description of the program, students participating, time, length, type and subject of program, along with the people involved in the program

B. MIDDLE/JUNIOR HIGH SCHOOL LEVEL PROGRAMSEntries = 18

Format for programs is the same as above.....

C. SENIOR HIGH SCHOOL LEVEL PROGRAMSEntries = 48

Format for programs is the same as above.....

D. COLLEGE LEVEL PROGRAMSEntries = 22

1. Undergraduate Programs

2. Graduate Programs

Format for programs is similar to the above.....

E. MISCELLANEOUS PROGRAMSEntries = 10

Format for programs is similar to the above.....

SECTION III PROFESSIONAL NETWORKS

TOTAL ENTRIES = 102

A. CONFERENCESEntries = 16

Format for conferences is as follows:

Name of Conference

Address of Conference

Paragraph: containing the purpose of, sponsors for, date of and papers available through the conference

B. RELATED ORGANIZATIONSEntries = 86

Format for national organizations is as follows:

Name of Organization

Address/Phone of Organization

Paragraph: containing the purpose, composition, meetings and publications of the organization

SECTION IV PUBLICATIONS AVAILABLE

TOTAL ENTRIES = 633

A. PRINTED MATERIALSEntries = 567

1. Activities
2. Associations
3. Bibliographies
4. Biographies
5. Books (Student Books and Adult Books)
6. Book Reviews
7. Brochures
8. Catalogs
9. Courses/Curriculums/Programs
10. Directories
11. Guides: Careers; Curriculums; Fellowships; Financial Aid; Grants; Internships; Prizes; Research; Scholarships; and Study
12. Leaflets
13. Newsletters
14. Pamphlets/Packets/Booklets
15. Professional Publications: Bulletins; Conference Proceedings; Journal Articles; Project Reports
16. Standardized Items/Tables
17. Statistics
18. Other.....

Format for printed materials is as follows:

Title of Material
 Author of Material
 Date of Material
 Publisher of Material
 Paragraph: containing a description and
 appropriateness of the material along with the number
 of pages and costs involved

B. AUDIO-VISUAL MATERIALSEntries = 66

1. Audio-tapes
2. Films
3. Filmstrips
4. Posters
5. Radio Programs
6. Slide-tapes
7. Television Programs
8. Video-tapes
9. Other.....

Format for audio-visual materials is as follows:

Name of Material
 Distributor of Material
 Paragraph: containing a description, length and cost
 of the material

SECTION V PREVALENT ISSUES

TOTAL ENTRIES = 179

A. ARTICLESEntries = 179

1. Campus Climate	33
2. Child Care	14
3. Dependent Children	3
4. Dual-Career Families	22
5. Educational Equity	8
6. Employee Assistance	5
7. Flex-Time Policies	6
8. Marriage	6
9. Parenthood	10
10. Parental Leaves	4
11. Part-time Positions	5
12. Peer Harassment	1
13. Peer Relationships	2
14. Racial Discrimination	2
15. Sexual Discrimination	18
16. Sexual Harassment	37
17. Single Parent Families	1
18. Other.....	2

Format for articles dealing with prevalent issues is as follows:

Title of Article
 Authors/Date of Article
 Publisher of Article
 Paragraph containing a description of the article