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.
TABLE OF CONTENTS

SECTION I  PROGRAM FUNDINGS  TOTAL ENTRIES = 162

A. FUNDING SOURCES

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

A. ELEMENTARY SCHOOL LEVEL PROGRAMS

Entries = 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 PROGRAMS

Entries = 18

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

C. SENIOR HIGH SCHOOL LEVEL PROGRAMS

Entries = 48

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

D. COLLEGE LEVEL PROGRAMS

Entries = 22

1. Undergraduate Programs
2. Graduate Programs

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

E. MISCELLANEOUS PROGRAMS

Entries = 10

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

SECTION III PROFESSIONAL NETWORKS

TOTAL ENTRIES = 102

A. CONFERENCES

Entries = 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 ORGANIZATIONS

Entries = 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 MATERIALS  
Entries = 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 MATERIALS  
Entries = 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

WOMEN IN ENGINEERING CONFERENCE: A NATIONAL INITIATIVE
1991 WEPAN National Conference
SECTION V PREVALENT ISSUES

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<th>A. ARTICLES</th>
<th>Entries = 179</th>
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<td>18. Other.</td>
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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