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ABSTRACT

This second edition directory lists 138 year-round precollege and university minority engineering programs that were staffed as of March 1, 1986. Entries were collected through questionnaires mailed to the field. Respondents listed their programs as full-time if professional staff devotes 75% or more of their time to minority engineering work exclusively, or part-time if professional staff is allocated below the 75% level. All data is listed alphabetically by state and city and includes: program acronym or title, sponsoring institutions, address and telephone number, and names and titles of directors and/or other staff. Similar information is provided for eight national organizations involved with minority engineering educational efforts. To ease utilization, indexes by individual's name and program acronym have been included. The questionnaire, a list of National Action Council for Minorities in Engineering, Inc. (NACME) donors, names and corporate affiliations of members of the NACME Board of Directors, and the names of NACME officers and staff are provided. (NEC)

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The Directory of Precollege and University
Minority Engineering Programs

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About NACME

NACME is the National Action Council for Minorities in Engineering, Inc., a non-profit organization founded to act as catalyst in the minority engineering education effort. This movement started more than a decade ago by companies, educators, professional societies and minority organizations. It strives to increase the number of underrepresented minorities who graduate from accredited engineering schools.

NACME plays a key role in this effort by initiating, facilitating and developing both programs and services that make it possible for a growing pool of Blacks, Mexican Americans, Puerto Ricans, and American Indians to earn baccalaureate degrees in engineering.

As an enabling organization, NACME achieves its goals in a variety of ways. Its Incentive Grants Program is the nation's largest privately supported scholarship fund for minorities in engineering. Its Field Services Program supports local and regional organizations with grant monies and with technical assistance in establishing and strengthening precollege and university programs. And NACME's active research and publications programs make vital information available to students, parents, educators and corporate supporters.

.....
Precollege and University
.....
**Minority
Engineering
Programs**

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Preface

MEPs,USA is NACME's second edition directory listing precollege and university minority engineering program personnel. We hope the book facilitates networking among the many dedicated people in the effort who share a common goal.

Clearly there are a host of roles which are not listed here who work in school districts, corporations and other institutions to increase the number of black, Mexican American, Puerto Rican, and American Indian engineering graduates. They may be involved with mentoring, summer projects, programs in which engineering is only one of several components of a variety of other activities. MEPs,USA, however, focuses exclusively on year round precollege and university minority engineering programs that were started as of March 1, 1980.

Entries in the directory were collected through questionnaires mailed to the field. Respondents listed their programs as full-time if professional staff devotes 75 percent or more of their time to minority engineering work exclusively, or part-time if professional staff is allocated below the 75 percent level.

All data is listed alphabetically by state and city and includes:

- Program Acronym or Title
- Sponsoring Institution
- Address and Telephone Number
- Individual's Name
- Title

To ease utilization, indexes by individual's name and program acronym have been included. An additional page titled "Partners in the Effort" lists national organizations.

Symbols

P	Precollege Program
U	University Program
PSU	Continental Precollege and University Programs
PI	Full-time Program
PII	Part-time Program

Arrangement of the Directory



*Programs are listed in
alphabetical order by state and
city as follows:*

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Index of Acronyms

AISES	American Indian Science & Engineering Society <i>Basalt, CO</i>	11
BEAM	Buffalo Area Engineering Awareness for Minorities <i>Amherst, NY</i>	23
CAPCEP	Chicago Area Pre-College Engineering Program <i>Chicago, IL</i>	15
CARE	College Awareness & Readiness for Engineering <i>Orlando, FL</i>	13
CEMS	Case Early Exposure to Engineering for Minority Students <i>Cleveland, OH</i>	26
CHROME	Cooperating Hampton Roads Organizations for Minorities in Engineering, Inc. <i>Norfolk, VA</i>	32
C-MAP	Carnegie Mellon Action Project <i>Pittsburgh, PA</i>	38
CMEA	Colorado Minority Engineering Association <i>Denver, CO</i>	11
CNEP	Comprehensive Math & Science Program <i>New York, NY</i>	24
COP	Council of Partners <i>Stillwater, OK</i>	27
CPEP	Connecticut Pre-Engineering Program <i>Hartford, CT</i>	12
DAPCEP	Detroit Area Pre-College Engineering Program <i>Detroit, MI</i>	20
DEEEP	Denver Educational Entry to Energy Program <i>Denver, CO</i>	11
EDY	Energy for Disadvantaged Youth Program <i>Bridgeport, CT</i>	11
EEOP	Engineering Equal Opportunity Program <i>East Lansing, MI</i>	20
ETSP	Engineering Industrial Support Program <i>Ann Arbor, MI</i>	19
EMP	Engineering Minor Programs <i>Stanford, CA</i>	10

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Acronyms for national organizations can be found under the heading Partners in the next page 35.

BEST COPY AVAILABLE

EOE	Equal Opportunity in Engineering Austin, TX	30
FAME	Forum to Advance Minorities in Engineering Wilmington, DE	12
FOE	Fundamentals of Engineering Las Cruces, NM	33
F-PEEP	First Pro Engineering Education Project Ft. Worth, TX	20
GCAME	Golden Crescent Alliance for Minorities in Engineering Victoria, TX	32
GEST	Gateway to Engineering, Science and Technology Milwaukee, WI	34
INCOME	Increasing Career Opportunities for Minorities in Engineering Louisville, KY	17
LEAP	Louisiana Engineering Advancement Program for Minorities New Orleans, LA	18
MACESA	Mid-America Consortium for Engineering and Science Achievement Manhattan, KS	17
MassPreP	Massachusetts Pre-Engineering Program for Minority Students Boston, MA	19
MEAP	Minority Engineering Advancement Program Indianapolis, IN	35
MEIOP	Minority Engineers Industrial Opportunity Program Cleveland, OH	26
MEOP	Minority Engineering Opportunity Program Evanson, IL	15
MEP(s)	Minority Engineering Program(s) (University support programs at institutions nationwide)	
MESA	Mathematics, Engineering & Science Achievement Program	
	Glendale, AZ	1
	Phoenix, AZ	1
	Tucson, AZ	1
	Sakramento, CA	2
	Berkeley, CA	2,3
	Claremont, CA	3

	Davis, CA	4
	Fresno, CA	4
	Fullerton, CA	4
	Long Beach, CA	5
	Los Angeles, CA	5,6
	Merced, CA	7
	Sacramento, CA	8
	San Diego, CA	8
	San Francisco, CA	8,9
	San Jose, CA	9
	Santa Barbara, CA	10
	Santa Rosa, CA	10
	Stanford, CA	10
	Denver, CO	11
	Albuquerque, NM	23
	Salt Lake City, UT	32
	Richland, WA	33
	Seattle, WA	33
	Tacoma, WA	33
MEEP	Minority Engineering Scholarship Program	
	Knoxville, TN	30
METCON	Metropolitan Consortium for Minorities in Engineering	
	Washington, DC	12
MIE	Minorities in Engineering	
	Omaha, NE	21
MPE	Minority Programs in Engineering	
	Davis, CA	4
MSEN	Mathematics and Science Education Network	
	Chapel Hill, NC	25
NAMES	Native American Mineral Engineering and Science Program	
	Socorro, NM	33
NAPCOE	Native American Program in the College of Engineering	
	Albuquerque, NM	23
NUPRME	Northeastern University Program in Minority Engineering	
	Boston, MA	10
OMED	Office of Minority Educational Development	
	Atlanta, GA	14
OMSA	Office of Minority Students Affairs	
	Roy, NY	25

PACE	Program for Achievement in Computing Engineering Orinda, CA	3
PEEP	Pre-Engineering Impact Program Pittsburgh, PA	20
PEP	Pre-Engineering Program for Minorities Asheville, ON	26
Pre-Cap	Pre-Engineering Comprehensive Achievement Program Albionville, NY	24
PREP	Pittsburgh Regional Engineering Program Pittsburgh, PA	28
PRIME	Philadelphia Regional Introduction for Minorities to Engineering Philadelphia, PA	27
PRISM	Program for Rochester to Interest Students in Science and Math Rochester, NY	24
PROMES	Program for Minority Engineering Students Houston, TX	31
PSP	Principal's Scholars Program Champaign, IL	14
PTP	Minority Engineering Program and Project Technology Power Minneapolis, MN	20
ROCAME	Region O Council for Advancement of Minorities in Engineering Wilmington, NC	25
SOARMEBS	Student Council for Recruiting, Motivating and Educating Black Engineers Lawrence, KS	70
SECME	Southeastern Consortium for Minorities in Engineering Atlanta, GA Raleigh, NC Columbia, SC Memphis, TN	13, 14 25 29 30
STEMS	South Texas Engineering Mathematics & Science Program Kingsville, TX	31
STEP	Stivers Technical Enrichment Program Hoboken, NJ	23

EAME	Texas Alliance for Minorities in Engineering	Arlington, TX	20
FINES	To Improve Math, Engineering and Science Studies	Providence, RI	20
FAMES	Transfer-Retention Minority Engineering Program	Fayetteville, AR	2
UCONEP	Union County College Minorities in Engineering Program	Cranford, NJ	21

Precollege and University Minority Engineering Programs Update



To update or add program information, please photocopy this page, complete and return to NACME:

PROGRAM NAME

PROGRAM ACRONYM (if any)

ADDRESS

CITY, STATE, ZIP

TELEPHONE NO.

Please indicate below type of program:

University Program **Precollege Program**

Combined Precollege & University Program

If list in ranking order the names and titles of professional staff devoting time to the minority engineering effort in your program. Please **DO NOT** list summer programs or programs in which engineering is **NOT** the main component. Complete one form per program. Attach a separate page if necessary.

NAME

TITLE

Percentage of Time Devoted to Program?

Full Time? Part Time?

NAME

TITLE

Percentage of Time Devoted to Program?

Full Time? Part Time?

NAME

TITLE

Percentage of Time Devoted to Program?

Full Time? Part Time?

.....
Name of Person Completing this Form

.....
Date

* Full Time is the equivalent of 20% or more of total time to minority engineering work exclusively

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If the previous number is 45, if the original document was 45.

45 52

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