## SUBJECT INDEX — VOLUME 5

Journal of Women and Minorities in Science and Engineering

Page Numbers for Issues:

Issue 1, 1-95; Issues 2, 97-205; Issue 3, 207-291; Issue 4, 293-405

```
African-American
  engineering students, retention of, 323
  high school students, commitment to science, 155
  recipients of baccalaureate degrees in chemistry, 97
  undergraduates in mathematics, 53
  women in agronomic sciences, 113
Agronomic sciences
  black women in, 113
Asian-American
  recipients of baccalaureate degrees in chemistry, 97
Chemistry
  race, gender, and baccalaureate degrees in, 97
Collaboration
  administrative, in university engineering program, 323
  between women's studies and engineering programs, 311
Denmark
  engineering and gender equity in, 303
Elementary students
  and mathematics instruction, 67
Emerging Scholars Program, 53
Engineering
  cultural model for belonging in, 365
  education
     administrative collaboration in, 323
     resources for mentoring women faculty in, 29
     use of teams in, 351
  female undergraduates in, 265
  gender differences and selection of major in, 183
  and gender equity in Denmark, 303
  international alliance for diversity of workforce in, 293
  men's attitudes about women in, 239
  women's confidence about, 239
  and women's studies, 311
Faculty
  resources for mentoring women in engineering, 29
  resources for mentoring women in science, 29
  views on student teams in engineering education, 351
  women in mathematics, 17, 207
```

```
Feminism
  and engineering, 265
  and science education, 1
Germany
  spatial visualization skills of engineering students in, 279
Global Alliance in Science and Engineering, 293
High school students
  Hispanic, and mathematics, 175
  and science, commitment to, 155
Hispanic
  engineering students, retention of, 323
  high school students, and mathematics, 175
  recipients of baccalaureate degrees in chemistry, 97
Latin-American
  high school students, commitment to science, 155
  undergraduates in mathematics, 53
Mathematics
  African-American undergraduates in, 53
  Hispanic high school students and, 175
  instruction in elementary schools, 67
  instruction in middle schools, 67
  Latino undergraduates and, 53
  and technology in instruction of, 67
  women faculty in, 17, 207
  women students in, 17
Mentoring
  women in engineering and science, 29
Middle school students
  and mathematics instruction, 67
  and science education, girls, 79
Native American
  engineering students, retention of, 323
  high school students, commitment to science, 155
  recipients of baccalaureate degrees in chemistry, 97
Poland
  spatial visualization skills of engineering students in, 279
  and baccalaureate degrees in chemistry, 97
Residential program
  in science and engineering, female undergraduates, 265
Science
  British women in, 219
  female undergraduates in, 265
  high school students, commitment to, 155
  middle school girls and, 79
  resources for mentoring women in, 29
```

undergraduate women and, 1 women's career paths in, 129 Spatial visualization skills gender and cultural differences in, 279 Summer programs in mathematics, Hispanic high school students, 175 in science high school students, 155 middle school girls, 79 Teams in engineering education, 351 Undergraduates and a cultural model for belonging in engineering, 365 in mathematics, women, 17 and science education, 1 women in science and engineering, residential academic program, 265 United Kingdom women scientists in, 219 United States spatial visualization skills of engineering students in, 279