

# Newsletter

NEWSLETTER OF THE NATIONAL ASSOCIATION FOR RESEARCH IN SCIENCE TEACHING

Vol. 19 No. 6

March 1978

## EMPLOYMENT IN SCIENCE EDUCATION

NARST operates a job placement information service for its members. The Executive Board appoints a Placement Coordinator who facilitates communication between potential employers and employees. Each Spring NARST publishes an issue of the Newsletter containing vita on members seeking positions and descriptions of job openings. Contacts between potential employers and candidates should be made directly and not through the office of the Coordinator.

In this issue we have also included a selected listing of job placement resources. You may wish to make copies of this portion of the Newsletter for a placement file which you may use with students.

Dr. Alan M. Voelker  
Gabel 102-B  
Northern Illinois University  
DeKalb, IL 60115

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## PARTIAL LIST OF RESOURCES FOR PERSONS SEEKING EMPLOYMENT IN HIGHER EDUCATION

### Directories

Patterson's American Education. Lists department of education, public school systems and their superintendents, public high and junior high schools and their principals, public and private colleges and universities.

Director of Illinois Community Colleges. Includes addresses of community colleges in Illinois and the names of all administrative officers in these institutions as well as departmental or division chairpersons.

AACJC, Community, Junior and Technical College Directory. Summary by states of all two-year colleges, public colleges, independent junior colleges. Distribution of size of enrollment in two-year colleges is included, along with a list of State Administrators and an alphabetical listing of two-year colleges.

A Directory of Public Service Internships - 1974-75. Contains opportunities for the Graduate, postgraduate and mid-career professional. First complete date bank of internships funding, program design and educational components. Covers a wide range of business as well as governmental jobs.

#### Other Placement and Listing Resources

The Chronicle of Higher Education. Published weekly during the academic year, except the last two weeks in December, and every four weeks from June through the third week of September, each issue of the Chronicle includes a "Bulletin Board" listing administrative and teaching positions in all fields under "Positions Available." Copy and payment for candidates listings should be sent to the Bulletin Board, 1717 Massachusetts Avenue, N.W., Washington, D.C. 20036. Subscription rates for the Chronicle are \$20.00 (38 issues), \$14.00 (21 issues), and \$7.00 (12 issues).

Conference on College Composition and Communication. CCCC operates a free placement service for its members in conjunction with its annual convention each year. For further information write to Anne Campbell, Prairie View A & M College, Prairie View, Texas 77445.

Educational Career Service. A non-profit organization serving candidates for teaching and administrative positions in schools, colleges, and universities across the United States. The registration fee is \$36.00 per year, with a renewal fee of \$24.00. For further information, write to: ECS, 12 Nassau Street, Princeton, N.J. 08540.

Higher Education Administration Referral Service. HEARS, a cooperative non-profit professional personnel referral service, is designed to help colleges and universities meet their needs for qualified administrative and support staff related to business management. Many, but not all, of the positions require, prior administrative experience. The annual registration fee is \$25.00. Write to HEARS, Suite 510, One Dupont Circle, N.W. Washington, D.C. 20036.

The Affirmative Action Register. A publication which provides an opportunity for female and minority candidates to learn of professional and managerial positions throughout the nation and which assist employers in implementing their Affirmative Action Programs. Write to Warren H. Green, Editor, AAR (Affirmative Action Register), 10 South Brentwood Blvd., St. Louis, Missouri 63103.

The Cooperative College Register. Introducing new college teachers as well as experienced faculty and staff personnel to colleges and universities for open positions in all areas. The annual registration fee is \$20.00. More information can be obtained by writing to: Cooperative College Register, 621 Duke Street, P.O. Box 298, Alexandria, Virginia 22314.

The National Faculty Placement Bureau. Publishes lists of vacancies in the following discipline categories: Administration, Art, Behavioral Services, Biological Sciences, Business & Economics, Education, Engineering Sciences, Health, P.E. & Recreation, Humanities, Natural Sciences and Mathematics, Technology, Personnel, Guidance, and Student Services. Annual registration fee is \$25.00 per academic discipline. Renewals and extensions are \$18.00. For further information, contact: O'Brien & O'Brien, Educational Consultants, P.O. Box 271, Buffalo, New York 14221

The Academic Journal. Contains directories of employment sources, mailing lists, and update reports on the job market. The yearly fee is \$25.00. For further information write to: The Education Exchange, Box 392, Newton, Connecticut 06470

## POSITIONS AVAILABLE

The following science education positions were included in the 1978 ASCUS listing.

SCIENCE EDUCATION; DEGREE: Completed Ph.D. or Ed.D. with emphasis in science education; EXPERIENCE: Broad academic preparation in the sciences to include History or Philosophy of Science, Biology, Chemistry, Earth Science, Physics. Proven ability or a teacher at the elementary or secondary level. Demonstrated research and publication ability - current and future; DESCRIPTION: The position entails responsibilities in 3 areas: teaching research and service at the local, state and national levels. Publication is expected. The teaching assignment will involve: teaching of methods courses for the teaching of elementary, middle and high school science; supervision of student teachers in science; teaching of graduate courses in science education; advising graduate and undergraduate students in science education; conducting inservice workshops. Research, publication, and service activities may be focused according to the special interests of the person accepting the position; RANK: Assistant or Associate Professor; APPLY BY: April 15, 1979; CONTACT: John M. Kean, Chairperson, Science Search Committee, Department of Curriculum and Instruction, University of Wisconsin-Madison, 225 North Mills Street, Madison, Wisconsin 53706

ENVIRONMENTAL EDUCATION: DEGREE: Ph.D. in science/environmental education preferred. Master's degree considered; EXPERIENCE: One to three years of successful public school teaching necessary. University teaching and/or supervision of student teachers desirable; DESCRIPTION: A full-time position with responsibilities for coordinating environmental education, teaching methods of environmental education and secondary science methods, and supervising science/environmental student teachers. Added duties include advising college students and committee work; RANK: Visiting Assistant Professor; ONE YEAR APPOINTMENT: BEGIN: August 25, 1978; APPLY BY: March 1, 1978; CONTACT: Dr. Robert Wendel, Chairman, Department of Teacher Education, 301 McGuffey Hall, Miami University, Oxford, Ohio 45056

ELEMENTARY EDUCATION: MATHEMATICS & SCIENCE: DEGREE: Doctorate preferred; EXPERIENCE: Elementary school teaching experience; DESCRIPTION: Teach elementary math and science methods courses, supervise student teachers, supervise pre-student teaching experience, academic counseling of students; RANK: Assistant Professor; CONTACT: Austin M. Flynn, Dean, School of Education, De Paul University, 2323 N. Seminary Avenue, Chicago, Illinois 60614

CHAIRPERSON/ASSISTANT DEAN - SCIENCE: DEGREE: Ph.D. in physics or biology; EXPERIENCE: 3 years teaching and administrative experience and knowledge of deafness required. Instructional technology or curriculum development experience preferred; DESCRIPTION: Manage support services, develop joint curriculum offerings and faculty exchanges. Plan monitor and report on programs, budget and personnel; CONTACT: Elizabeth L. Fitter, Personnel Coordinator, National Technical Institute for the Deaf, Rochester Institute of Technology, One Lomb Memorial Drive, Rochester, New York 14623

ELEMENTARY SCHOOL MATHEMATICS EDUCATION AND SCIENCE EDUCATION:

DEGREE: Earned doctorate with concentration in the areas of specialization. Preference will be given to those whose major concentration is in the area of elementary school mathematics education; EXPERIENCE: 5 years successful classroom teaching experience in elementary public schools; DESCRIPTION: The position involves teaching at both the undergraduate and the graduate levels in the preparation program for elementary education degrees and/or elementary certification. Additional duties include departmental program evaluation and development, the supervision of elementary student teachers, working cooperatively with public elementary schools, and consulting with and conducting staff-development programs for public schools; RANK: Assistant or Associate Professor; APPLY BY: March 15, 1978; CONTACT: Dr. B. E. Reeves, Dean, School of Education, Pan American University, Edinburg, Texas 78539

SCIENCE EDUCATION; DEGREE: Ed.D., Ph.D. - Science Education; EXPERIENCE: Public school-college, either/and/or; DESCRIPTION: Undergraduate, graduate (M.Ed.) early & Middle Childhood; CONTACT: Dr. Edward P. Merryman, Valdosta State College, Valdosta, GA 31601

SCIENCE-AGRICULTURE EDUCATION; DEGREE: Earned doctorate, high potential for research and publications; EXPERIENCE: Public school science or agriculture teaching; DESCRIPTION: Duties include: teaching basic education courses, field supervision of student teachers, relationships with college faculty members and with public schools, productivity in research and publication; RANK: Assistant Professor; CONTACT: Gordon Law, University Chair, Undergraduate Teacher Education Rutgers University: Cook College, 17 Bartlett Street, New Brunswick, N.J. 08903

EDUCATION FOR UNDERGRADUATE AND MAT SECONDARY SCHOOL TEACHER PREPARATORY PROGRAMS; DEGREE: Ph.D. or Ed.D. required, math-science education, special education; EXPERIENCE: Public school teaching and clinical work with secondary students. College teaching and supervision of novice teachers. Completed, in-progress and proposed research; DESCRIPTION: Involves teaching in the professional education component for undergraduate and MAT secondary school teacher preparatory programs. Elements of learning and developmental theory are included within the presently required Education hours. An important part of the program is the fundamental training and field-experiences which will prepare Rice students for regular classroom teaching in two teaching fields; RANK: Associate Professor; CONTACT: Donald I. Wood, Chairman, Department of Education, Rice University, P.O. Box 1892, Houston, Texas 77001

SCIENCE EDUCATION (PRIMARILY ELEMENTARY): DEGREE: Ph.D. in science education; EXPERIENCE: teaching in public schools, teaching in college (preferable); DESCRIPTION: Teaching undergraduate and graduate courses in science education, be prepared to work in local schools, supervision of students, advising of students; RANK: Assistant Professor; CONTACT: Dr. Verlin Lee, Chairman, Department of Educational Curriculum and Instruction, Bowling Green State University, Bowling Green, Ohio 43403

EDUCATION; DEGREE: Ph.D., science education or math education; EXPERIENCE: 3 years public school teaching experience in science or math education at the elementary or junior high school level; DESCRIPTION: To instruct competency based science and math education courses to graduate and undergraduate students. To develop an inservice science/math curriculum for elementary curriculum;

RANK: Assistant Professor; CONTACT: Joseph L. Martin, Education Department Chairman, Alcorn State University, P.O. Box 989, Iorman, MS 39096

CURRICULUM AND INSTRUCTION; DEGREE: Doctor's degree; EXPERIENCE: Experience in elementary school teaching, expertise in elementary school science and math and a working knowledge in at least on other area of elementary curriculum. Indication of successful experience working with adults. Willingness to develop competencies in other curricular areas as needed; DESCRIPTION: Teaching college classes; responsibilities for on and off campus teaching. Supervising student teachers. Acting in an advisory role for students. Other responsibilities as assigned; BEGIN: August 21, 1978; APPLY BY: April 10, 1978; CONTACT: Eva E. Dold, Chairperson, Search Committee, Department of Curriculum and Instruction, Emporia State University, Emporia, KS 66801

EDUCATION; DEGREE: Ph.D. or Ed.D. required, math-science education, special education; EXPERIENCE: Public school teaching and clinical work with secondary students, college teaching and supervision of novice teachers, completed in-progress and proposed research; DESCRIPTION: Involves teaching in the professional education component for undergraduate and MAT secondary school teacher preparatory programs. Elements of learning and developmental theory are included within the presently required education hours. An important part of the program is the fundamental training and field-experience which will prepare Rice students for regular classroom teaching in two teaching fields. Rice University conducts a 6 week summer school on its campus for secondary students. Organizational and administrative detail concerning the school as well as clinical supervision of novice teachers, who teach the summer course, is a major responsibility of this position; RANK: Associate Professor; CONTACT: Donald I. Wood, Chairman, Department of Education, Rice University, P.O. Box 1892, Houston, Texas 77001

EDUCATION GENERALIST WITH SECONDARY EMPHASIS; DEGREE: Earned doctorate; EXPERIENCE: K-12 experience is preferred; DESCRIPTION: Opening for an education generalist with secondary emphasis and some elementary experience. Expertise should be drawn from the following areas: remedial and content area reading, math and science methods, multi-cultural education, career education, talented and gifted programming, environmental education. Some student teacher supervision is expected; RANK: Instructor or Assistant Professor; CONTACT: Dr. Fred D. Brown, Executive Vice President and Dean of the Faculty, Buena Vista College, Storm Lake, Iowa 50588

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**POSITION:** Assistant Professor  
of Science Education  
**LOCATION:** University of Georgia  
Athens, Georgia  
**APPLY TO:** Professor David Butts  
Chairman, Department of  
Science Education  
University of Georgia  
Athens, Georgia 30602  
**APPLICATION DEADLINE:** March 1, 1978  
**APPLICATION PROCEDURE:** Send resume of  
training and experience. A copy of  
your full credentials and appropriate  
letters of recommendation.  
**STARTING DATE:** June 1 or Sept. 1, 1978.  
**SALARY:** Open -- depending upon training  
and experience.

**QUALIFICATIONS:** A doctoral degree in  
Science Education, including skills in  
research methodology, instrumentation  
and evaluation design, and teaching ex-  
perience at the middle or elementary  
school level. Experience with field-  
based teacher education is preferred.  
**JOB DESCRIPTION:** One position will be  
filled. It will involve working in the  
undergraduate professional sequence for  
elementary or middle teachers currently  
under development which includes a field-  
based C.B.T.E. emphasis. All faculty in  
the Dept. of Science Education are ex-  
pected to identify and pursue an area of  
particular research interest. Opportuni-  
ties for additional work in the follow-  
ing areas may be available depending on  
the candidate's experience and training.  
1) Graduate Instruction - Working in  
graduate level instruction as part of  
master's and doctoral programs in Science  
Education. 2) Graduate Research - Super-  
vision of graduate research. 3) Curricu-  
lum Implementation - Assisting school dis-  
tricts in implementing improved science  
instruction. 4) Undergraduate Science  
Instruction - Teaching in introductory  
science courses for the pre-service ele-  
mentary education majors.

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RASS/Learning Services (Reading and Study Skills Lab) University of Texas  
at Austin, (512) 471-3614 A332 Jester, Austin, Texas 78784.

**TITLE:** Learning Specialist II (Math/Science emphasis) **DUTIES:** Teaching  
and auxilliary program/mathematics development, diagnostic, evaluation,  
consultation, faculty liaison, tutor training function in a large and  
diversified learning assistance center for university students. Currently  
seeking candidates with special interests but skills in math/science  
learning support services but prepared to contribute effectively to RASSL's  
general reading study skills instructional programs as well. **QUALIFICATIONS:**  
Master's degree with concentration in fields allied to learning skills  
development and/or math-science learning support services. One to three  
years of teaching or clinical experience. **SALARY:** \$12,576 - \$13,908  
depending upon qualifications and experience. 12 months. **APPOINTMENT**  
**BEGINS:** June or August, 1978. **SEND CREDENTIALS AND PERSONAL STATEMENT**  
**OF INTEREST AND SKILLS IN THE DUTIES DESCRIBED ABOVE TO:** Patricia Heard,  
Coordinator, RASSL/Learning Services at above address.

PERSONS SEEKING EMPLOYMENT

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NAME: Elliott, Rena F.  
ADDRESS: 3825 LaVista Rd., 0-1  
Tucker, Ga 30084  
TELEPHONE: (home) 404-939-9740  
DEGREE: M.S. 1978  
Ph.D. 1978  
M.Ed. 1973  
INSTITUTION GRANTING HIGHEST DEGREE:  
Georgia State University  
GENERAL INTERESTS: Camping, reading,  
cooking, writing, oceanography, scuba.

TYPE OF POSITION(S) DESIRED: Professor (Asst.),  
Educ. Researcher (both) in Science Education or  
Educational Psychology.  
EXPERIENCE: Instructor, Physics - North  
Georgia College. Elementary Ed. Advisor -  
Bach & M.Ed. Students, G.S.U. High School  
Teacher; Phys, Chem. Computer Consultant &  
Programmer. Physics Research & Lab Manager.  
RESEARCH INTERESTS: Concept Learning, Math  
Models for Learning, Curriculum Improvement.

NAME: Qureshi, Zahir  
ADDRESS: Dept. of Sci.Ed. & Chem.  
Norwich Univ., Northfield, VT.  
TELEPHONE: (office) 802-485-5011, ext. 05663  
(home) 802-485-9351 245  
DEGREE: M.S. 1965  
M.A.T. 1970  
Ed.D. 1975  
INSTITUTION GRANTING HIGHEST DEGREE:  
University of Maine at Orono  
GENERAL INTERESTS: Elementary curri-  
culum and methods; departmental admin-  
istration.

TYPE OF POSITION(S) DESIRED: Teacher training  
and evaluation - Elementary Science/Mathematics.  
-Secondary Science Education, teacher training,  
evaluation and research.-Science/Math Education  
and Educational/Departmental administration.  
EXPERIENCE: 2 years Elementary School;\*8 years  
Junior High School; 2 years High School;\*1 year  
Junior College; 3 years University (to June'78)  
6 years Grad. Student Teaching Assistant;  
\* These positions required half time administra-  
tive responsibilities  
RESEARCH INTERESTS: Teacher competencies and  
their validation - specifically in science/math-  
ematics.

NAME: Bady, Richard J.  
ADDRESS: 1309 Central Ave.  
Highland Park N.J. 08904  
TELEPHONE: (office) 201-932-7614  
(home) 201-985-7148  
DEGREE: Ed.D. 1978  
INSTITUTION GRANTING HIGHEST DEGREE:  
Rutgers University  
GENERAL INTERESTS: Formal operations  
and science curriculum; Phil. of Sci.  
and Teacher Ed.

TYPE OF POSITION(S) DESIRED: Teaching and re-  
search in Sci. Ed.  
EXPERIENCE: taught H.S. Science; taught College  
Science; taught at Grad. School of Ed. in Sci.  
Ed.; Research in Piaget's Theory w/ several pre-  
sentations and publications.  
RESEARCH INTERESTS: Cognitive Development and  
Curriculum, Nature of Science, Measurement and  
Application.

NAME: Brown, Gifford C.  
ADDRESS: Physics Dept, Clark Hall  
Cornell University  
Ithaca, NY 14853  
TELEPHONE: 607-256-3366 (office)  
607-257-4583 (home)  
DEGREE: M.S. or M.A. -- 1971  
Ph.D. -- 1974  
INSTITUTION GRANTING HIGHEST DEGREE:  
Cornell University  
GENERAL INTERESTS: Physics  
Education, Self-Paced Instruction,  
Learning Theory.

TYPE OF POSITION(S) DESIRED: Teaching/  
research or administrative/teaching position  
in science education related areas.  
EXPERIENCE: 8/75-present; Director self-  
paced, mastery oriented introductory physics  
course and member graduate field of education,  
Cornell University  
8/74-6/75; post-Doctoral teaching intern,  
Purdue University.  
RESEARCH INTERESTS: Learning theory, science  
education.

NAME: Dante, William Michael  
 ADDRESS: 5042 17th Ave. N.E.  
 Seattle, Washington 98105  
 TELEPHONE: none given  
 DEGREE: Ph.D.  
 INSTITUTION GRANTING HIGHEST DEGREE:  
 University of Washington  
 GENERAL INTERESTS: Electronics, Amateur  
 Radio, Mountain hiking and climbing,  
 Computer technology.

TYPE OF POSITION(S) DESIRED: College  
 Teaching, Science Teacher Education  
 (Secondary Physics)  
 EXPERIENCE: Unesco Specialist in Physics  
 Teaching. Methodology and Curriculum De-  
 velopment, College of Education, Uyo,  
 Nigeria (2 1/2 yrs.). Assistant Profes-  
 sor of Physics, Haile Sellassie I Uni-  
 versity, Addis Ababa, Ethiopia (2 yrs.).  
 Assistant Professor of Physics, Pacific  
 University, Forest Grove, Oregon (5 yrs.)  
 RESEARCH INTERESTS: Applications of  
 Piaget; Use of computers in science  
 teaching.

NAME: Peterson, Kenneth Dale  
 ADDRESS: University of California  
 School of Education  
 5615 Tolman Hall  
 Berkeley, California 94720  
 TELEPHONE: (415) 488-9289 home  
 (415) 642-0746 office  
 DEGREE: M.A. 1969  
 Ph.D. 1976  
 INSTITUTION GRANTING HIGHEST DEGREE:  
 University of California, Berkeley  
 GENERAL INTERESTS: Science teacher edu-  
 cation; science education; teacher edu-  
 cation; adolescent learning; secondary  
 schools in the United States.

TYPE OF POSITION(S) DESIRED: Science  
 teacher education, research and/or teach-  
 ing; Science education, research and/or  
 teaching; teacher education, preservice  
 and/or inservice.  
 EXPERIENCE: College science teaching,  
 1 yr., San Jose State; High School Science  
 Teaching, 3 yrs., Marin County, Calif;  
 Elementary school teaching, 1 summer;  
 University Teacher Education supervision  
 and lecturing, 6 yrs., University of  
 California, Berkeley; extensive consulta-  
 tion.  
 RESEARCH INTERESTS: Science teacher  
 preparation; high school science educa-  
 tion; scientific inquiry training; teach-  
 er and student self concept.

NAME: Merkle, Dale G.  
 ADDRESS: 418 Herwen Drive  
 Shippensburg, PA 17257  
 TELEPHONE: 717-532-7419  
 (call after 4 p.m.)  
 DEGREE: Ph.D. 1969  
 INSTITUTION GRANTING HIGHEST DEGREE:  
 Michigan State University  
 GENERAL INTERESTS: Pre-service and  
 in-service science teacher education.

TYPE OF POSITION(S) DESIRED: Science  
 education professor at University level.  
 EXPERIENCE: Nine years in public school  
 education. Past eight years teaching  
 elementary school science methods and  
 introductory research at Shippensburg  
 State College. Numerous publications  
 and fellowships. (Placement materials  
 available from Michigan State University,  
 East Lansing, Michigan)  
 RESEARCH INTERESTS: Competency Based  
 Instruction and Competency Assessment.

NAME: Kyle, William C. Jr.  
 ADDRESS: Box 190  
 Brooklyn, Iowa 52211  
 TELEPHONE: (515) 522-9367  
 DEGREE: M.S. or M.A. -- 1977  
 INSTITUTION GRANTING HIGHEST DEGREE:  
 The University of Iowa  
 GENERAL INTERESTS: Writing/Reading  
 Philosophy. Chess, motorcycling,  
 basketball.

TYPE OF POSITION(S) DESIRED: Small College  
 or Junior College Biology &/or Science Educa-  
 tion. A position which does not require a  
 Ph.D. (or)  
 EXPERIENCE: High School Physics, Chemistry,  
 General Science. Junior High Life and Physi-  
 cal Sciences. University of Iowa: Student  
 teacher, supervisor, teaching assistant, research  
 assistant, Curriculum Development and Module  
 Writing.  
 RESEARCH INTERESTS: Inst. and Stud. Behavior  
 in college level laboratories.

NAME: Marek, Edmund A.  
 ADDRESS: 2142 #B West Brooks  
 Norman, OK 73069  
 TELEPHONE: (405) 360-0220  
 (405) 364-5159  
 DEGREE: Ph.D. -- 1977  
 INSTITUTION GRANTING HIGHEST DEGREE:  
 University of Oklahoma  
 GENERAL INTERESTS: Teaching gradu-  
 ate and undergraduate methods,  
 courses, working with student  
 teachers, and research.

TYPE OF POSITION(S) DESIRED: Teaching Grads.  
 and Undergrads. Research.  
 EXPERIENCE: Seven year classroom teacher.  
 Four year Department Chairperson. Currently  
 one year Adjunct Asst. Prof. Currently  
 Secondary Science Coordinator  
 RESEARCH INTERESTS: Curriculum development and  
 the effects of teaching methodologies on  
 intellectual development and achievement.

NAME: Tullock, Bruce R.  
 ADDRESS: Apt. #1 Burdeck Street  
 Schenectady, New York  
 12306  
 TELEPHONE: 518-457-8567  
 518-356-0498  
 DEGREE: M.S. or M.A. -- 1972  
 Ed.D. -- 1978  
 INSTITUTION GRANTING HIGHEST DEGREE:  
 State University of NY at Albany  
 GENERAL INTERESTS: Teacher education  
 (CBTE), supervision, methodology,  
 learning theory applications,  
 curriculum development.

TYPE OF POSITION(S) DESIRED: (1) Assistant  
 Professor of Science Education. (2) Coordin-  
 ator of Student Teaching. (3) District Science  
 Supervisor  
 EXPERIENCE: --High School biology, chemistry  
 and earth sciences: 2 years.--Middle School  
 biology: 4 years.--Jr. High earth science: 1  
 year.--Consultant in Science Education for N.Y.S.  
 Education Dept.--Research Assistant at  
 university: 2 years.  
 RESEARCH INTERESTS: Science teaching competen-  
 cies and teacher effectiveness research.

*National Association for  
Research in Science Teaching  
Memorial Hall  
Drake University  
Des Moines, IA 50311*

*FIRST CLASS MAIL*