implement their new skills in their local programs. The addition of a second institution will provide the opportunity to evaluate the effectiveness and transferability of the concept.

Throughout the grant period, a third party evaluator must be secured by the grantee institution to assess the effectiveness of the approach, content and transferability of the "A Head Start on Science" project. The third party evaluator must not be involved in the conduct of the demonstration. The evaluation of the students in both institutes in the summer of 1997 will be completed by the end of the project period. It should focus on the students' plans for the implementation of the program and principles.

Statutory Authority

The Head Start Act, as amended, 42 U.S.C. 9801 et seq.

D. Project Period and Funding

A total of approximately \$550,000 in ACF funds will be available to fund the demonstration project for a 24 month period. Applicants must propose how much will be needed for each 12 month period of the project.

The grantee must provide at least 20 percent of the total cost of the project. The total approved cost of the project is the sum of the ACF share and the non-Federal share. The non-Federal share may be met by cash or in-kind contributions, although applicants are encouraged to meet their match requirements through cash contributions. Therefore, a project requesting \$550,000 in Federal funds (based on an award of approximately \$275,000 per budget period) must provide \$137,500 in cash or in-kind contributions (20% of total project costs of \$687,500).

E. Eligible Applicants

Applicants must be either two year or four year institutions of higher learning which are colleges or universities, private or public, having the capability to create, demonstrate and evaluate a summer institute prototype.

Part II Special Requirements

A. Colleges and universities are eligible to apply for these funds. The college or university must also be able to award college credit to Head Start staff that successfully complete the summer program.

B. The project should be directed toward Head Start teachers, teachers' assistants and/or home visitors.

C. Funds may be used for university operating expenses and related costs. Related costs include such activities as planning and development costs, administration, supplies, insurance, university staff salaries, training provided at Head Start events and the third party evaluation.

D. The university or college institute teaching team will be comprised of individuals with knowledge of science, adult learning, and early childhood education.

Part III Specific Responsibilities of the Applicant

When submitting an application under this announcement, applicants should include a maximum of 50 typed, doubled-spaced pages. Applicants interested in submitting an application for the training prototype must:

A. Describe the design of the project. Include a description of how the summer institutes will address the unique needs of teachers, teacher assistants and/or home visitors.

- B. Provide a sample curriculum for the summer institute participants based on content and approach which will help increase participants' knowledge of science, increase their understanding and skills regarding how to create classroom environments, and capitalize on the out-of-doors and family settings as areas of scientific exploration and learning.
- C. List projected field experiences appropriate to the location of the college and Head Start programs. These may include trips to the ocean, visiting a quarry, aquarium, desert, nature trail, or wild life reserve. Information submitted should include the total number of hours of the institute program including a breakout of instruction vs. field trip experiences.
- D. Describe a plan for how many participants will be included in each summer program and how these participants will be recruited.
- E. Describe what provisions will be made for residential, intensive summer institutes for Head Start teachers, teacher assistants, and/or home visitors.
- F. Describe provision of materials, lunch and snacks, stipend or reimbursement, transportation to field activities, and entry fees.
- G. Describe the college credit to be awarded for work completed during the summer institute and for implementing new knowledge and practice back at local programs.
- H. Describe the plan for the extension of the summer institute into Head Start settings and the provision of on-site feedback and ongoing support for adults applying their new skills.

I. Explain the criteria and the approach to be used to recruit, fund,

and mentor another college for the second year of the project.

J. Develop an evaluation of the project to determine the effectiveness of the project. Describe the research questions to be addressed. Describe the evaluation that would be implemented, including the outcomes that would be measured, the evaluation design to be employed, and how the data will be analyzed. The evaluation should also include an analysis of the second summer institutes. The project and the evaluation will be completed by the end of the project period.

K. Provide a description of the qualifications of each key staff member including the third-party evaluator (the evaluator cannot be a member of the demonstration project staff). Include copies of their curriculum vitae.

L. Describe a plan to establish a self sustaining project, since this will be a prototype other colleges and universities may want to adapt. It is expected that the applicant may pay for more activities and services during the first year; however, attempts should be made to run a more self supporting program by year two. Outside resources or Head Start grantees that see these services as a priority can support some of the cost of the training.

Part IV Evaluation Criteria

In consideration of how applicants will meet the requirements and responsibilities addressed under Parts II and III of this announcement, competing applications from colleges and universities will be reviewed and evaluated against the following criteria.

A. Objectives and Need for Assistance (15 points).

The extent to which the applicant identifies any relevant economic, social, financial institutional or other problems requiring a solution: demonstrates the need for the assistance: and states the principal and subordinate objectives of the project. Supporting documentation or other testimonies from concerned interests other than the applicant on the need for assistance may be used.

Identify the precise location of the project and the area to be served by the proposed project. Maps and other geographic aids may be attached.

Information provided in response to the following items under "Specific Responsibilities of the Applicant" will be used to review and evaluate applicants on this criterion: Letters A,C,D.

B. Results or Benefits Expected (15 points).

The extent to which the applicant identifies the results and benefits to be derived which are consistent with the