Albany Chapter of Sigma Xi K-12 Grants-in-Aid

Spring 2007 Announcement

The Albany Chapter of Sigma Xi (the Scientific Research Society) is pleased to announce the availability of Grants-in-Aid Awards that may be used to support scientific investigation in any field of science and mathematics. Money will be available for the 2007-2008 school year. A selection committee reviewing applications is looking for "innovative projects that enhance K-12 science/math education in the school and/or school district." Grants may be up to $500. Teachers may use the funding to pay for travel expenses to and from a research site, for a science/math education workshop or for purchase of non-standard laboratory equipment necessary to complete a specific classroom or individual student research project.

See http://www.cs.albany.edu/~sigmaxi for additional forms and future announcements.

GUIDELINES FOR THE ALBANY CHAPTER GRANTS-IN-AID OF RESEARCH PROGRAM (SUBMISSION DEADLINE: April 1, 2007)

ELIGIBILITY REQUIREMENTS
1. Only individuals teaching science/mathematics in grades K-12 at middle school and high school levels in public schools, private schools, or laboratory (this is defined as someone who teaches science/math at least 50% of the time--at least two classes a day) may apply.
2. Applicants must have at least 3 years science/math teaching experience.
3. There are no citizenship restrictions. Visiting international teachers may apply.

GENERAL INFORMATION
1. Funding may be used for (so long as it is directly related to science education and it is approved by our review committee):
   • Purchase of specific equipment/materials necessary to undertake a proposed research student/classroom project.
   • Travel to and from a research site (if project involves a lab or industry mentor).
   • Expenses for active participation in a science/math education workshop which will enhance classroom science/math teaching.
   • Computer equipment and/or software to enhance science/math teaching or research.
   • Manuscript preparation and publication costs.

   Detailed budget justification should be provided for any of the items listed.

2. For the benefit of the Albany Chapter of Sigma Xi, the recipient, upon completion of the project, will contribute the following:
   • Attend and present a poster session presentation at the Albany Chapter of Sigma Xi poster session meeting before or during the 2007-2008 academic year.
   • Send a typed report of the completed project to the local chapter president, Prof. Andrew Haas, Associate Professor of Computer Science, LI-67A, Univ. at Albany, 1400 Washington Ave, Albany, NY 12222 by January 31, 2008.
APPLICATION for GRANT-IN-AID

Albany Chapter of Sigma Xi

APPLICATION PACKET: (application forms may be duplicated to make additional copies)
Information is requested to be typewritten/printed. Send 3 copies of the completed form and
proposal to the Sigma Xi Grant-in-Aid Selection Committee, c/o Prof. Andrew Haas,
Albany Chapter President, CS Dept, LI-67A, 1400 Washington Ave, Univ. at Albany, NY
12222. Deadline for submission: April 1, 2007

Title of your Proposal_______________________________________________________
Science or Math Subject____________________________________________________
Name Last________________________________First________________Middle_____
Address Line 1________________________________________________________________
Address Line 2________________________________________________________________
City____________________________State______________Zip code________
Date of Birth mo_______day ______yr ______
Telephone day (____)__________________evening (____)________________
FAX (OPTIONAL) _______________EMAIL:________________________________
Your state (country or province if not USA) of legal residence____________________

Name of school where grant would be used____________________________________
Present position at school___________________________________________________
Number, and subjects and grade levels of your current science/math
teaching____________________________________________________________________
___________________________________________________________________________
Current average enrollment in your classes and or laboratory sections ____________

What type of New York State certificate do you hold for classroom science/math teaching?
(e.g. Provisional, Initial, Permanent…) _________________________________
What are the subject areas of your certification? _______________________________
Have you completed an approved teacher education program? Yes_____ No_____

Please list the degrees you have earned (excluding high school), institutions conferring them
and graduation dates. If none please indicate “None” in the lines below
___________________________________________________________________________
___________________________________________________________________________
___________________________________________________________________________

See the instructions for the Proposal Narrative and the Recommendation Letters on the
next page.
GRANT PROJECT PROPOSAL: (to be completed on separate pages and attached to the application form. This part of the application must be typed.)

1. Proposal Title: on cover page

2. Description of project: present a brief, specific narrative of your project. MAXIMUM WORD LIMIT OF 500 words (exclusive of charts, graphs, figures, footnotes or spreadsheets, which may also be included). If funds are to be used for a science/math WORKSHOP your narrative must include the workshop title, sponsoring agency, location, dates and description of workshop, a description of how this will contribute to your classroom science/math teaching and will support specific learning objectives for your students.

3. Budget: On a separate sheet, present your budget, ITEMIZED WITH JUSTIFICATION FOR EACH AMOUNT (e.g. 200 mile travel to site at .37 per mile or 7x-45x trinocular stereo zoom boom microscope, $695 from The Microscope Store, Rocky Mount Virginia, or Antibody Type 1 Anti-collagen (for use in immunoprecipitation…….). Please give company addresses/phone numbers for items over $100. Workshop requests must also include a total budget of anticipated expenses listing separately registration, travel and living expenses.

4. References: List in the space below the names and addresses of your principal or supervisor plus at least one other science/math teaching colleague, familiar with your teaching and your proposal who will submit letters of recommendation for your proposal. The deadline for receipt of these letters is also April 1, 2007. The primary reference from your principal or supervisor must address whether the project will be feasible given the support, your responsibilities and other factors at your school when combined with this proposed grant-in-aid. Please ask the referees to provide their letters on school letterhead, to enclose the letter in an envelope, seal it, sign their name to the back flap of the envelope, and either return it to you to be included in the entire packet or mail it directly to the address at the beginning of the application, or email it directly to haas@cs.albany.edu.

1. (primary) NAME______________________ Title/Position __________________________
   Address ___________________________________________________________________
   City/State/Zip ____________________________________________________________
   Phone (______) ___________________ Email ___________________________________

2. NAME ___________________________ Title/Position _____________________________
   Address ___________________________________________________________________
   City/State/Zip ____________________________________________________________
   Phone (______) ___________________ Email ___________________________________

3. (optional) NAME______________________ Title/Position __________________________
   Address ___________________________________________________________________
   City/State/Zip ____________________________________________________________
   Phone (______) ___________________ Email ___________________________________

Note: Completed applications must be RECEIVED by April 1. A personal interview may be requested (if the selection committee feels it is necessary)