APPLICATION FOR ADMISSION
SUMMER SCHOLARS PROGRAM
MINERAL PHYSICS INSTITUTE
STONY BROOK UNIVERSITY

ABOUT OUR PROGRAM

Supported by an NSF Research Experience for Undergraduates (REU) grant, the Mineral Physics Institute sponsors scholarships for selected undergraduates to work at Stony Brook in a 10-week summer program of intense research. From the time of its inception in 1992 through 2002, 79 students from a variety of undergraduate major fields of study at institutions across the United States have completed individual research projects in this "Summer Scholars" program.

The diversity of scientists at the Mineral Physics Institute enables us to offer exciting projects to all student participants. (For examples of recent projects see our web site at www.mpi.stonybrook.edu/SummerScholars) Each student has the opportunity to work in our state-of-the-art laboratories and facilities including the National Synchrotron Light Source at nearby Brookhaven National Laboratory. Past students’ projects have led them to use more distant research facilities such as the Advanced Photon Source at Argonne National Laboratory and others overseas. During the ten-week program, students conduct individual result-oriented projects. Their experiences cover most of the fundamental elements of academic research including reporting of the results to other scientists.

The student-advisor relationship in the summer program is modeled after the relationship between the graduate students and their advisors in our affiliate, the Department of Geosciences at Stony Brook University. Thus, students are given individual projects and a good deal of independence and responsibility. At the same time, the advisors are always available for consultation and guidance. In the first weeks of the program, the advisors spend time training the students on technique and safety. During the following weeks, the students and advisors have almost daily contact in the laboratories.

When not working in the laboratories, group housing in the Stony Brook residence halls and extracurricular activities provide for an excellent social experience as well. Extracurricular activities have included behind the scenes visits to: the American Museum of Natural History, the FBI, the Geophysical Laboratory of the Carnegie Institute, and the Smithsonian Institution. Other activities have included exploration of the upper Carmans River by canoe or kayak, fishing excursions on Long Island Sound, and attending a New York Yankees or Mets game.

FINANCIAL SUPPORT

Student participants receive a $3,500 stipend, travel allowance (up to $600) and paid housing on the University campus.

PREREQUISITES

To be eligible for this program, undergraduate students must be either U.S. citizens or permanent residents and have completed 60 academic credits or at least one half (1/2) of the total credits required for graduation. Students who will graduate prior to the start of the Summer Scholars Program are not eligible. Additionally, potential participants must have an interest in a research career in Earth Sciences, Physics or Chemistry.

APPLICATION PROCEDURE

Complete and submit this form along with college transcripts showing grades through Fall/Winter of the 2002-2003 academic year, and two (2) letters of recommendation to:

Ms. Ann Lattimore
Project Staff Assistant
Mineral Physics Institute
Stony Brook University
Stony Brook, N. Y. 11794-2100

Review of applications begins upon receipt. Selections begin by March 31st, 2003 and continue until all the Summer Scholars have been selected.

If you have any questions or need additional assistance, please call or write to:

Ms. Ann Lattimore
Tele: (631) 632-8241.
Fax: (631) 632-8140.
e-mail: ann.lattimore@notes.cc.sunysb.edu
or visit our web site at:
www.mpi.stonybrook.edu/SummerScholars
# Application for Summer Scholars Program

**Mineral Physics Institute**  
**Stony Brook University**

## Personal Information: (Please Print or Type)

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<th>Last Name</th>
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<th>Social Security Number</th>
<th>Date of Birth: <strong>/</strong>/__</th>
<th>Sex: [ ] Male [ ] Female</th>
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*Ethnicity: [ ] W=White (not hispanic)  
B=Black (not hispanic)  
A=Asian  
H=Hispanic  
I=American Indian  
N=I prefer not to answer

*Citizenship: [ ] 1 = U.S. Citizen  
2 = Non-Citizen Permanent Resident  
If U.S. Permanent Resident, indicate number and date of entry  
No._________________________Date of Entry __/__/__  
M D Y  
Place of Birth (State/Country) ___________________________

Country of Citizenship (if applicable) ___________________________

Legal Residence (State/Country) ___________________________

*Disability Information: Disabled How? ___________________________  
Disabled Facilities Required: ___________________________

*This information is required for statistical and reporting purposes. Admission to the Summer Scholars Research Program is based on the qualifications of the applicant, without regard to sex, race, age, color, creed, national origin, sexual orientation, disability, or handicap.

## Permanent Home Address:

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Country Zip Code ___________________________

State Resident County: ___________________________

Tele. No. (   )_____ - ________

Email Address ___________________________

Local or Current Address:

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<th>Street No.</th>
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Country Zip Code ___________________________

State Resident County: ___________________________

Tele. No. (   )_____ - ________

Email Address ___________________________
Name ____________________________________________

**EDUCATION:**
List in chronological order all colleges and universities attended since high school, including professional schools starting with most recent.

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<th>Institution</th>
<th>Attendance (month/year)</th>
<th>Major in major</th>
<th>Credits in major</th>
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<td>From</td>
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Overall GPA for undergraduate degree to date ____________ (Use scale of A = 4 points)

GPA for major to date ____________ Current class standing (i.e., junior or senior) ____________

Expected date of graduation ____________________________________________

**TRANSCRIPTS:**
Please arrange for a copy of your official transcript (showing grades through Fall/Winter of the 2002 academic year) to be sent to:

Ms. Ann Lattimore  
The Mineral Physics Institute  
Stony Brook University  
Stony Brook, NY 11794-2100

**RECOMMENDATIONS:**
Ask two persons, who know your academic qualifications well, to write a recommendation on your behalf using the form on page five (5) of this application. Please provide their names and addresses below.

Name ____________________________________________  Name ____________________________________________

Address ____________________________________________  Address ____________________________________________

____________________________________________________  ________________________________________________

Position ____________________________________________  Position ____________________________________________

Tele. No. (  )____ - __________  Tele. No. (  )____ - __________

e-mail: ____________________________________________  e-mail: ____________________________________________

**OTHER:**
If you have held any or now hold fellowships scholarships, other honors, or authorship, please indicate source, title and applicable dates.
Name_______________________________________________________

**PERSONAL STATEMENT:**

What would you consider your special qualifications to be, over and above those called for on the previous pages of this application, for admission to the Summer Scholars program? Discuss briefly any experience you have had in scientific research and what it has meant to you. What are your career aspirations? How will participation in this program help you realize your goals?

I hereby certify that the information given by me on this application is complete and accurate. I submit this application personally, on my own behalf and without the assistance or representation of any third party. I understand that any misrepresentation may be cause for denying admission.

**SIGNATURE OF APPLICANT_____________________________**

**DATE_____________________________**

**RETURN THIS COMPLETED APPLICATION TO:**

Ms. Ann Lattimore
The Mineral Physics Institute
Stony Brook University
Stony Brook, NY 11794-2100
LETTER OF RECOMMENDATION FOR ADMISSION
SUMMER SCHOLARS PROGRAM
MINERAL PHYSICS INSTITUTE

Name of Applicant____________________________________E-mail Address____________________________________
Current Address________________________________________________________________________________________
City_______________________________________________State_________Zip Code__________________
Country_________________________________________________Telephone__________________________
___________________________________________________________________________________________
I understand that I have the right to inspect my file upon request under the Family Education Rights and Privacy Act of 1974. I hereby DO WAIVE my right to access to this letter of recommendation.
Signature of Student_________________________________________________________________________
___________________________________________________________________________________________
Writers of letters of recommendation are requested to write a statement on this form. If additional space is needed, please attach a separate page. The screening committee is grateful for any pertinent information regarding the applicant but will particularly appreciate the writer’s opinion of the candidate’s potential ability for a career in research science. A careful discrimination between strong and weak characteristics of the candidate will be more helpful than routine praise.
___________________________________________________________________________________________
Please rate the applicant in comparison with others of his/her age and position whom you have known within the past five years. If possible, indicate the number of students with whom you are comparing him/her.

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<tr>
<th>Academic Performance</th>
<th>Upper 1% or 2%</th>
<th>Upper 10% but not upper 1% or 2%</th>
<th>Upper 25% but not upper 10%</th>
<th>Upper Half but not upper 25%</th>
<th>Lower Half</th>
<th>No Basis for Judgement</th>
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<td>Motivation for Research Career</td>
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Signature____________________________________________________Position_______________________
Printed Name____________________________________________________________________________
Address___________________________________________________________________________________
Email____________________________________________________________________________________

Return completed recommendation to:
Ms. Ann Lattimore
The Mineral Physics Institute
Stony Brook University
Stony Brook, NY 11794-2100