

# Bard

## The Admission Process

It takes more than just a quick review of grades and test scores for us to select an incoming class of men and women for whom Bard is the right choice. To assess whether a student can succeed at Bard, we consider achievement, motivation, and intellectual curiosity; we appraise the standards of the secondary school curriculum; and we carefully review application essays. We consider commitments of time and effort to classes and out-of-class activities, and we pay close attention to recommendations.

Applicants are expected to have pursued the strongest program of study their high school offers, which should include a full four-year sequence in English, social sciences, and mathematics; the study of at least one foreign language for a minimum of three and preferably four years; and four years of study in the laboratory sciences. The SAT is not required. The Admission Committee looks for evidence of ability, motivation, discipline, and love of learning.

To apply to Bard, you may use either the Bard Application for Admission (included here) or the Common Application.\* All applicants may choose the regular application process or the Early Action process. These processes are nonbinding; all accepted candidates have until the standard candidate's reply date of May 1 to respond to an offer of admission.

Early admission candidates—students seeking admission to Bard before completing secondary school—may be accepted if they have an exceptionally strong high school record and the recommendation of a guidance counselor or principal. An interview with an admission counselor is required. Early admission candidates should apply through the regular application process.

This booklet contains the following materials.

### **Application for Admission, including:**

- **School Report / Secondary School Adviser's Evaluation form**
- **Academic Reference forms [2]**
- **Transfer Candidate School Report / Dean's Evaluation form**
- **Transfer Candidate Questionnaire**

### **Supplemental Applications for:**

- **Distinguished Scientist Scholars (DSS)**

\* Many selective colleges and universities, including Bard, participate in the Common Application Program. The Common Application simplifies the college application procedure for both applicants and counselors. Instead of writing to each college for application materials and then completing several different forms, the student and his or her counselor need complete only one set of forms. This set can be photocopied and forwarded, along with the appropriate fee, as the application for admission to any of the participating colleges and universities.

# Applying to Bard

**Regular Action** A completed application and the \$50 application fee (nonrefundable) should be received by the Admission Office before January 15. First-semester senior grades must be submitted; please ask your college adviser to send a comprehensive transcript as soon as your grades are available. You will be notified of a decision in early April and have until May 1 to respond to an offer of admission. Transfer students who wish to enroll for the fall semester may apply by March 15 for notification in April. The application deadline for the spring semester is November 1.

**Early Action** Highly qualified candidates for whom Bard is a top choice are encouraged to apply for Early Action. Applications for Early Action will be accepted through November 1. Early Action candidates may apply to other colleges. Candidates will be notified in early January.

## FINANCIAL AID AND SPECIAL SCHOLARSHIP PROGRAMS

**Financial Aid** Bard requires both the Free Application for Federal Student Aid (FAFSA) and the Financial Aid PROFILE registration forms; these forms are available at secondary schools and online. Bard's code number for the FAFSA is 002671; Bard's code number for the PROFILE registration is 2037. Following are descriptions of special scholarship programs offered by Bard.

**Bard Grants** Bard College grants may come from endowed funds, designated gifts, and institutional operating funds. Once grant eligibility is established, students are automatically considered for all special College grants or scholarships for which they may be eligible. Application supplements are required for the Distinguished Scientist Scholars program (DSS) and the Trustee Leader Scholar program (TLS).

**Excellence and Equal Cost Program (EEC)** Public high school seniors whose cumulative GPA is among the top 10 in their graduating class are eligible for a four-year EEC scholarship. This program is designed to assist students who would not otherwise be able to attend a private college or university because of its cost. As many as 30 first-year students are selected annually to receive EEC scholarships: they attend Bard for what it would cost them to attend an appropriate four-year public college or university in their home state.

**Distinguished Scientist Scholars Program (DSS)** Each year 10 to 20 four-year scholarships up to full tuition are available for students who are committed to majoring in biology, chemistry, physics, computer science, or mathematics. Recipients of the scholarships also may receive a \$1,500 stipend for summer research projects following their sophomore and junior years.

**New Generations Scholarship** These scholarships are awarded on the basis of merit to students who demonstrate intellectual curiosity, enthusiasm, and a commitment to excellence, and whose mother and father were born abroad and emigrated to the United States not more than 20 years ago. The goal of the scholarships is to open the door to a liberal arts education for recent immigrants. These full-need scholarships will be available to approximately 20 students each year. Both those born abroad and those born in the United States to immigrant parents are eligible.

**Higher Education Opportunity Program (HEOP)** Bard participates in the New York State Higher Education Opportunity Program (HEOP), which offers support services to meet the needs of students who are economically and academically disadvantaged. Students receive counseling and tutoring in addition to financial assistance. Accepted students must attend the summer program prior to their first year. All applicants must be residents of New York State and should check the HEOP box located under Applicant Status on the Bard application.

## CAMPUS VISITS

Applicants who are able to visit Bard may tour the campus and participate in an information session in order to learn about the facilities and the curriculum. Appointments for visits may be arranged at least one week in advance through the Admission Office (phone: 845-758-7472; fax: 845-758-5208; e-mail: [admission@bard.edu](mailto:admission@bard.edu)). Please note that because students are on campus to attend Bard's required first-year Workshop in Language and Thinking, August is a good time to visit. Prospective students are encouraged to contact the Admission Office if they have particular questions or concerns. Bard students originate from all 50 U.S. states and as many countries; therefore, interviews are not required.

# About Bard College

Bard College and its affiliated institutions grant the following degrees: B.A., B.S., a five-year B.M./B.A. degree from the Bard College Conservatory of Music, a five-year B.S./B.A. degree in economics and finance, M. Music, M.A.T., M.F.A., M.S. in environmental policy, and M.A. in curatorial studies at the Annandale campus; A.A. at Bard High School Early College, a New York City public school; A.A. and B.A. at Bard College at Simon's Rock: The Early College in Great Barrington, Massachusetts; B.A. at Smolny College, a joint program with Saint Petersburg State University, Russia; M.A. and Ph.D. in the history of the decorative arts, design, and culture at the Bard Graduate Center in Manhattan; and M.F.A. in photography at the International Center of Photography–Bard Program in Advanced Photographic Studies in Manhattan.

Bard's global outlook starts on campus, where the students, many on scholarship, come from 50 states and nearly 50 countries. International students make up approximately 14 percent of the student body, contribute important insights, fully participate in the life of the College, and often initiate projects that bring a fresh, different perspective to the academic dialogue. Almost every region of the world is represented in Bard's faculty, whose countries of origin include Nigeria, France, Brazil, Russia, China, and Greece, to name just a few. Bard's global offerings—internships, study abroad programs, virtual classrooms, research projects and opportunities, and collaborations with other institutions—extend to every program in the College's liberal arts curriculum.

Situated on more than 500 acres along the Hudson River, on the grounds of two historic riverfront estates, the main campus of Bard is 90 miles north of New York City. Bard's total enrollment exceeds 2,600 students. The undergraduate College, founded in 1860, has an enrollment of approximately 1,400 and a student-to-faculty ratio of 8:1. The College offers more than 40 academic programs. Applicants are encouraged to pursue the strongest program of study that their high school offers, which should include a full four-year sequence in English, social studies, and mathematics; the study of at least one foreign language for a minimum of three and preferably for four years; and four years of study in the laboratory sciences. Admission is highly selective; in recent years the College has received 10 applications for each place in the entering first-year class.

# Application for Admission

For term beginning:     Fall     Spring    Year \_\_\_\_\_

Applicant status:     First-year student     Transfer student     Return to College student  
 Conservatory of Music  
 Early Action candidate (application deadline November 1)  
 HEOP candidate (New York State residents only)

## PERSONAL DATA

Legal name \_\_\_\_\_  
Last First Middle

If you prefer to be called by another name, please note \_\_\_\_\_ Gender

Home address \_\_\_\_\_  
Street Apt. City

County State Zip

Phone Fax E-mail

Mailing address (if different from above) \_\_\_\_\_  
Street Apt. City

County State Zip

Phone Fax E-mail

Date of birth (month/day/year) \_\_\_\_\_ Place of birth

Social Security number \_\_\_\_\_

Citizenship:  U.S.     Other\*     Dual (U.S. and Other\*)     U.S. Permanent Resident Visa (green card)

\*Other country of citizenship \_\_\_\_\_ First language, if other than English

Ethnic or racial heritage (optional) \_\_\_\_\_

## EDUCATIONAL DATA

School you now attend \_\_\_\_\_

ACT/CEEB number \_\_\_\_\_

School address \_\_\_\_\_  
City State Zip

School phone \_\_\_\_\_ School fax

Expected year of graduation \_\_\_\_\_ Type of school (public, private, parochial)

Secondary school adviser (name and title) \_\_\_\_\_



List all other secondary schools, including summer schools, programs, and institutes, attended since the eighth grade (include school names and addresses and dates of attendance).

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List all colleges at which you have taken courses for credit (include school names and addresses, degrees obtained, and dates of attendance). Please have a transcript sent from each institution as soon as possible. If you have been out of school, describe your recent activities. Attach additional sheets if necessary.

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List academic interests and career or professional aspirations. (Please note whether you are a transfer student; if so, note your intended academic major.)

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**FAMILY**

**Parent 1** Full Name

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Gender  Male  Female Living  Yes  No Place of birth

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Home address (if different from yours)

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Occupation (include title and organization)

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College attended/Degree and year of graduation

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Graduate school attended/Degree and year of graduation

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**Parent 2** Full Name

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Gender  Male  Female Living  Yes  No Place of birth

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Home address (if different from yours)

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Occupation (include title and organization)

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College attended/Degree and year of graduation

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Graduate school attended/Degree and year of graduation

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Parents' marital status

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If you do not live with both parents, with whom do you make your permanent home?

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List names and ages of your brothers and sisters. If they attended college, list the institutions, degrees obtained, and dates of attendance.

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**ACADEMIC HONORS**

Describe any academic honors you have received or distinctions you have attained.

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List any standardized test scores (*optional*).

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**EXTRACURRICULAR ACTIVITIES**

Activity	Year(s) of participation	Position held	Plan to continue in college
<hr/>			<input type="checkbox"/> Yes <input type="checkbox"/> No
<hr/>			<input type="checkbox"/> Yes <input type="checkbox"/> No
<hr/>			<input type="checkbox"/> Yes <input type="checkbox"/> No
<hr/>			<input type="checkbox"/> Yes <input type="checkbox"/> No
<hr/>			<input type="checkbox"/> Yes <input type="checkbox"/> No
<hr/>			<input type="checkbox"/> Yes <input type="checkbox"/> No

**EMPLOYMENT / VOLUNTEER WORK**

List any jobs you have held during the past three years, including summer employment. (Note the specific nature of the work, names of employers, dates of employment, and hours worked per week.)

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Briefly describe extracurricular or work activities that have had significant meaning for you, and why.

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Every student has individual habits of study, patterns of development, and occasional difficulties. What can you tell us about yourself in this regard? (*Note: Your comments should be in your own handwriting.*)

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**PERSONAL STATEMENTS**

Please attach your responses to *each* of the following on separate sheets:

1. Write an essay on a personal, local, or national issue that is of particular concern to you. (DSS applicants, see supplement.)
2. Choose one of the following:
  - a) In the wake of the wars in Iraq and Afghanistan, the possibility of requiring universal military service through a draft has once again come under consideration. Write an essay arguing your position, for or against the draft. Your argument may or may not include a discussion of a system of national service that extends beyond military service. Please note, this is not a litmus test regarding political views; Bard seeks diversity and originality, not conformism.
  - b) If you were given a grant to research a scientific or medical issue that you deem important to the world, what would it be, why did you choose it, and what kind of research do you think has the greatest chance of being productive?
  - c) Write an essay defending the role and place of the arts, especially those forms that are not commercial in our society. In answering this question, feel free to focus on one particular art form.
  - d) Submit a graded paper (a thousand words or less) written in your junior or senior year.

*If using the Common Application or Universal College Application, please submit your response to question 2 (above) as your supplemental essay.*

My signature indicates that all the information contained in my application is factually correct and honestly presented.

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Signature

Date

# School Report

## Secondary School Adviser's Evaluation

*Note:* This form must be submitted by transfer applicants who will have completed less than two full years of college at the time of their matriculation at Bard.

### APPLICANT

After filling in your name and address below, give this form to your college adviser.

Applicant Status:    First-Year    Transfer    Early Action    HEOP (NY State only)

Date \_\_\_\_\_

Applicant's Name \_\_\_\_\_  
Last First Middle

Address \_\_\_\_\_  
Street Apt. City

County State Zip

### SECONDARY SCHOOL COLLEGE ADVISER

After completing this section, please use the back of this form to describe the applicant.

Applicant's class rank \_\_\_\_\_ Total number of students in class \_\_\_\_\_  
If a precise rank is not available, please enter approximate rank.

Is this rank weighted? \_\_\_\_\_ The rank covers a period from \_\_\_\_\_ to \_\_\_\_\_

The applicant's course selection is    most demanding    very demanding    average    less than demanding

What percentage of the graduating class plans to attend college? \_\_\_\_\_

What form of scheduling (e.g., block, trimester) does the school use? \_\_\_\_\_

How long and in what context have you known the applicant? \_\_\_\_\_

Has the applicant ever been on academic or social probation? (If yes, please describe.) \_\_\_\_\_

Adviser's name and position \_\_\_\_\_

School name \_\_\_\_\_

ACT/CEEB number \_\_\_\_\_ School phone \_\_\_\_\_ School fax \_\_\_\_\_

School or adviser e-mail \_\_\_\_\_

**Important** Please attach and forward as soon as possible a legible copy of the applicant's official transcript, including courses in progress; both a midterm and a final transcript are required. Include, if available, a school profile and transcript legend.

**EVALUATION**

We are particularly interested in evidence of the applicant’s love of learning and special talents.  
We welcome information that will help us to distinguish this student from others.

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Every student has individual habits of study, patterns of development, and occasional difficulties.  
What can you tell us about the applicant in this regard?

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What are the first words that come to mind to describe the applicant?

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	No basis	Poor	Average	Very good	Excellent	Comments
Creative thinking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<hr/>
Motivation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<hr/>
Independence, initiative	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<hr/>
Intellectual ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<hr/>
Academic achievement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<hr/>
Written expression of ideas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<hr/>
Effective class discussion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<hr/>
Disciplined work habits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<hr/>
Potential for growth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<hr/>
Summary evaluation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<hr/>

**Confidentiality** We value your comments highly and ask that you complete this form with the knowledge that it may be retained in the student’s file should the applicant matriculate at this college. In accordance with the Family Educational Rights and Privacy Act of 1974, matriculating students have access to their permanent files, which may include forms such as this one. Colleges do not provide access to admission records to applicants under consideration, those who are denied admission, or those who decline an offer of admission.

Signature

Date

# Academic Reference

**To the applicant** Complete the section immediately below and give this form, along with a stamped envelope addressed to the Bard Office of Admission, to a teacher of an academic class you have taken in your junior or senior year. If you are a transfer student, give the form to a college faculty member whose course you have taken recently.

## APPLICANT

Date \_\_\_\_\_

Applicant's name \_\_\_\_\_

Last

First

Middle

Address \_\_\_\_\_

Street

Apt.

City

County

State

Zip

School you now attend \_\_\_\_\_

Address \_\_\_\_\_

**To the instructor** The student named above is applying for admission to Bard College. The Admission Committee finds candid evaluation helpful in choosing from among highly qualified candidates. This form or another reference you may have prepared on behalf of this student is acceptable. Thank you for your assistance.

After completing this form, please return it (or another reference you may have prepared on behalf of this student) to the Admission Office in the envelope provided to you by the applicant.

## BACKGROUND INFORMATION

How long have you known the applicant? \_\_\_\_\_

Please list the courses you have taught this applicant (include years in which the courses were taught). \_\_\_\_\_

Instructor's name and position \_\_\_\_\_

Phone \_\_\_\_\_

E-mail \_\_\_\_\_

## EVALUATION

Please assess this applicant's love of learning, capacity for independent work, and contribution to class discussions, keeping in mind that Bard classes are typically small (seminars and tutorials).

**Bard**

Office of Admission, PO Box 5000, Annandale-on-Hudson, NY 12504-5000

Phone 845-758-7472 Fax 845-758-5208 E-mail [admission@bard.edu](mailto:admission@bard.edu) Website [www.bard.edu](http://www.bard.edu)



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## APPLICANT

Date \_\_\_\_\_

Applicant's name \_\_\_\_\_

Last

First

Middle

Address \_\_\_\_\_

Street

Apt.

City

County

State

Zip

School you now attend \_\_\_\_\_

Address \_\_\_\_\_

**To the instructor** The student named above is applying for admission to Bard College. The Admission Committee finds candid evaluation helpful in choosing from among highly qualified candidates. This form or another reference you may have prepared on behalf of this student is acceptable. Thank you for your assistance.

After completing this form, please return it (or another reference you may have prepared on behalf of this student) to the Admission Office in the envelope provided to you by the applicant.

## BACKGROUND INFORMATION

How long have you known the applicant? \_\_\_\_\_

Please list the courses you have taught this applicant (include years in which the courses were taught). \_\_\_\_\_

Instructor's name and position \_\_\_\_\_

Phone \_\_\_\_\_

E-mail \_\_\_\_\_

## EVALUATION

Please assess this applicant's love of learning, capacity for independent work, and contribution to class discussions, keeping in mind that Bard classes are typically small (seminars and tutorials).

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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Phone 845-758-7472 Fax 845-758-5208 E-mail [admission@bard.edu](mailto:admission@bard.edu) Website [www.bard.edu](http://www.bard.edu)



# Transfer Candidate School Report / Dean's Evaluation

## APPLICANT

After filling in your name and address below, please give this form, along with a stamped envelope addressed to the Bard Office of Admission, to the dean of the college you have most recently attended.

Date \_\_\_\_\_

Applicant's name \_\_\_\_\_

Last

First

Middle

Address \_\_\_\_\_

Street

Apt.

City

State

Zip

## DEAN

Name \_\_\_\_\_

Title \_\_\_\_\_

School name \_\_\_\_\_

School address \_\_\_\_\_

School phone \_\_\_\_\_

School fax \_\_\_\_\_

E-mail \_\_\_\_\_

## BACKGROUND INFORMATION

How long have you known the applicant? \_\_\_\_\_

In what context do you know the applicant? \_\_\_\_\_

Has the applicant ever been on academic or social probation? (If yes, please describe below.) \_\_\_\_\_

Is the applicant currently in good academic and social standing? (If no, please describe below.) \_\_\_\_\_

In your opinion, why is the applicant transferring? \_\_\_\_\_

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Website [www.bard.edu](http://www.bard.edu)

Students have individual habits of study, patterns of development, and occasional difficulties.  
What can you tell us about the applicant in this regard?

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What portion of the requirements for graduation from your institution will the applicant have completed at the time of the proposed transfer? (Please indicate class level or credits.)

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Do you recommend this student for transfer admission to Bard College?

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Please provide any additional insight you may have about this applicant that may aid us in our decision.  
Use additional sheets if necessary.

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**Confidentiality** We value your comments highly and ask that you complete this form with the knowledge that it may be retained in the student's file should the applicant matriculate at this college. In accordance with the Family Educational Rights and Privacy Act of 1974, matriculating students have access to their permanent files, which may include forms such as this one. Colleges do not provide access to admission records to applicants under consideration, those who are denied admission, or those who decline an offer of admission.

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Signature

Date

# Transfer Candidate Questionnaire

*Due to the distinctive curriculum, particularly Moderation and the Senior Project, transfer students should expect to spend three years at Bard.*

## APPLICANT

Please submit this form with your application.

Name \_\_\_\_\_

Date \_\_\_\_\_

**A.** List below as many reasons as you wish for seeking transfer from your current college. Rate the importance (1 = slightly important, 5 = extremely important) of each reason by circling one number.

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

4. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

5. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

6. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

7. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

**B.** List below as many reasons as you wish for applying to Bard College at this time. Rate the importance (1 = slightly important, 5 = extremely important) of each reason by circling one number.

1. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

2. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

3. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

4. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

5. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

6. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5

7. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ 1 2 3 4 5



# Opportunities in the Sciences

## **THE BARD ROCKEFELLER SEMESTER IN SCIENCE IN NEW YORK CITY**

The Bard-Rockefeller Semester in Science in New York City (BRSS) is a one-semester program designed for advanced science students, particularly in the fields of neuroscience, biochemistry, molecular biology, developmental biology, biophysics, and genetics. Students spend a semester in New York City working in the laboratory with faculty from Rockefeller University (RU) and taking specially designed classes at RU and at Bard's Globalization and International Affairs Program in New York City. BRSS takes place in the spring semester, students apply to BRSS in early fall and decisions are made by late fall.

## **THE LABORATORY FOR ALGEBRAIC AND SYMBOLIC COMPUTATION**

The Bard College Laboratory for Algebraic and Symbolic Computation is committed to the advancement of the state of mathematical knowledge through computing. The ASC Lab's goal is to extend the capabilities of existing theorem provers, model searchers, and computer algebra systems through improved connectivity and knowledge management. Current domains of interest include universal algebra and the constraint satisfaction problem. At ASC, Bard faculty, students, and staff work together to produce new theorems and algorithms, solve intricate problems within metadata design, and develop websites that integrate several complex software systems.

## **RESEARCH EXPERIENCE FOR UNDERGRADUATES (REU) AND SUMMER UNDERGRADUATE RESEARCH FELLOWS PROGRAM (SURF)**

The federally funded REU program offers students the opportunity to participate in research at various institutions across the country. Many recent Bard science and mathematics students have applied successfully for places in this highly competitive national program. They have spent their summers in REU programs at Harvard University, Stanford University, University of Minnesota–Duluth, Los Alamos National Laboratory, and many other institutions. Also, Rockefeller University reserves places for qualified Bard students in its Summer Undergraduate Research Fellows (SURF) program.

## **FIELD ECOLOGY RESEARCH OPPORTUNITIES**

Located on campus at the conjunction of the Hudson River and the Saw Kill, the Bard College Field Station affords research and teaching access to freshwater tidal marshes and the Hudson River National Estuarine Reserve of the Tivoli Bays. A library, herbarium, laboratories, classroom, and offices are open to undergraduate and graduate students and faculty. Hudsonia Ltd., a nonprofit institute for environmental research and education, is also based at the field station. Campus employment and internships are available through these organizations. The Institute of Ecosystem Studies (IES), in nearby Millbrook, New York, offers additional opportunities for undergraduates to pursue ecological research through laboratory and field work. The IES also offers REU positions for Bard students.

## **IMMEDIATE SCIENCE RESEARCH OPPORTUNITY PROGRAM (ISROP)**

At Bard, we believe that science is learned best through the experience of doing research. For this reason, we offer research opportunities available to ambitious Bard students throughout their college careers. As early as their first year, students can participate in the Independent Science Research Opportunity Program (ISROP). Students in ISROP conduct research with faculty for a semester or more of the academic year. Four students in the 2007–08 program, for example, are working with Professor Mike Tibbetts to investigate the biology of the NMDA receptor in zebrafish. Three other students are working with Professor Felicia Keesing to study interactions between an invasive plant species, a fungus that can kill ticks, and a disease transmitted by those ticks. For more information about this program contact Professor Mike Tibbetts.

## **COMPUTER SCIENCE AND MATHEMATICS**

Students and faculty in computer science regularly attend the annual meeting of the Consortium for Computing Sciences in Colleges, eastern region, and students participate in the programming conference at the conference. Also, students participate in the Association for Computing Machinery's International Collegiate Programming Contest. Each year students in mathematics participate in the William Lowell Putnam Competition. The Hudson River Undergraduate Mathematics Conference is held each spring and is always well attended by students and faculty in mathematics.

**Neuroscience:** Courses in the field of neuroscience are taught primarily in the Psychology Program, with some additional research participation by biology faculty. Students interested in neuroscience research can help design and conduct laboratory projects in developmental psychopharmacology, neurochemistry, neuroanatomy, and/or neurobehavioral teratology.

**Engineering 3-2 Program:** Students wishing to pursue a degree in engineering can spend three years studying science at Bard, then transfer for two additional years to the School of Engineering at Columbia University, Washington University in St. Louis, or Dartmouth College. After five years students receive a B.A. from Bard and a B.S. from the other institution.

**Environmental Policy 3-2 Program:** Qualified students can proceed directly from three years of undergraduate study at Bard to a two-year program leading to a master of science degree from the Bard Center for Environmental Policy.

# Distinguished Scientist Scholars Program (DSS)

supplement

The Distinguished Scientist Scholars program awards scholarships to students concentrating in natural science or mathematics. Up to 10 four-year, full-tuition DSS scholarships are awarded per year. Transfer students are also eligible for partial DSS funding. High school students and transfer students committed to majoring in science, computing science, or mathematics are encouraged to apply. Students are eligible for additional financial aid on the basis of need. To continue in the DSS program a student must maintain a grade point average of 3.3 or better and moderate into the Division of Science, Mathematics, and Computing. A student who decides to major outside this division or whose grade point average falls below the required 3.3 may continue studies at the College under the academic and financial aid requirements that pertain to Bard students in general.

Desirable experiences for selection as a DSS scholar include some, but not necessarily all, of the following.

- Competitive grades in advanced science and mathematics courses in high school
- Independent work in science or mathematics in the form of a special project
- Participation in intensive summer programs in science or mathematics
- High scores on science or mathematics Achievement Test or Advanced Placement Test
- Field or laboratory research experience in an academic or industrial setting

Applications are reviewed by the Division of Science, Mathematics, and Computing faculty. Participants are selected on the basis of the criteria listed above and any supplemental materials the applicant wishes to submit. One of the two required Academic Reference forms must be filled out by one of your science, mathematics, or computer instructors. Include the name of that instructor on this application.

On separate sheets write about a stimulating and enjoyable experience you have had in science, mathematics, or computing. This might be a course you took, an experiment you performed, a book or article you read, a program you attended, a theorem you proved, or a problem you solved. This essay may replace Personal Statement #1 on the Bard Application or the Common Application Essay.

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First-year student for the term beginning  Fall  Spring Year \_\_\_\_\_

Legal name

Last

First

Middle

Date of birth

Gender

E-mail

Country of legal residence

Permanent home address

Street

Apt.

City

State

Zip

Please indicate your area(s) of interest (check one or two):

- Biology  Chemistry  Physics  Computer Science  Mathematics

Name of academic reference in science/mathematics

Address

Office phone

E-mail

Please include this supplement with your Application for Admission.

My signature indicates that all the information contained in my application is factually correct and honestly presented.

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Signature

Date