

**Please note the following
deadlines:**

Hudson River Research Grant
Preproposals:
Tuesday, September 30, 2008

Hudson River Research Grant
Full Proposals:
Tuesday, December 9, 2008

Tibor T. Polgar Fellowship
Proposals:
Monday, February 23, 2009

Graduate Fellowship Proposals:
Monday, March 23, 2009

HUDSON RIVER FOUNDATION

FOR SCIENCE AND
ENVIRONMENTAL
RESEARCH

Hudson River Fund: Call for Proposals

2009

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THE HUDSON RIVER FOUNDATION

The Hudson River Foundation supports scientific and public policy research, education, and projects to enhance public access to the Hudson River. The Foundation was established in 1981 under the terms of an agreement among environmental groups, government regulatory agencies and utility companies seeking the constructive resolution of a long series of legal controversies concerning the environmental impacts of power plants on the Hudson River.

The Foundation's principal endowment is the **Hudson River Fund**, which was created in recognition of the critical need for an independent institution to sponsor scientific research programs that would contribute to the development of sound public policy concerning the River's ecological system. The Hudson River Fund received its initial endowment of \$12 million in 1982. The Fund, which has since more than tripled in value, has enabled the Foundation to award over 700 grants and fellowships totaling approximately \$34.8 million to date.

In 1985, New York State provided \$1.5 million to the Hudson River Foundation to establish the **Hudson River Improvement Fund** to support projects to enhance public use and enjoyment of the River's natural, scenic and cultural resources. The emphasis of the Improvement Fund is on physical projects requiring capital construction, development, or improvement. Since its inception, the Improvement Fund has awarded 570 grants, totaling approximately \$5 million. The funding priorities have included support for parkland on the River, docks and shoreline projects enhancing public access, riverfront facilities dedicated to Hudson River education, and restoration and preservation of Hudson River lighthouses. Additional information about the Hudson River Improvement Fund and application guidelines for its grant cycles can be obtained from the Foundation.

In 1994 the Foundation established a third fund, the **New York City Environmental Fund** (NYCEF), whose purpose is to foster "restoration, care, public enjoyment of, and education about New York City's natural resources." An initial endowment of \$5 million was provided by the Consolidated Edison Company under the terms of an agreement between Consolidated Edison and the New York State Department of Environmental Conservation. Subsequently, over \$2 million has been added to the fund through agreements between DEC and the City of New York. To date, NYCEF has awarded 681 grants, totaling \$8.75 million, to environmental and community groups in New York City and Westchester County. Additional information about this fund and its grants program can be obtained from the Foundation.

HUDSON RIVER FUND GRANTS

The purpose of the Hudson River Foundation is to make science integral to decision-making with regard to the Hudson River and its watershed and to support competent stewardship of this extraordinary resource. The programs of the Hudson River Fund pursue this mission by providing leadership and support for an integrated program of research, monitoring, modeling, synthesis, and education related to the management of the resources of the Hudson River.

Under the terms of the Settlement Agreement that established it, the Hudson River Fund is dedicated to supporting

“scientific, ecological, and related public policy research on issues and matters of concern to the Hudson River, its tributaries and its drainage basin, with emphasis given, but not limited to, mitigating fishery impacts caused by power plants, providing information needed to manage the fishery resources of the Hudson River, understanding the factors related to the abundance and structure of fish populations, and gaining knowledge of the Hudson River ecosystem.”

The geographical area of primary interest is the estuarine portion of the River (the mouth of New York Harbor to the Troy Dam, including the waterways and tributaries to the Harbor). However, the Foundation will consider proposals related to any part of the watershed or nearby coastal areas. Such areas are defined as those that either serve as seasonal habitats for biota of the estuary or influence the physical, chemical, or biological characteristics of the estuary in other ways.

Although the central purpose of the Hudson River Fund is to sponsor research in the natural sciences and public policy, the Foundation also assists in the coordination of research concerning the Hudson River system and promotes efforts leading to improved management policies. The Foundation seeks to advance understanding of the issues affecting the River by supporting the dissemination of information gained through Foundation-funded research programs and through other sources. The Foundation sponsors workshops and conferences, bringing together authorities working within the Hudson River Valley and elsewhere to discuss scientific and public policy issues. Reports from these meetings give direction for further scientific work and improve the information used as a basis for public policy decisions.

SCIENTIFIC RESEARCH

The Foundation seeks to elucidate the dynamic interactions among the physical, chemical, and biological processes that are important to the Hudson River ecosystem. In particular, the Foundation encourages research in areas that are both scientifically important and relevant to present or anticipated public policy issues affecting the River. Recognizing that both basic and applied research are fundamental to the management of Hudson River resources, the Foundation places special emphasis on research that has clearly articulated significance for identified policy issues and is conducted in the context of other ongoing research and monitoring in the River.

Through formal scientific workshops and symposia, as well as ongoing participation in Hudson River resource management programs, including the New York State Hudson River Estuary Program, the New York/New Jersey Harbor Estuary Program and the Hudson-Raritan Ecosystem Restoration Program, the Foundation seeks to review regularly the overall status of scientific understanding of the Hudson and to identify both broad areas of research and particular scientific questions that merit attention over the next several years. The Foundation continues to believe that funding a portfolio of projects that includes basic research along with studies that address both immediate and emerging environmental policy issues is important to and eagerly sought by both the research community and the government agencies with Hudson River management responsibilities.

Moreover, through the continuing process of identifying the kinds of investigations and the range of questions that will guide the dynamic process of setting a research agenda for the Hudson, several key considerations have emerged. In undertaking a response to this Call for Proposals, researchers should keep in mind the importance of the following:

- * **Linking research results to the important management programs and public policy goals set forth in the Hudson River Estuary Management Program (<http://www.dec.ny.gov/lands/4920.html>) and the New York/New Jersey Harbor Estuary Program (<http://www.harborestuary.org/actionplan.htm>).**

These programs, established through the collective, multi-year efforts of the Hudson River Estuary scientific, environmental and management communities, provide a framework for a long-term collaboration of all stakeholders in the restoration and protection of the Hudson ecosystem. Within this overall guidance, potential investigators should also consider the value of these efforts:

- * Undertaking research initiatives to make the understandings of processes more uniform throughout the entire system, recognizing that the system functions in a continuum from fresh to saline;
- * Conducting research that supports ecosystem restoration or evaluates the effectiveness of restoration;

- * Developing and enhancing systemwide budgets and conceptual and quantitative predictive models;
- * Identifying and evaluating processes likely to be affected by climate change;
- * Exploring more thoroughly watershed connections and effects; and
- * Encouraging multi-disciplinary investigations wherever possible.

The Foundation, in concert with numerous government agencies and private institutions, recently completed the assessment phase of the Contamination Assessment and Reduction Project (CARP). CARP identified and quantified the major sources of contaminants of concern to the Hudson River Estuary, collected a wealth of data characterizing levels of contaminants in sediment, biota, water and wastewaters, and developed numerical models to simulate contaminant movement throughout the system and forecast concentrations in all media in future years. **While successfully accomplishing these tasks, CARP also identified additional research needs aimed at increasing confidence in the models, measuring progress and trends, developing new understandings of little-studied areas of the system, and improving understanding of the biological effects of contaminants, particularly related to sediment toxicity. These research needs are generally described within the *Toxic Substances and Hydrodynamics and Sediment Transport* sections below. More information about CARP can be found on the Foundation's website (www.hudsonriver.org) and on the CARP website (www.carpweb.org).**

The Foundation also welcomes research designed to compare and contrast the Hudson River with other estuarine ecosystems through literature review as well as laboratory or field experiments. (The Foundation expects multi-estuary studies involving laboratory or field experiments in systems other than the Hudson to be supported by appropriate co-funding sources.)

The Foundation continues to encourage proposals to analyze and synthesize existing data sets concerning the Hudson River in order to gain new insights about important ecosystem processes and how they may be changing over time. Numerous data sets concerning the Hudson have been generated over the past several decades, particularly through monitoring activities. Some of the monitoring programs continue today. These data provide an opportunity for much fuller analyses for which these programs were initially intended. **The newly established Hudson River Environmental Conditions Observing System (www.hrecos.org) provides a unique opportunity to understand how and why conditions are changing throughout the entire stretch of the tidal Hudson.**

The general areas of interest for scientific research to be supported by the Hudson River Fund are the following:

Resource and Other Key Species

- * The Foundation seeks research to increase understanding of the variability of spatial and temporal distributions and abundances of key organisms, both native (such as striped bass, shad, bay anchovy, smelt, menhaden, blue crab and grass shrimp) and introduced (such as carp and zebra mussels), and the processes, both natural and anthropogenic, that control them. These processes should be broadly understood to include factors both within and outside the estuary (including the interactions among resident and anadromous fishes, habitat interactions, and the impacts of coastal fisheries on Hudson River populations). The Foundation seeks proposals that address these issues, especially on a multi-species basis, and that include rationales or testable hypotheses that justify the significance of the species to be studied.

- * The Hudson River stock of American shad is in serious decline. This year New York State issued emergency regulations to reduce mortality from commercial and recreational fishing in the River. In addition, in May 2008 Governor David Patterson announced a new shad recovery plan that relies heavily on the acquisition of new scientific information about shad and other aspects of the Hudson River ecosystem. In partnership with the New York State Department of Environmental Conservation, the Foundation is reviewing and refining the recovery plan. **Specific research projects may be recommended as a result of this review and announced in a special call for proposals in the late summer or fall of 2008. Investigators interested in conducting shad-related research should consult the Foundation's web site for updates about shad research opportunities or contact the Science Director, Dr. Dennis Suszkowski (212-483-7667 or dennis@hudsonriver.org).**

Dynamics of Hudson River Trophic Webs

- * The biological and chemical processes at work in the lower food web of the Hudson are keys to the functioning of the ecosystem in ways that need further exploration. How do nutrients and carbon enter the Hudson and how are they transformed? In particular, how do the lower food web processes affect water quality and to what extent are higher trophic level species, like migratory and resident fishes, affected by the quantity and quality of carbon produced and transformed throughout the Hudson. What affects the composition and biomass of the lower food web itself, and how are the planktonic plant and animal communities changing over time? Studies that further our understanding of these processes, particularly those that will improve the predictive capabilities of numerical models, are encouraged.

Toxic Substances

- * Toxics contamination of the Hudson, particularly sediment contamination, is expected to be a major environmental, public health and economic issue for years to come. Cleanups and other remedial efforts, along with management of health risks through fishing advisories, will likely require better understandings of contaminant fate and effects, including trophic cycling. Research needs include: determining the causes of sediment toxicity; understanding how the ecosystem responds to cleanups, including evolutionary resistance; evaluating the potential impacts of *emerging* contaminants and contaminant mixtures; understanding factors and processes affecting bioaccumulation; and quantifying how chemical stressors affect fish and wildlife populations.

Hydrodynamics and Sediment Transport

- * Hydrodynamic processes are extremely important since they affect the transport of all organic and inorganic materials dissolved, suspended or swimming in the Hudson River. Several key transport processes are not well understood in the Hudson, hindering accurate predictions of the Hudson's response to natural and man-induced effects. Future research work is warranted to better understand lateral circulation, the influence of abrupt depth change and the effect of margins (e.g., wetlands, shallows, enclosed basins, etc.) on hydrodynamics, salt intrusion dynamics, and the verification of models during extreme events. Also, several geographic areas of the estuary have had little scientific investigation into their hydrodynamic characteristics and their influence on other sections of the system. These include the interconnected waterways of the lower estuary and the tidal freshwater water portion of the Hudson.
- * Sediment erosion, transport and accumulation are important ecosystem processes that also greatly affect human uses of the Hudson (e.g., navigation and contaminants in fish). While progress has been made in recent years in understanding sediment processes, there are still gaps in knowledge that limit our ability to model transport and depositional processes. Research is required to better understand both temporal and spatial variations in transport and trapping processes. More attention should be given to interannual cycles and to areas of the system like the interconnected waterways of New York Harbor, the upper limit of salt intrusion in the Hudson River (i.e., the area between Newburgh and the Tappan Zee), and the tidal freshwater portion of the Hudson.

Public Policy/Social Science Research

- * The quality of the water and preservation and enhancement of biological resources in the Hudson River are influenced significantly by the actions of federal, state, and local governments. Laws and regulations control human uses of the Hudson, and in turn, influence the River's ecology. *The Foundation invites*

studies that will, through the application of social science research, analyze public policies that have had or could have significant impacts on the natural resources of the River and seek to understand the social and economic values and other factors that shape those policies. The past and potential impacts of policies affecting the River—positive or negative, direct or indirect—include those affecting water quality, habitat, fisheries, access to the River, and public knowledge and understanding of the system. Decision analysis and system dynamics, as applied to public policy, are also areas of interest. Power generation, land use and other public policy topics that are related to the Hudson River will be considered.

THE HUDSON RIVER FUND GRANTS PROGRAMS

The Hudson River Fund makes grants in five categories: Hudson River Research Grants, Travel Grants, Expedited Grants, Hudson River Graduate Fellowships, and Tibor T. Polgar Fellowships.

HUDSON RIVER RESEARCH GRANTS

There will be one formal funding cycle in 2008-2009 for Hudson River Research Grants in the areas discussed above.

Hudson River Research Grant Policies and Application Procedures

Proposals are sought from researchers at colleges and universities; other non-profit institutions; profit-making institutions; government (local, state, and federal) agencies; and unaffiliated researchers. The Foundation prefers, but does not require, that unaffiliated researchers seek some institutional affiliation for the purpose of conducting the proposed research. There are no geographic restrictions on the location of either the investigator or the institution. Proposals seeking funding for more than two years are generally discouraged; investigators considering a longer-term project should consult with the Foundation's Science Director before submitting a preproposal.

Preproposals, full proposals and fellowship applications are to be submitted electronically. **Necessary forms and full filing instructions can be obtained from the Foundation's website, www.hudsonriver.org.**

Preproposals

A proposal for a Hudson River Research Grant must be preceded by a preproposal consisting of a cover page, project description of no more than three single-spaced pages, and an estimated budget. **An electronic copy in pdf format** of the preproposal must be submitted to the Foundation **in accordance with instructions on our website, www.hudsonriver.org, by 5:00 pm, Tuesday, September 30, 2008.** **One hard copy** of the proposal, postmarked by September 30, 2008, must also be sent to the Foundation. The preproposals will be reviewed by the

Foundation, and the applicant investigators will be notified by **Tuesday, November 4, 2008**, as to whether a full proposal should be submitted. Full proposals will be due by 5:00 pm, **Tuesday, December 9, 2008**.

Proposal Design

Full proposals should be combined into one pdf document and include the sections described below insofar as they are applicable. Standardized forms, which should be used for each application, can be found on the Foundation's website, www.hudsonriver.org.

The main body of the proposal should be as succinct as possible and no longer than 15 typewritten, single-spaced pages. However, no limits are set on appendices that support the main body of the text, as long as these materials relate substantively to ideas in the proposal. The contents should be assembled as follows:

The first section of the proposal should contain, in the order indicated:

1. *Proposal Cover Page* - The Proposal Cover Page form is provided on the Foundation's website, www.hudsonriver.org.
2. *Proposal Abstract* - A brief, topical abstract (200 words or less) must be typed on the Proposal Abstract form provided on the Foundation's website.
3. *Proposal Budget Summary* - The required Proposal Budget Summary form and instructions for completing this form can also be found on the Foundation's website. Written justifications of expenditures should be provided when special equipment items, extensive personnel, or use of facilities is involved. In the case of multi-year projects, the principal investigator must submit a separate budget for each year along with a combined budget and a proposed calendar of research activities. *Please note: It is the policy of the Foundation to disallow the charging of student tuition and profits or fees on research grants, and to encourage cost-sharing by the applicant's institution. In general, the Foundation will reimburse indirect costs up to 15 percent of the modified total direct costs (modified to exclude certain large equipment purchases and subcontractor services).
4. *Table of Contents*.

The remainder of the proposal should contain the sections described below, as appropriate.

5. *Statement of research goals and objectives*.
6. *Statement discussing the relevance of the project to the mission of the Foundation and the Hudson River Fund:*

To make science integral to decision-making with regard to the Hudson River and its watershed and to support competent stewardship of this extraordinary resource.

The programs of the Hudson River Fund pursue this mission by providing leadership and support for an integrated program of research, monitoring, modeling, synthesis, and education related to the management of the resources of the Hudson River.

7. *Description of the approach* to meeting objectives, based on current knowledge in the field of study, showing the relationship between proposed accomplishments and existing information, and describing specifically how data are to be analyzed. Proposers should consider the relationship of their intended research to other ongoing research and monitoring in the River, and should strive to interpret their research results through appropriate models and other synthesis frameworks that link relevant efforts together.
8. *Significance of the research* in its field of knowledge, its relationship to other ongoing research in the Hudson River, and its implications for any public policy issues. The critical information or building blocks of knowledge to be provided by the proposed work should be clear. If this research has been previously supported by the Foundation, this section should present an up-to-date progress report. It should also describe how the proposed study will complement any ongoing research at the proposer's institution or any other institution.
9. *Description of related research* being conducted by the proposer(s) and specific past experience.
10. *List of specific tasks* to be performed (as an itemized list, separate from the description of the approach). If field work is proposed, maps depicting the sampling locations must be submitted. The Foundation has base maps of the entire Hudson Estuary that can be supplied to investigators upon request to the Science Director.
11. Timetable for completion of research activities in the project.
12. *List of current and pending research grants or contract support*. Include the project title, agency or foundation sponsoring the research, period of support, time commitment, and amount of award. Mention areas of overlap with the current proposal, if any, and describe time commitments for the principal investigator(s). If the proposed project is a continuation of previously HRF-funded research, a full discussion of the progress of that project, along with a report of any significant results, including publications, must be incorporated into the new proposal.
13. *Bibliography* for proposal (please include article titles).
14. *Resumes* (five-page maximum) of investigator(s) and key support personnel.

The proposal with signatures on the Cover Page must be submitted electronically in one pdf document. Any reprints, appendices, or other materials to be considered with the proposal must be electronically attached to the individual proposal. To avoid delay in the review process, the proposal should be complete at the time of submission. In addition, one hard copy of the proposal must be sent to the Science Director, Hudson River Foundation, 17 Battery Place, Suite 915, New York, New York 10004.

Special Conditions

Confidentiality, to the extent possible, will be maintained in the review process, and proposals shall not be used for any purpose other than evaluation of merit for funding. Applicants are encouraged to draw the Foundation's attention to confidential or proprietary information contained in the proposal.

Criteria for Evaluation of Proposals

Hudson River Research Grants are awarded after a rigorous review process, including peer review. Decisions are made on the basis of the following factors: 1) technical merit; 2) the appropriateness of the proposed study to the mission of the Foundation and, specifically, the relevance of the project to the priorities described above; 3) qualifications of the investigators and adequacy of facilities for carrying out the proposed research; 4) costs; and 5) likelihood of success. In the case of continuing projects, consideration will also be given to the level of progress achieved to date.

The Grant Award

Notification of Hudson River Research Grant awards will be made by April 2009. After initial approval, the Foundation will arrange specific grant terms with successful applicants.

TRAVEL GRANTS

Travel Grants are available for travel related to the research goals of the Hudson River Fund as discussed in this Call for Proposals. The Foundation is particularly interested in visits by experts from outside the region to share new approaches to environmental questions about the Hudson River. Applications may be made either by individuals or by organizations on their behalf. Applications may be made at any time but should be submitted as far in advance of anticipated need as possible. Institutions may not charge overhead on these grants. Travel requests to attend conferences are discouraged.

Applications should include a letter describing the purpose and time of the travel, a budget, and references. *An electronic copy and one hard copy will be required. All applicants for Travel Grants should contact the Science Director, Dennis Suszkowski, 212-483-7667, before applying.*

EXPEDITED GRANTS

The Foundation will consider throughout the year proposals for the study of emergency situations affecting the Hudson River, such as unexpected natural or human-induced events, or research for which additional funds are needed to enhance an existing investigation or take advantage of a compelling research opportunity prior to the Foundation's next formal funding cycle.

All potential applicants for Expedited Grants should contact the Science Director, Dennis Suszkowski, 212-483-7667 before applying. Applicants will be informed of the Foundation's decision, including specific conditions governing the grant as soon as possible.

HUDSON RIVER GRADUATE FELLOWSHIPS

In 2008, the Foundation will award up to six full-time research fellowships to advanced graduate students conducting research on the Hudson River system. A fellowship awarded to a **doctoral** student will include a stipend consistent with the policy of the student's graduate institution, in an amount of up to \$15,000 for one year, and an incidentals research budget of up to \$1,000. A fellowship awarded to a **master's level** student will include a stipend consistent with the policy of the student's graduate institution, of up to \$11,000 for one year, and an incidentals research budget of up to \$1,000.

Conditions

The award is conditional upon a full tuition waiver or reimbursement by the University. Applicants must be enrolled in an accredited doctoral or master's program, must have a thesis advisor and advisory committee (if appropriate to the institution), and must have a thesis research plan approved by the student's institution or department.

The student's home university will be expected to be the primary source of support for materials and expenses required to do the thesis research and will also be expected to cover any indirect costs associated with the project. In special cases, applicants can apply for a 15-month fellowship in order to extend the proposed project through an additional summer. The Foundation will not accept applications for extensions of existing fellowships.

Application Procedures

The following materials must be included in an application; all necessary forms can be found on the Foundation's website, www.hudsonriver.org:

1. *A Proposal Cover page* (form obtained on the Foundation's website, www.hudsonriver.org). Please include the name of the student in the *Principal Investigator* box. The title of the thesis/dissertation should be included in the *Title of Proposal* box. In the *Purpose/Objective* box, please state whether support is sought for a

fellowship at the master's or doctoral level. There is no need to include the student's advisor on this page.

2. *A description* (10 pages maximum) of the thesis project. This should include a statement of the objectives of the project and the approach to the research, as well as a summary of research already completed, and a student resume;
3. *A timetable* for the completion of the research;
4. *A statement of the significance and relevance* of the project to the Hudson River Foundation's objectives;
5. *An estimate of the cost* of supplies, travel, etc. Use *Proposal Budget Summary* (form obtained on the Foundation's website, www.hudsonriver.org) and include stipend amount in *salaries* and research incidentals under *expendable equipment* (no other line items should be filled in); and
6. *Resume* of student;
7. *A letter from the University* stating that the student will receive a tuition waiver or reimbursement for the period of the fellowship;
8. *Two letters of recommendation*; one must be from the student's advisor and should certify the student's current status, evaluate the student as a future researcher, and rate the student's project both on technical merit and on relevance to the goals of the Foundation. Fellowship awards will be made through the student's academic institution. Therefore, applications must be submitted through the institution's grants administration office.

Applications for graduate fellowships in electronic pdf format must be received by 5:00 pm, Monday, March 23, 2009. Decisions will be made by the end of June 2009. Electronic filing instructions can be found on the Foundation's website, www.hudsonriver.org. A hard copy of the application, postmarked no later than March 23, 2009, should be forwarded to the Science Director, Hudson River Foundation, 17 Battery Place, Suite 915, New York, NY 10004.

TIBOR T. POLGAR FELLOWSHIPS

The Tibor T. Polgar Fellowship program is a research program conducted in cooperation with the New York State Department of Environmental Conservation. Named in honor of the late Dr. Tibor T. Polgar, a major contributor to the early development of the Foundation, this program provides a summertime grant (**\$3,800** for each fellowship) and limited research funds for eight college students (both undergraduate and graduate students are eligible) to conduct research on the Hudson River. The objectives of the program are to gather important information on all aspects of the River and to train students in conducting estuarine studies and public policy research. Polgar Fellowships may be awarded for studies anywhere within the tidal Hudson estuary from the Federal Dam at Troy, New York, to New York Harbor.

Over the past 20 years, the Polgar Fellowship program has produced a large body of research in the Hudson River, with a concentration on the four marshes of the Hudson River National Estuarine Research Reserve, compiled in the annual Polgar Fellowship reports published by the Foundation. Anyone interested in copies of this material in order to plan projects building on this work or in discussing potential research topics should contact the Foundation.

Because of the training and educational aspects of this program, each potential fellow must be sponsored by a primary advisor. The advisor must be willing to commit sufficient time for supervision of the research and to attend at least one meeting to review the progress of the research. Advisors will receive a stipend of \$500.

Application Procedures

Students applying for a Polgar Fellowship should include:

1. *A letter of interest* in the program;
2. *A short description* (4-6 pages) of the research project, including a statement of its significance;
3. *A timetable* for completion of the research;
4. *An estimate of the cost* of supplies, travel, etc.; and
5. *A letter of support* from the student's advisor.

Applications for Polgar Fellowships in electronic pdf format must be received by the Foundation by 5:00 pm, Monday, February 23, 2009. (For filing instructions visit the Foundation's website, www.hudsonriver.org) Successful applicants will be notified of their fellowship awards by the end of March. A hard copy of the application, postmarked no later than February 23, 2009, must also be submitted to the to the Polgar Fellowship Committee, Hudson River Foundation, 17 Battery Place, Suite 915, New York, NY 10004.

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