

# Request for Proposals (RFP)



## 2022 Dataset Research Engagement and ATHN Mentorship (“DREAM”) Award

- Applicants must be located at participating ATHN Affiliate institutions to be eligible to apply for a 2022 DREAM Award.
- Pre-proposals are due on or before **April 18, 2022 by 11:59 p.m. EST**
- Invited full proposals are due on or before **June 27, 2022 by 11:59 p.m. EST**
- Awards will be announced August 2022 for 12-month projects running from September 15, 2022 through September 14, 2023, and/or 24-month projects running from September 15, 2022 through September 14, 2024

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### Program Summary

The Hemostasis and Thrombosis Research Society (“HTRS”) and the American Thrombosis and Hemostasis Network (“ATHN”) announce the availability of the **2022 Dataset Research Engagement and ATHN Mentorship (“DREAM”) Award**, supported by an independent medical educational grant from Takeda.

The DREAM Award is offered through the collaboration of HTRS and ATHN. The award provides grants of \$50,000 USD over 12 months or \$100,000 USD over 24 months to enable young investigators working at participating ATHN-affiliated hemophilia and thrombosis treatment centers (“sites”) to conduct research using the national ATHNdataset under the guidance of experienced mentors.

The goals of the DREAM Award are to:

1. Advance the care of patients with bleeding and clotting disorders by funding research in the field of hemostasis and/or thrombosis, and
2. Combat the shortage of skilled academic physician researchers in non-malignant hematology in the U.S. by providing funding, mentorship, and career development support to early-stage physician scientists pursuing academic research careers in non-malignant hematology.

The ATHNdataset is a HIPAA compliant, de-identified dataset, containing a subset of what is typically recorded in a patient’s full medical record. As of March 2021, there are over 43,000 patients who have opted in to allow their data to be included in the ATHNdataset. ATHN sponsors the ATHNdataset and supports sites in the routine collection of this demographic and clinical data. There are many data elements in the ATHNdataset; however, there are a number of elements that comprise the ATHNdataset Core Data Elements. These core elements constitute the most complete data in the ATHNdataset. Non-core elements

are also available for analysis, but are present in the ATHNdataset less frequently. The terms “core” and “non-core” are used throughout this application to distinguish between the two categories of data elements.

Please also note the following:

- Proposals may feature longitudinal, case/control, feasibility, quality improvement, comparative-effectiveness, cost-effectiveness initiatives, or other applicable initiatives of the applicant’s choosing.
- A project timeline including measurable objectives to be reached by the end of the grant period must be included.
- A primary mentor must be secured prior to submitting a pre-proposal. The primary mentor must work at an ATHN-affiliated site to be eligible, but may work at a different institution than the applicant.
- The specific ATHNdataset core data elements that will be evaluated in the proposed study should be listed. A comprehensive list of core data elements appears on page 16 of this RFP and is also available at <https://athn.org/what-we-do/for-researchers/athndataset-core-data-elements.html>. Eligible proposals must utilize data contained in the ATHNdataset core data elements. Applicants may augment core elements with complementary non-core data elements if these elements exist in the ATHNdataset in sufficient quantity and quality to meaningfully contribute to the aims of the proposal.

**Funding Maximum and Grant Periods:** The maximum grant for a 12-month award is \$50,000 USD. The maximum grant for a 24-month award is \$100,000 USD (or \$50,000 USD per year for two years). Twelve-month awards will run from September 15, 2022 through September 14, 2023. Twenty-four-month awards will run from September 15, 2022 through September 14, 2024.

**Pre-proposal Application Deadline and Instructions:** Submission of a pre-proposal is required as the first step in the DREAM Award application process on or before **April 18, 2022 by 11:59 p.m. EST**. Proposals will be submitted through ATHN’s online application process. Contact [support@athn.org](mailto:support@athn.org) to request a link to the application.

Pre-proposals will be reviewed by members of the DREAM Review panel. HTRS and ATHN reserve the right to determine the final number of DREAM Awards granted based on the quality of submitted proposals and availability of grant funding.

## Before Submitting a Pre-proposal

1. Applicants are expected to review the ATHNdataset Core Data Elements on the last page of this RFP prior to submission to become familiar with the type of data available (and therefore the types of projects that could be supported by the ATHNdataset).
2. Applicants are encouraged to meet with the ATHN Administrator at their site to better understand the data collected using the ATHN Systems. Applicants are encouraged to review the ATHNdataset Report Brief available in Clinical Manager to become more familiar with the data elements available in the ATHNdataset.
3. Proposals will be submitted through ATHN’s online application process. Contact [support@athn.org](mailto:support@athn.org) to request credentials to begin the application. Applicants are encouraged to email ATHN at [support@athn.org](mailto:support@athn.org) if there are any questions or need for additional guidance related to the ATHNdataset. It is very important to determine if the data sought in your project is available in the ATHNdataset before moving ahead with an application.

## Eligibility Requirements

Applicants must work at a participating ATHN Affiliate site and be working with a mentor who is located at an ATHN Affiliate site to be eligible for a 2022 DREAM Award. The site must be an ATHN Affiliate in good standing, enrolling patients in the ATHNdataset at the time of application.

### Applicants must hold an MD or DO and be either:

- Early-stage investigators (junior faculty/junior attending) who: 1) work at an ATHN-affiliated site, and 2) are within seven years of completing adult or pediatric hematology/oncology fellowships as of September 15, 2022.
- Second- or third-year fellows as of September 15, 2022 who reside in the U.S. and are enrolled in accredited, U.S.-based adult or pediatric hematology or hematology/oncology fellowship programs. Fellows invited to submit full proposals are required to include a letter of support from their fellowship program director as part of the full proposal application. The letter should state that the applicant is in good standing and has sufficient time to conduct the proposed research as part of his/her fellowship program.

In addition:

- Only fellows and/or early-stage investigators associated with non-commercial institutions are eligible to apply.
- Awardees must be working at an ATHN-affiliated site.
- Applicants are encouraged to become members of HTRS at [www.htrs.org](http://www.htrs.org), if not already a member. Fellows are eligible for free membership for the duration of their fellowship. Membership status will not affect selection.

### Eligibility Regarding Applying for More than One HTRS Award

- Previous HTRS/ATHN DREAM Award recipients are **not** eligible to apply.
- Past DREAM Award applicants who have not been selected for a DREAM Award and who meet the DREAM Award eligibility requirements may submit a Pre-proposal for the 2022 with the same or a different project used for their previous DREAM Award application. If an applicant submits an application for the same project, reviewers will look for improvements based on past reviewer comments, if comments were provided. (Reviewer comments are only provided at the Full Proposal stage.)
- Previous HTRS Mentored Research Award or Clinical Fellowship Award applicants or recipients who meet the DREAM Award eligibility requirements may apply for the DREAM Award if grant periods do not overlap. If grant periods overlap, the DREAM Award applicant should contact [support@athn.org](mailto:support@athn.org) to inquire before preparing the DREAM Award application. (Applicants may not receive more than one HTRS award with overlapping grant periods in a given year.)

**Mentors:** A **primary mentor** must be secured prior to submitting a pre-proposal. The primary mentor must work at an ATHN-affiliated site to be eligible but may work at a different institution than the applicant. Primary mentors must be established clinicians, epidemiologists, or related researchers working in hemostasis/thrombosis. Persons who agree to mentor an applicant must be familiar with both the goals of the applicant's proposed research and the mentoring requirements of the DREAM Award. Additional mentors can participate but one mentor is sufficient for the purposes of the grant application.

If the applicant is invited to submit a full proposal, a formal letter of support is required from each mentor.

## **Available Funding and Use of Funds**

### **Applicants are required to submit a budget with their full proposal.**

DREAM Award funds may be applied to the applicant's salary (commensurate with academic rank at their appointing institution) and other direct project costs, as well as up to 8% of the total project budget in indirect costs, if requested by the institution. The maximum grant for a 12-month award is \$50,000 U.S. dollars (USD). The maximum grant for a 24-month award is \$100,000 USD (or \$50,000 USD per year for two years). Applicants must identify if they are seeking a 12-month or 24-month award in their pre-proposal.

Funding will be distributed in two payments, with the first payment paid within 30 days of the signing of the Grant Agreement contract. Funding for the second six months of a 12-month grant or the second year of a 24-month grant is contingent on the submission and successful review of a required six month or one year progress report. The final payment is contingent on the submission and acceptance of a required final report by the DREAM review panel.

If indirect costs (institutional overhead or hospital/research facility fees) are requested by the applicant's site as part of the project budget, the amount requested for indirect costs may not exceed 8% of the total project budget or cause the total project budget to exceed \$50,000 USD per year for both 12-month or 24-month grants.

Up to \$1,000 of the direct costs of the project budget may be earmarked to support travel expenses for the applicant to attend the annual ATHN Data Summit and/or the HTRS Symposium to present an abstract or oral report on their funded research project. (Eligible travel expenses include meeting registration, air and ground travel, lodging, or per diem costs up to \$1,000 total.)

The 2022 DREAM Award is funded by an independent medical education grant to ATHN. Successful applicants are required to acknowledge the support received from the DREAM Award as well as their mentors, their ATHN-affiliated site, other ATHN-affiliated sites involved in the project, and include appropriate attribution for the ATHNdataset in publications and presentations related to their award. Specific instructions for acknowledgment will be communicated to recipients in their award notification letters and/or Grant Agreement contracts.

## **Biostatistical Support in Pre-proposals and Full Proposals**

A total of 10 hours for biostatistical services from ATHN are available at no cost to support the development of the pre- and full proposals. These support hours can be requested as needed prior to submission of the full proposal. Requests for biostatistical support should be made with ample lead time.

Discussions with the ATHN biostatistician and preliminary data queries are encouraged for all applicants to help determine the feasibility of a study and refine potential research questions. Contact ATHN at [support@athn.org](mailto:support@athn.org) to schedule your feasibility discussion.

Applicants who anticipate needing biostatistical consultation to develop their project's study design or statistical plan for the full proposal must request such consultation in their pre-proposal application. If the pre-proposal applicant is invited to submit a full proposal, the applicant will be able to contact an ATHN

biostatistician to receive up to a total of 10 hours of consultation in the preparation of his/her full proposal application at no cost.

Services of an ATHN biostatistician may also be requested by DREAM Award recipients during the duration of the funded project and there is a cost for such consultation. If this service is anticipated, the rationale for and percent effort allotted for the biostatistician must be sufficiently explained in the full proposal narrative and the expense must be reflected in the full proposal budget. Invited full proposal applicants must contact ATHN ([support@athn.org](mailto:support@athn.org)) to request assistance in determining the number of hours of consultation needed and the associated cost.

## Current and Pending Funding Support Requirement

Applicants must report all current and pending funding sources for their proposed projects in the full proposal narrative and budget. If additional funding becomes available to cover salary support or research costs for the project, applicants will be asked to provide documentation to ATHN to demonstrate that requested budgetary items do not overlap. If the new funding covers all or substantially all the costs of the project, any grant funds that remain unused must be returned to ATHN. Specific details of this requirement are included in the Grant Agreement contract.

## Other Conditions and Responsibilities

Submission of a DREAM Award full proposal implies acceptance of the following conditions by the applicant, the mentors, and the ATHN-affiliated site:

1. Required Grant Agreement. Upon notification of a DREAM award, awardees are responsible for providing HTRS/ATHN with the name and contact information of the appropriate financial or legal representative at the recipient site/institution who should receive the Grant Agreement contract. The awardee, his/her primary mentor and co-mentor, the recipient site/institution's representative, and representatives of HTRS and ATHN are required to sign a Grant Agreement contract prepared by HTRS/ATHN before award funds are dispersed.
2. ATHN Data Sharing and Use Agreement: Upon acceptance of the DREAM Award, the awardee will agree to and sign the ATHN Data Sharing and Use Agreement. Any questions regarding this agreement should be directed to [support@athn.org](mailto:support@athn.org).
3. Change in Status. The awardee is responsible for providing HTRS/ATHN with written notice of any change in status related to their project or career path at any time during the project period. Change in status notification letters are subject to review and approval by HTRS/ATHN. While most change requests are negotiable, it should be noted that a change in career direction from an academic research institution to commercial industry, for example, is not permitted per eligibility requirements and will result in the awardee returning the balance of his/her funding. The exact conditions and instructions for submitting a change in status report are outlined in the Grant Agreement contract.
4. Award Administration. The day-to-day administration of DREAM Awards is the responsibility of the recipient site/institution. As such, the recipient site/institution issues award funds as outlined in the approved project budget according to its own procedures and payment schedules. Funds are not sent to awardees directly.

5. Rights and Welfare of Human Subjects. The ATHNdataset is a de-identified dataset as defined by HIPAA.
6. Animal Research: Animal research is not allowed under this grant.
7. Articles, Abstracts, and Oral/Poster Presentations and Acknowledgements. Any articles (published and in progress), abstracts, or oral and poster presentations resulting from the awardee's DREAM Award research must acknowledge the support of HTRS and ATHN and other grant supporters, the awardees' mentors, the ATHN-affiliated site, other ATHN-affiliated sites involved, and appropriate attribution for the ATHNdataset as outlined in the applicant's award notification letter and/or the fully executed Grant Agreement contract. During and after the grant period, awardees are required to provide advance notification and copies to HTRS/ATHN prior to submitting any articles for publication or abstracts for conferences, and prior to giving any oral or poster presentations resulting from the awardee's DREAM Award research. During and after the grant period, awardees are also required to provide HTRS/ATHN with a final published copy of any articles, abstracts, or oral and poster presentations resulting from their DREAM Award research with the appropriate acknowledgements contained within the published copies.
8. Required Reports. Per the fully executed Grant Agreement contract, awardees are required to submit two formal reports using templates provided by HTRS/ATHN: 1) a Progress Report after the first six months (for one-year projects) or after the first year of research (for two-year projects), and 2) a Final Report within three months of the completion of the grant period. Required reports must also include a list of any articles (published and in progress), abstracts, or oral and poster presentations resulting from the DREAM Award research, with copies appended. Awardees accept primary responsibility for understanding when reports are due and for following submission instructions provided by HTRS/ATHN.
9. Required Presentation. Awardees are required to present the final results of their project at the ATHN Data Summit nearing or immediately following the grant period completion. The results may be presented as an abstract, poster or an oral presentation to be determined by ATHN.

**Disclosure of HTRS/ATHN Compliance with State or Federal Requirements per Open Payments: The Physician Payments Sunshine Act**

The HTRS/ATHN DREAM Awards may be reportable by law to state or federal agencies under *Open Payments: The Physician Payments Sunshine Act* ("Sunshine Act"). HTRS/ATHN may be required to share information about recipient institutions, principal investigators, or other particulars of funded grants with the pharmaceutical companies that support our award programs. Such companies may deem grant information reportable per their policies related to the Sunshine Act.

Applicants to the HTRS/ATHN DREAM Award Program are required to confirm, prior to submitting a proposal to HTRS/ATHN that their institution is able to accept grant funding that may be subject to Sunshine Act reporting. Applicants who have questions about the Sunshine Act should ask their institutional Office of Research or other grant administrator for more detail, since regulations can differ by institution and state.

## Preparing a Pre-proposal

Pre-proposals are a required first step in the DREAM Award submission process. Proposals will be submitted through ATHN's online application process. Contact [support@athn.org](mailto:support@athn.org) to request a link to the application. Submissions should be received on or before **April 18, 2022 by 11:59 p.m. EST.**

### Components of a Complete Pre-proposal

- Lay abstract/project Narrative (100 words)
- The completed online application
- A research concept that includes scientific background and rationale, main hypothesis and proposed research aims, characteristics of the study population, ATHNdataset core data elements of interest, methodology including statistical approach (not to exceed 2 pages)
- Name of mentor and their ATHN-affiliated site
- Brief description of mentor qualifications and role in the project

1. **Pre-proposal Narrative** Reviewers will use the narrative to assess the quality of the a) applicant; b) mentor(s) and environment; c) science; d) research plan; and e) role/benefit of the ATHNdataset.

a. **Quality of applicant** should include:

- i. Background of the applicant
- ii. Demonstrated sincere commitment to an academic career in non-malignant hematology and/or an academic career with a major component of, or overlap with, non-malignant hematology
- iii. Relevance of the proposed research to the applicant's stated career goals
- iv. Applicants who are not training or working primarily as hematologists, but whose careers in other disciplines have a substantial component of, or overlap with, the disciplines of hemostasis and/or thrombosis (e.g. obstetricians/gynecologists) should describe not only the relevance of the proposed research to their career, but also how the disciplines of hemostasis and/or thrombosis overlap with, and have substantial relevance to, their career.

b. **Quality of mentor(s) and environment** should include:

- i. Description of the primary mentor and co-mentor's qualifications. A primary mentor, working at an ATHN affiliated site must be included. If a second mentor is added to assist with statistical analysis, that is acceptable but not required.
- ii. Quality and appropriateness of the research environment as it pertains to the applicant and project
- iii. A clear explanation of the applicant's role vs. the role of the primary mentor and co-mentor in the research concept, design, and implementation. If relevant, specify the specific parts of the project to be carried out by the applicant as opposed to the primary mentor and co-mentor
- iv. If the mentor/co-mentor are at a different institution, a communication plan must indicate how the mentoring will be accomplished at a distance

- c. **Quality of the science** should include:
- i. Background, scientific merit, significance, and impact of the project
  - ii. Potential of the project to generate new knowledge and lead to further funding opportunities and additional research projects.
- d. **Quality of the research plan** should include at least brief reference to the following, with one or more aspects presented in greater detail. It is understood that where greater detail is provided may vary with the specific proposal:
- i. Hypotheses and aims/objectives of the proposed research. Applicants should work with the ATHN Administrator at their site to review the “ATHN Research Report Brief” which contains the number and type of core and non-core data elements in the ATHN dataset as captured within the ATHN Systems. Applicants should clearly explain how their project will use the ATHNdataset and what data elements will be analyzed and enhanced. Applicants may include an “exploratory” aim (no more than one is recommended) relating to non-core data elements. A proposal that includes an exploratory aim must be 2-year proposal, as it is unlikely that a project of this nature could be accomplished in less than 2 years. **Please also note that the use of other databases is not allowed. Any application proposing to use data collection systems other than ATHN Systems will be deemed ineligible.**
  - ii. Applicants should work with the ATHN Administrator at their site to review the “ATHN Research Report Brief” which contains the number and type of core and non-core data elements in the ATHNdataset as captured within the ATHN Systems. Applicants are allowed to include an “exploratory” aim (no more than two are recommended) relating to non-core data elements.
  - iii. Study design and methodology
  - iv. Discussion of feasibility; realistic project timeline and budget
  - v. Potential limitations and how to address them
  - vi. Statistical plan and/or considerations, if only preliminarily. If applicable, preliminary data should be included.
  - vii. Plan for obtaining statistical support. Applicants may request consultation up to 10 hours from ATHN to develop their research study design and statistical plan at no cost, which is required for the full proposal, and/or to implement the statistical plan of their funded project at a cost that must be built into their full proposal project budget. The rationale for this request must be included in the pre-proposal. Applicants who do not request consultation from ATHN in the pre-proposal must then identify in the pre-proposal what statistical resources are available within their own institutions/sites or locally.
- e. **Role and Benefit of the ATHNdataset** should include:
- i. Clear explanation of how the ATHNdataset will be used to address objectives.
  - ii. Listing of specific core data elements used in the study (a comprehensive list of core data elements appears on the last page of this RFP).
  - iii. Adequate plan for enriching the data to fulfill the project goals by validating and enhancing the collection of core and non-core data at applicant site and/or through participating sites. **Note that a plan asking sites to add data that is not commonly or easily added is not helpful; a better plan is to ask sites to complete and validate their data. Any questions related to this should be directed to support@athn.org.**
  - iv. The pre-proposal should include a list of collaborating sites, if any, and their respective roles. This may be listed on a separate additional page.

## Pre-proposal Review Process

Pre-proposals submitted by **Monday, April 18, 2022 by 11:59 p.m. ET** will be reviewed by members of the DREAM review panel, a peer review committee comprised of HTRS and ATHN members. The panel's goal is to advance only the most competitive proposals to the full proposal round to be considered for the limited pool of grant funding available.

## Pre-proposal Review Timeline

If the pre-proposal is favorably reviewed by the panel, the applicant will be informed within approximately two months of the pre-proposal submission deadline that a full proposal is requested. HTRS/ATHN will make every effort to notify successful pre-proposal applicants as quickly as possible to allow applicants the maximum amount of time to prepare full proposals. Invited applicants will be required to submit their Full Proposal application on or before **June 27, 2022 at 11:59 pm EST**.

## Components of Complete Full Proposal

### 1. Online Application

The DREAM Award Application is a required part of the application process and can be an update of the form fields that were submitted in your pre-proposal application.

The following will also be required in the online application:

### 2. Background and Career Goals Statement

The Background and Career Goals Statement should address the following points and should be clear, concise, and well-written. Although many of these same points were required in the Pre-proposal, it is expected that the points will be further developed for the Full Proposal as appropriate. Reviewers will use these points as guidelines to assess the quality of the applicant including a) the ability of the applicant to conduct the proposed research, and b) the potential of the applicant to build a successful career in hemostasis and/or thrombosis.

**The Background and Career Goals Statement** should include:

- a. Background of the applicant and preparation for the proposed research
- b. Demonstrated commitment to an academic career in non-malignant hematology and/or an academic career with a major component of, or overlap with, non-malignant hematology
- c. Career development plan:
  - i. Future career goals/plans
  - ii. Relevance of the proposed research to the applicant's stated career goals
  - iii. Applicants who are not in training or working primarily as hematologists, but whose careers are in other disciplines that have a substantial component of, or overlap with, the disciplines of hemostasis and/or thrombosis (e.g. obstetricians/gynecologists), must include not only the relevance of their proposed research to their career, but also how the disciplines of hemostasis and/or thrombosis overlap with, and have substantial relevance to, their career

### 3. **Project Narrative** (five pages maximum, excluding references)

The Full Proposal Narrative should address the following points and be clear, concise, and well-written. Although many of these same points were required in the Pre-proposal, it is expected that the points will be further developed for the Full Proposal as appropriate. Reviewers will use these points as guidelines to assess the quality of the a) mentor(s) and environment; b) science; c) research plan; and d) role/benefit of the ATHNdataset.

- a. **Quality of mentor(s) and environment** should include:
  - i. Description of the primary mentor and co-mentor's qualifications
  - ii. Quality and appropriateness of the research environment as it pertains to the applicant and project
  - iii. A clear explanation of the applicant's role vs. the role of the primary mentor and co-mentor in the research concept, design, and implementation. If relevant, specify the specific parts of the project to be carried out by the applicant as opposed to the primary mentor and co-mentor
  - iv. If the mentor/co-mentor are at a different institution, a communication plan must indicate how the mentoring will be accomplished remotely
  
- b. **Quality of the science** should include:
  - i. Background, scientific merit and impact of the project
  - ii. Potential of the project to generate new knowledge and lead to additional research projects
  
- c. **Quality of the research plan** should include clear statements of:
  - i. Hypotheses and aims/objectives of the proposed research. Applicants should work with the ATHN Administrator at their site to review the "ATHN Research Report Brief" which contains the number and type of core and non-core data elements in the ATHN dataset as captured within the ATHN Systems. Applicants should clearly explain how their project will use the ATHNdataset and what data elements will be analyzed and enhanced. Applicants may include an "exploratory" aim (no more than one is recommended) relating to non-core data elements. A proposal that includes an exploratory aim must be 2-year proposal, as it is unlikely that a project of this nature could be accomplished in less than 2 years. **Please also note that the use of other databases is not allowed. Any application proposing to use data collection systems other than ATHN Systems will be deemed ineligible.**
  - ii. Study design and methodology; the project method and design should be appropriate to test proposed hypotheses.
  - iii. Feasibility analysis
  - iv. Potential limitations and how to address them
  - v. Future studies to be pursued if specific aims are accomplished
  - vi. Statistical plan and/or considerations. Patient or sample numbers and statistical methods should be identified. If applicable, preliminary data should be included.
  - vii. Plan for obtaining statistical support. Applicants may request consultation up to 10 hours at no cost from ATHN prior to submission of the full proposal to assist with planning to implement the statistical portion of their project.
  - viii. Applicants may request the support services of an ATHN biostatistician during the duration of the funded project and there is a cost for such consultation. If this service is anticipated, the rationale for and percent effort allotted for the biostatistician must be sufficiently explained in the full proposal narrative and the expense must be reflected in the full proposal budget. Invited full proposal applicants must contact ATHN at [support@athn.org](mailto:support@athn.org)

to request assistance in determining the number of hours of consultation needed and the associated cost.

- ix. Human subject protections should be appropriately described, if applicable
- x. A project timeline. Please justify why you are requesting a one year award vs. a two year award. Applicants for two-year awards should specify what will be accomplished in Year One versus what will be accomplished in Year Two. Applicants should note that the contracting process timeline should be incorporated into their schedule.

d. **Role and Benefit of the ATHNdataset** should include:

- i. Clear explanation of how the ATHNdataset will be used to address objectives. This is a critical part of the application.
- ii. Listing of specific core data elements used in the study (a comprehensive list of core data elements appears on the last page of this RFP).
- v. Adequate plan for enriching the data to fulfill the project goals by validating and enhancing the collection of core and non-core data at applicant site and/or through participating sites.  
**Note that a plan asking sites to add data that is not commonly or easily added is not helpful; a better plan is to ask sites to complete and validate their data. Any questions related to this should be directed to [support@athn.org](mailto:support@athn.org).**

4. A copy of the **applicant's current NIH Biosketch**.

5. A copy of the **current NIH Biosketch** for each mentor.

6. **Letters of Support from the mentors** outlining:

- a. The strengths of the applicant and any challenges that the applicant may face as a DREAM Award recipient.
- b. The research facilities and resources available to the applicant.
- c. A clear explanation of the applicant's role vs. the role of the mentors in the research concept, design, and implementation of the study.
- d. The nature of the week-to-week interactions between the applicant and the mentors. For those applicants not physically located at the mentor's site, the mentor should describe evidence of an appropriate communication and collaboration plan.
- e. Explanation of the way the mentor has mentored applicant in the past and the plan for mentoring to improve the scientific writing of the full proposal, and future scientific writing more generally.

7. **Letter of Support as follows:**

- a. For Fellows, the letter should be from the fellowship program director, stating that the candidate is in good standing and eligible for the award, agreeing to the percentage of time the candidate spends on research while enrolled in his/her fellowship program, and committing institutional support for the proposed project.
- b. For Junior Attending/Junior Faculty, the letter should be from the current department chairperson or division chief supporting the applicant's research and committing institutional support for the proposed project.

8. **Project Budget and Addendum to Budget**

Each full proposal must include a comprehensive budget. The expenses below are permitted by HTRS/ATHN as part of the project budget, which may not exceed (and should preferably be equal to) a

total of \$50,000 USD for a 12-month award and \$100,000 USD for a 24-month award. (Full Proposal applicants are required to use the budget template provided by HTRS/ATHN.)

a. Direct Project Costs including:

- Salary and fringe benefits for the applicant proportional to his/her percent effort on the project (commensurate with academic rank at their appointing institution).
- Salary and fringe benefits for personnel required to implement the research project, if applicable
- Equipment and supply expenses necessary to fulfill the project's specific aims
- Up to \$1,000 of the direct costs of the project budget may be earmarked to support travel expenses for the applicant to attend the annual ATHN Data Summit and or the biennial HTRS Scientific Symposium to present an abstract or oral report on their funded research project. (Eligible travel expenses include meeting registration, air and ground travel, lodging, or per diem costs up to \$1,000 total.)
- Consultant costs for biostatistical consultation, statistical or data management support
- Collaborating site (s) costs if proposed

b. Indirect Costs/Facilities and Administrative Costs of up to 8% of the direct costs not to exceed \$3,704 USD for a 12-month award and \$7,408 USD for a 24-month award. If indirect costs are requested by the awardee's institution as part of the project budget, the line item for indirect costs may not exceed 8% of the total project direct costs or cause the total project budget to exceed \$50,000 USD for a 12-month award or \$100,000 USD for a 24-month award.

The applicant must provide a separate addendum to the budget template with the following information:

- a. An explanation and justification of each line item requested in the budget template.
- b. List other current and pending funding sources for the proposed project, if any, as well as what expenses will be covered by the additional funding.
- c. A brief discussion of alternatives if this additional funding is not secured.

## Notification of Grant Awards

Notification of final award decisions will be made in August 2022 for both 12-month projects and 24-month projects, as outlined above.

## Questions

Questions about the preparation and submission of 2022 DREAM Award pre-proposals and invited full proposals can be directed to [support@athn.org](mailto:support@athn.org).

# ATHNdataset Core Data Elements

| DATA CATEGORY                           | CORE DATA ELEMENT                                    |
|---|--|
| <b>Record Status</b>                    | Record Status - Active vs. Inactive                  |
|   | Date Made Inactive                                   |
|   | Inactive Reason                                      |
| <b>Mortality Status</b>                 | Mortality Status - Alive vs. Deceased                |
|   | Date of Death  |
|   | Primary Category of Death                            |
|   | Primary Cause of Death                               |
| <b>Demographics</b>                     | Date of Birth  |
|   | Sex assigned at Birth                                |
|   | Gender Identity                                      |
|   | Identifies as Transgender                            |
|   | Race   |
|   | Ethnicity  |
|   | Education Level                                      |
|   | Employment Level                                     |
| Zip Code                                |  |
| <b>Authorizations</b>                   | ATHNdataset Patient Authorization                    |
| <b>Insurance Information</b>            | Category   |
|   | Start Date   |
|   | Payer Name   |
|   | Type   |
| <b>Diagnoses</b>                        | Primary Bleeding or Clotting Disorder Diagnosis Name |
|   | Status   |
|   | Primary Diagnosis Indication                         |
|   | Start Date   |
|   | Reason for Diagnostic Testing                        |
| <b>Complications and Co-Morbidities</b> | History of Other Diagnoses                           |
|   | Inhibitor  |
|   | HIV  |
|   | Hepatitis A  |
|   | Hepatitis B  |
|   | Hepatitis C  |
|   | Target Joint History                                 |
|   | COVID-19   |
| <b>Surgeries/Procedures</b>             | Date   |
|   | Surgery/Procedure Type                               |

| DATA CATEGORY                   | CORE DATA ELEMENT                                      |
|---------------------------------|--|
| <b>Medications</b>              | Primary Bleeding or Clotting Disorder Medication Names |
|                                 | Start Date   |
|                                 | Primary Regimen Indication                             |
|                                 | Treatment Type   |
|                                 | Dose   |
|                                 | Frequency  |
|                                 | End Date   |
| <b>Immune Tolerance Regimen</b> | Reason for Discontinuation                             |
|                                 | Start Date   |
|                                 | End Date   |
| <b>Immunizations</b>            | Response   |
|                                 | Immunization Type                                      |
| <b>Immunizations</b>            | Immunization Status                                    |
|                                 | Treatments   |
| <b>Bleed/Treatment Data</b>     | Bleed Events   |
|                                 | First Product Exposure                                 |
|                                 | Historical Product Exposure                            |
|                                 | First Bleed Information                                |
|                                 | Treatment Administration History                       |
| <b>Visit Information</b>        | Type of Visit  |
|                                 | Date of Visit  |
|                                 | Visit Disposition                                      |
|                                 | Service Location                                       |
|                                 | Report sent to PCP                                     |
| <b>Vital Signs</b>              | Weight   |
|                                 | Height (length for children)                           |
| <b>Laboratory Tests</b>         | Baseline Diagnoses and Co-Morbidities                  |
|                                 | Test Name  |
|                                 | Draw Date  |
|                                 | Lab Results  |

The ATHNdataset is a de-identified dataset defined by Expert Determination under section 164.514(b)(1) of the HIPAA Privacy Rule. The ATHNdataset Core Data Elements may change over time. Data contributed to the ATHNdataset is made available by ATHN to approved collaborators to support clinical care and outcomes analysis, research, advocacy, and public health reporting in communities impacted by hematologic disorders.



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