**Robert E. Leet and Clara Guthrie Patterson Trust**

**Mentored Research Award Program**

***2024-2026 Project Application***

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| **TITLE OF PROJECT**: | | | **KEY WORDS**: | | |
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| **APPLICANT** | | | **PRIMARY MENTOR or DIVISION CHIEF** | | |
| **Name, Degree(s):** |  |  | **Name, Degree(s):** |  |  |
| **Academic/ Research Title:** |  |  | **Full Academic Title:** |  |  |
| **Department:** |  |  | **Department:** |  |  |
| **Institution:** |  |  | **Institution:** |  |  |
| **Email:** |  |  | **Email:** |  |  |
| **Signature:** | X \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | **Signature:** | X \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| **Date:** |  |  | **Date:** |  |  |
|  | | | | | |
| **AUTHORIZED INSTITUTIONAL REPRESENTATIVE** | |  | **INSTITUTIONAL OFFICER TO RECEIVE FUNDS** | |  |
| **Name:** |  |  | **Name:** |  |  |
| **Title:** |  |  | **Title:** |  |  |
| **Institution:** |  |  | **Institution:** |  |  |
| **Email:** |  |  | **Email:** |  |  |
| **Signature:** | X \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |  |  |  |
| **Date:** |  |  |  |  |  |
| **CERTIFICATION**: *By signing this Face Sheet, the Applicant, Mentor, and the submitting Institution certify that the statements contained in this application are true and complete to the best of their knowledge, that eligibility requirements have been met, and that the Institution has reviewed the application and approved it for submission.* *They also certify that the terms of the Patterson Trust Mentored Research Award Program as documented in the 2024 Guidelines are understood and agreed upon, and that the Institution will commit to appropriate oversight if the project is funded, including obtaining any human subjects (IRB), and/or other required institutional approvals.* | | | | | |

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| **Applicant Eligibility and Research Experience** | | | | | |
| **Years of full-time postdoctoral (or equivalent) research experience by January 31, 2024:** | | | | 0  1  2  3  4  5  6 | |
| **For Clinician Scientists: Date of clinical training completion. (day/month/year)** | | | |  | |
| **Education, Training and Career History:** Please provide a brief timeline of your clinical and/or research training experience. Include all relevant experience since completion of your doctoral degree, as this information will be used to help determine eligibility. Pauses in research experience should be confirmed by the mentor. ***Please highlight time spent in post-doctoral research training (or equivalent) with an asterisk (\*)*.** | | | | | |
| **Start Date** | **End Date** | **% Research Effort** | **Position/Degree** *(e.g., graduate school [PhD], medical school [MD, DO, etc.], Postdoctoral fellowship, Residency, Clinical Fellowship, Research Internship)* | | **Institution** |
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| **Clinical Research Eligibility** (100 words or less)  *Please describe how this project fits the definition of clinical research conducted with human subjects as defined in the program guidelines. As a reminder, proposals with a predominant focus on fundamental aspects of phenomena without direct clinical application are not eligible.* |
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| **Career Trajectory Section** (optional, 100 words or less)  *Briefly explain any life events or circumstances that you feel are relevant to defining your career path/trajectory. This section is included in recognition that inequities in access to research resources, including time, may not otherwise be apparent to reviewers and could help provide context as they evaluate an applicant’s professional trajectory and achievements. Do not share any sensitive or personal health information. Examples include but are not limited to; being a member of a community underrepresented in biomedical research, having experienced a life event that impacted career trajectory (such as parenthood, family or medical leave, caretaking responsibilities), COVID-19 pandemic-related effects, military service, having a learning or other disability, coming from a low-income family, and being the first in your family to go to college.* |
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| **Contributions to the Wider Research Community** (250 words or less)  *For example, this may include but is not limited to:*   * *Editing, reviewing, refereeing, contributing to the evaluation of other researchers and projects* * *Organization of conferences or knowledge sharing activities* * *Mentorship roles, teaching, or education* * *Appointments to positions of responsibility or leadership within your organization* |
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| **Promotion of Positive Research Culture** (250 words or less)  *Briefly describe your commitment and approach to improving research culture (research integrity, diversity, equity, inclusion, and recognition of researchers’ various activities).* |
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| **Project Ownership Plan** (350 words or less)  *To support the career development and transition of the Applicant into an independent research position, the Mentor and the Applicant should agree upon the ownership for the project and resources generated therein. Please describe what part of the proposed project belongs to the Applicant, and whether the Applicant has overall responsibility for and ownership of this portion of the project. Describe what portions (materials, resources, tools, etc.) of the project the Applicant will take to an independent research position and use to pursue additional grant funding.* |
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| **Project Title and Summary** | |
| **Project Title** |  |
| **Project Summary** *(300 Words)*  *This is a scientific abstract stating the project’s broad, long-term objectives and specific aims. Describe the research design and methods for achieving these goals. The section is meant to serve as a succinct and accurate description of the proposed work when separated from the application and will be posted on our website if the project is funded.* ***This statement should match the text in the corresponding field for online submission.*** | |
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| **Performance Sites**  *(Institution, City, State)* |  |

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| **Non-Technical Summary** (350 words or less)  *Prepare a lay-language description of the proposed research plan in terms that can be understood by the general public. Avoid technical jargon; use simple terms; define all essential terms.*  ***This statement should match the text in the corresponding field for online submission.*** |
|  |

*Please include the following sections. Any Instructions provided should be removed from the final pdf application.*

**Applicant’s Biosketch**

*6 page maximum, use the latest NIH format.*

**Mentor’s Biosketch**

*A maximum of 3 co-mentor biosketches will be allowed (6 page maximum each), use the latest NIH format.*

**Research Proposal**

*Maximum of 5 pages, not including Human Subjects Section or References. Arial 11 font and size must be used in the text of the research proposal section. Use single spacing within paragraphs, double spacing between paragraphs and at least half-inch margins on all four sides. Any figures, graphs, tables or images, including their legends must fit within the indicated page limit. For these visuals, the minimum is an 8 point-font size. Supplementary material (e.g. reprints of publications, appendices, and additional data) are not permitted.*

*Within the page limit, include these sections in the order listed below:*

1. **Specific Aims** *(1 page including figures)*
2. **Background and Significance**
3. **Preliminary Data** *(if available)*
4. **Research Design, Experimental Methods, and Analytical Plan**
5. **Research Limitations and Contingencies**
6. **Expected Outcomes and Future Directions**
7. **Human Subjects** *(maximum 3 pages, not included in page limit)*
   1. All research involving Human Subjects and/or requiring IRB approval must include the following:
      1. Characteristics of the study such as interactions with and involvement of human subjects, study design and procedures, and information on sample or data collection.
      2. Possible risks of the study
      3. Steps planned to reduce risks and protect patient safety
      4. Justification for the sample size included in the research design must be provided. Consistent with current NIH policies4, funded clinical research must include women and minority groups as well as a rationale that speaks to composition of the study population. Any exclusions within the study population need to be described and scientifically justified.
   2. All proposals should include as much of the information required above as possible. If an applicant believes that this information is not applicable to the proposed project, the applicant should contact program staff.
8. **References** *(not included in page limit)*

**Research and Career Development Plan** *(maximum 1 page, not included in Research Proposal page limit)*

*Create a table that outlines the project milestones, related research/career development activities, and mentor(s) contributions associated with the proposed specific aims, overall project goals, and other activities.*

**Letters of Collaboration** *(if applicable, 1 page max each)*

*Collaboration letters must be forwarded to the Applicant for inclusion in the uploaded document. These are brief letters addressing the nature of the collaboration and the role of the Collaborator. Do not include the Collaborator’s C.V. or additional letters of recommendation.*

**Program Budget and Other Support**

*See the budget template for detailed instructions.*

*Include all current and pending support.*

*See* [*this document*](https://hria.org/wp-content/uploads/2021/06/Merging-Budgets-to-Proposals-Applicant-Instructions.pdf) *for instructions on how to convert the budget document to a pdf and append to the proposal*.