The specific aims of the Alpha-1 Foundation’s peer reviewed grants program are to promote research that would eventually result in the improved health of individuals with AAT, with a focus on the lung and liver disease of AAT Deficiency. The program supports basic science and clinical research, improved understanding of the pathogenesis of the clinical manifestations of AAT, the development and testing of treatments for the disease, bioethics and social research, and the promotion of education of members of the medical community regarding AAT.

**In-cycle Grant Opportunities:**

**Bridge Grant**
Maximum of $25,000 may be requested. Up to 1 year of support is available. The objective of this grant is to provide support for excellent Alpha-1 Antitrypsin (AAT) Deficiency-related research projects that have been submitted to and approved by the National Institutes of Health (NIH), but cannot be supported by the available NIH funds. Thus, this award complements the granting mechanism of the NIH for projects of potential interest to individuals served by the Alpha-1 Foundation.

**Pilot and Feasibility Grant**
Maximum of $40,000 may be requested. Up to 1 year of support is available. The objective of this grant is to provide funds to encourage the development and testing of new hypotheses and/or new methods in research areas relevant to AAT Deficiency. Proposed work must be hypothesis generating or hypothesis testing, reflecting innovative approaches to important questions in AAT research or development of novel methods, and providing sufficient preliminary data to justify the Foundation’s support.

**Postdoctoral Research Fellowship Grant**
Maximum of $50,000 per year may be requested. Up to 2 years of support is available. The objective of this grant is to provide support for postdoctoral research fellows who are starting their research careers and are working in the laboratories of established researchers or conducting research with the mentorship of established researchers. In addition, this grant category is intended to provide support for postdoctoral research fellows who intend to pursue a career in AAT research.
**Research Grant**

Maximum of $100,000 per year may be requested. Up to 2 years of support is available. The objective of this grant is to provide funds to encourage the development of new information that contributes to the understanding of the basic biology of AAT expression, and the pathogenesis/management of AAT Deficiency. In addition, consideration will be given to those projects that provide insight into the development of information that may contribute to new therapies for AAT Deficiency.

**Scientific Meeting Sponsorship Grant**

Grants are generally funded at the $5,000 level. The funds are restricted for use during a specified period of time. The objective of this grant is to provide support for scientific meetings, workshops or conferences relevant to AAT Deficiency and the Alpha-1 Foundation’s mission statement.

**Travel Grants**

Grants are generally funded at a level of $1,000. The funds are restricted for use during a specified period of time. The Alpha-1 Foundation provides funds to support travel to attend a scientific conference or meeting to present AAT-related abstracts or posters at national and international meetings. The Alpha-1 Foundation also provides funds to support cross training at an established Alpha-1 laboratory by an established Alpha-1 investigator.

**Out-of-cycle Grant Opportunities:**

The first step in the process of submitting either a Foundation-initiated Request For Application (RFA) application or an investigator initiated proposal is to submit an LOI, Biographical Sketch for the LOI and LOI Keyword list. The submission of an LOI is required for all out-of-cycle proposals. An applicant must submit an LOI and be invited by the Foundation to submit a grant application. A grant application that is submitted without an LOI will result in an automatic denial of funding and the application will be returned to the investigator. For information about the Alpha-1 Foundation’s out-of-cycle grant opportunities, please contact Randel Plant, Director of Research Administration, at dfernandez@alpha-1foundation.org or at (877) 228-7321 ext 242.