



## Senior Research Training Fellowship (RT) Program Description

### IMPORTANT NOTES

- **APPLICANTS ARE ADVISED TO READ THE INDIVIDUAL AWARD PROGRAM DESCRIPTIONS AND INSTRUCTIONS BEFORE STARTING AN APPLICATION.**
- **APPLICANTS WHO ARE DEEMED INELIGIBLE FOR THIS AWARD AND/OR DO NOT FOLLOW THE INSTRUCTIONS FOR PREPARING AN APPLICATION WILL BE ADMINISTRATIVELY DISQUALIFIED AND NOT REVIEWED.**
- **APPLICANTS ARE ONLY ALLOWED TO SUBMIT ONE APPLICATION PER REVIEW CYCLE. ONCE AN APPLICATION IS SUBMITTED ON proposalCENTRAL, IT CANNOT BE CHANGED FROM ONE AWARD TYPE TO ANOTHER.**
- **PRINT AND RETAIN A COPY OF THIS DOCUMENT FOR FUTURE REFERENCE.**

The objective of the Senior Research Training Fellowship Award is to support the training of MDs and PhDs seeking further academic training as scientific investigators with the goal of pursuing a career in pulmonary medicine and lung biology research.

The American Lung Association is particularly interested in receiving meritorious applications from individuals working in areas that are aligned with the following mission-related Strategic Planning Goals:

- > Eliminate tobacco use and tobacco-related lung diseases
- > Improve the air we breathe so it will not cause or worsen lung disease
- > Reduce the burden of asthma, COPD and lung cancer on patients and their families

### ELIGIBILITY

#### ***Education and Experience***

At the time of application, an applicant must hold a doctoral degree and must work in an academic or not-for-profit institution.

*MD or DO applicants* must also have completed their clinical training, have some research experience, and be in their 3rd or 4th year of fellowship training. Fellows with small amounts of clinical training to complete or clinical activity are eligible as long as they have a minimum of 75% effort devoted to research.

*PhD applicants* must be in their 1<sup>st</sup> or 2<sup>nd</sup> year of postdoctoral training.

*Persons with medical degrees, whose credentials show that they are on a career track which will not include the practice of medicine,* must be in their 1<sup>st</sup> or 2<sup>nd</sup> year of full-time postdoctoral research.

The intent of the Research Training Fellowship Award is to provide support for first-time post-doctoral research fellows as they transition toward tenure track faculty positions. ***Individuals completing a secondary post-doctoral training or who have been appointed to a tenure track position or equivalent (e.g. commitment of start-up funds, independent laboratory space) are no longer eligible for this award.***

#### ***Citizenship***

At the time of application, candidates must be United States citizens or foreign nationals holding one of the following visa immigration statuses: permanent resident (Green Card), exchange visitor (**J-1**), temporary worker in a specialty occupation (**H-1, H-1B**), Canadian or Mexican citizen engaging in professional activities (**TC or TN**), or temporary worker with extraordinary abilities in the sciences (**O-1**). **Non-citizens must submit a notarized copy of proof of possession of a Green Card or J-1, H-1, H-1B, TC, TN or O-1 visas.** At the time of application and throughout the award, an applicant/awardee must be employed by a U.S. institution.



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### ***Sponsorship***

The sponsor/ scientific mentor should be a recognized authority in the applicant's field of research and possess the necessary laboratory and training resources. The sponsor must have an academic affiliated appointment and must be working in a not-for-profit institution. The sponsor's biosketch must be included in the application.

### **AWARD INFORMATION**

#### ***Award Structure and Allocation***

Senior Research Training Fellowships are for \$32,500 per award year. All awards are subject to availability of funds at the ALA on the start date. Funds are to be used only for salary and fringe benefits.

Grants are subjected to annual review and may be granted for two years. The second year of support is based on demonstrating satisfactory progress, as well as, the availability of funding from the American Lung Association.

Senior Research Training Fellows are expected to devote their fulltime, and in no case less than 75% of their time, to research training. This award does not permit the recipient to engage in the private practice of medicine during the support period.

### **FACTORS CONSIDERED IN EVALUATING APPLICATIONS**

*Factors considered when reviewing applications include:*

- Scientific merit, innovation, and feasibility of the research plan and its relevance to the mission of the American Lung Association
- Applicant's education, experience, career plans, publications and recommendation letters.
- The sponsor's program, including the record of training academic scientists, the research productivity of the faculty and the quality of the research training program proposed for the applicant
- The likelihood that the applicant will engage in an ongoing career in lung and/or other relevant research.

### **APPLICATION DEADLINE**

The deadline for online submission is **October 20, 2011, 11:59 p.m. Eastern Time.**

Applicants are also required to submit **one signed original plus two copies** of all application materials to the following address:

**Research and Program Services  
American Lung Association  
14 Wall Street, 8th Floor  
New York, NY 10005**

**Applications must be post-marked by the deadline date of October 20, 2011.**

### **ASSISTANCE WITH APPLICATIONS**

American Lung Association national office staff members are available to assist with questions regarding programs, eligibility, policies, terms and conditions or application instructions. However, the American Lung Association **strongly recommends** that applicants first read through the descriptive program and application materials before contacting staff.

For questions, please contact: 212-315-8741.

For help with the electronic application process, please contact the help desk for proposalCENTRAL: E-mail: pcsupport@altum.com; Phone (toll-free): 1-800-875-2562.



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### **PEER REVIEW RESULTS**

The American Lung Association will provide results of the peer review process to each applicant in April or May 2012. Applicants will receive a letter from the American Lung Association with the final outcome and reviewer critiques will be available electronically via proposalCENTRAL. **Telephone or email requests for results will not be responded to.**

### **TERMS AND CONDITIONS**

Following are the Terms and Conditions that apply to the American Lung Association Senior Research Training Fellowship Award:

#### **Animal Use**

The American Lung Association allows animal use in biomedical research only when no other means of obtaining scientifically sound, valid and useful results are available. Applicants/ awardees must comply with the Public Health Service Policy on *Human Care and Use of Laboratory Animals* and the National Research Council *Guide for the Care and Use of Laboratory Animals* to the same extent as each would were the research funded by the National Institutes of Health. One copy of the Institutional Animal Care and Use of Committee (IACUC) approval and/or the Association for Assessment and Accreditation of Laboratory Animal Care (AAALAC) accreditation must be provided to the American Lung Association as a part of the original application (**not included electronically**).

**Applicants from institutions that do not have accreditation from the AAALAC, USDA and/or IACUC are not eligible to apply.**

#### **Authorized Award Holders**

The American Lung Association grants research awards to institutions on behalf of specific individuals. No award may be transferred to another individual. If the grantee individual cannot complete the research, the funds will revert back to the American Lung Association.

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#### **Award Payments**

The American Lung Association issues award payments twice a year – July and January of the award year.

#### **Biohazards**

Biohazards are broadly defined to be recombinant and/or infectious and tumor materials that may be deleterious to normal organisms upon controlled exposure. Research involving biohazards requires one copy of the appropriate institutional committee approval.

#### **Carry Over or Extensions**

Requests for carry over or award extensions require prior approval by the American Lung Association. *All requests must be in writing and directed to the Assistant Vice President, Research and Program Services Division.* The written requests for carry over and/or extensions must be received by the American Lung Association 30 days prior to the award's official termination date. When requesting a carry over, the awardee must indicate: the amount, from what budget-line and to what budget-line the monies are being applied. In the case of supply or equipment budget, all items must be itemized. *Awardees can only request a carry over or extension once per award.*



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### **Change of Budget**

Requests for changes in budget require prior approval by the American Lung Association. *All requests must be in writing and directed to the Assistant Vice President, Research and Program Services Division.* When requesting a change in budget, the awardee must indicate: the amount, from what budget-line and to what budget-line the monies are being transferred. In the case of supply or equipment budget, all items must be itemized.

### **Change of Status**

Transfer of this American Lung Association award from one institution to another is not permitted except in extremely rare circumstances. *All requests must be in writing and directed to the Assistant Vice President, Research and Program Services Division.* All unexpended funds must be returned to the American Lung Association within 45 days of transfer approval. Once the American Lung Association receives the unexpended funds, they will be reissued to the new institution if transfer is approved.

### **Correspondence**

The American Lung Association national office directs all correspondence to the awardee. As such, **it is the responsibility of the awardee to ensure institutional personnel are copied** on American Lung Association replies to correspondence.

### **Equal Employment Opportunity**

American Lung Association awards will be awarded to individuals working in institutions identified as Equal Opportunity Employers.

### **Equipment Expenditures**

Not available for this award.

### **Equipment Repair & Service Contracts**

No award shall be used for repair or service contract costs for institutional equipment.

### **Financial Report**

At the conclusion of the award period, the American Lung Association requires a complete financial disbursement report covering the entire award period. The American Lung Association issues the disbursement report to the person receiving the award funds. The disbursement report must reflect the award expenditures as approved by the American Lung Association. Any funds used for unauthorized expenditures or unexpended funds must be returned to the American Lung Association, with the disbursement report, within 45 days after the award has terminated. *The American Lung Association does not require a financial disbursement report to be completed at the end of each year of support.*

### **Human Subjects and Stem Cells**

All research conducted on human subjects and/or human stem cells must comply with the provisions of the United States Department of Health and Human Services 45 C.F.R. pt. 46 to the same extent as each would were the research funded by the National Institutes of Health. One copy of the Institution Review Board (IRB) approval and/or exemption and approved patient consent forms must be provided to the American Lung Association prior to the start of an award.

*It is recommended that applicants submit projects to the appropriate human subjects Institutional Review Board at the time of application or before.*

If the proposed research project involves human subjects, the population sampled shall be inclusive of the general population, of relevance to the scientific question posed, without restriction in regard to gender, race, age, and socioeconomic status. Proposals that intentionally restrict the population sampled must include a compelling scientific rationale for such design.

***If the IRB approval/exemption and approved patient consent forms are not provided to the American Lung Association by the start of an award, the award will be withdrawn.***



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### **Legal Liability**

The American Lung Association will not assume responsibility for and the grantee institution will indemnify and hold the American Lung Association harmless from any lawsuit, claim, judgment, damages, awards, or malpractice arising from research or investigations related to an award as a condition of accepting this award.

### **Other Funding**

No other fellowship or another American Lung Association award may be held concurrently with the American Lung Association Senior Research Training Fellowship Award. A fellow who has previously received an American Lung Association Fellowship of any kind is not eligible for additional national Senior Research Training Fellowship support.

The American Lung Association research funds shall not be used to duplicate any work supported by other funding agencies. *It is the responsibility of the awardee to notify the Assistant Vice President, Research and Program Services Division of any potential budgetary or scientific overlap such as may occur upon the receipt of a new award during the period of the ALA award.* An assessment of the degree of scientific overlap will be made on an individual basis. In cases of significant scientific overlap, the applicant will have the option to choose between the American Lung Association award and that of the other organization.

### **Overhead/Indirect Costs**

Overhead or indirect costs are not permitted.

### **Patent Policy**

Inventions and discoveries from research performed during the term of an American Lung Association award will be subject to the current American Lung Association patent policy as well as to the patent policies of the institution where the work is performed.

### **Progress Reports**

Periodic progress reports may be requested and must be completed to assist the American Lung Association in shaping future policies with respect to its award program.

### **Project Support Expenditures**

No award shall be used for the purchase of furniture, computers, the construction or renovation of facilities, payment of honoraria or membership dues, purchase of textbooks or periodicals, or payment for secretarial support.

### **Publications**

All publications and/or presentations at scientific conferences and meetings based on research conducted from this award must acknowledge the support of the American Lung Association. Reprints of abstracts, manuscripts, or other articles that reflect research done after award acceptance must be submitted to the American Lung Association.

### **Publication Expenditures**

Not available for this award.

### **Renewals**

Renewal of an American Lung Association award is based on a demonstration of satisfactory progress and the availability of funding. Awardees are required to complete an American Lung Association Renewal Application form for each year the award is subject to renewal.

### **Tobacco Funded Research and Other Conflicts of Interest**

The American Lung Association will not provide research or other funding to investigators who have received direct funding or funding from agencies of the tobacco industry.



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American Lung Association applicants/awardees must comply with the provisions of the United States Department of Health and Human Services regulations on financial conflicts of interest 42 C.F.R. pt. 50, subpt. F to the same extent as each would were the research funded by the National Institutes of Health.

### **Travel Expenditures**

Not available for this award.

### **AMERICAN LUNG ASSOCIATION PATENTS AND INTELLECTUAL PROPERTY**

- a. All inventions or intellectual property made with support in whole or in part by research or training grants or awards from the American Lung Association must be reported at the earliest practical time to the Research and Program Services Division. The grantee institution or individual awardee agrees to notify the American Lung Association immediately of the decision to apply for patents or other legal protection for intellectual property, and to consider seriously and in good faith any comments or objections the American Lung Association may have concerning such applications. The Association agrees to keep all information confidential and to not release any information relating to such inventions, intellectual property or applications. All patenting expenses shall be borne by the grantee institution or individual awardee.
- b. Title to any invention or intellectual property shall reside in the grantee institution to the extent that such title is claimed by the institution under its patent policy or procedure and paragraphs c-h shall apply. If a grantee institution has no established patent policy or procedure for administering inventions or intellectual property, or if the institutional patent policy or procedure does not claim rights for the institution or individual inventor, then the American Lung Association shall have the right to determine the disposition of invention or intellectual property rights and paragraphs c-f shall not apply.
- c. Distribution of income derived from an invention or intellectual property which might include equity disposition shall be according to the policies of the grantee institution, although the American Lung Association would expect to participate in income derived from the invention or intellectual property to the extent and at a rate of remuneration determined by mutual agreement between the grantee institution and the American Lung Association no later than six months after first receipt of income. Such agreement shall be guided by the principle that the Association's proportion of sharing in the income shall be reasonably related to the Association's proportion of support for the invention or intellectual property.
- d. If any invention or intellectual property is made with the joint support of the American Lung Association and other organizations, it is expected that income distribution shall be in accordance with the provisions of the policy. Should an exception be taken to this provision, the grantee institution, the American Lung Association, and other sponsoring agencies will confer to reach a mutually satisfactory disposition of invention or intellectual property rights.
- e. No patent, patent application or other type of protection shall be abandoned without first notifying the Research and Program Services Division. At such time, the grantee institution and individual awardee shall give the American Lung Association the opportunity to take title to the invention or other intellectual property.
- f. The grantee institution shall agree that when it licenses any invention or intellectual property it will obligate the licensee as follows: The licensee agrees to exert its best efforts to commercialize or cause to be commercialized the invention or intellectual property as rapidly as practical, consistent with sound and reasonable business practices and judgment. In the event that the licensee has failed to commercialize the invention or intellectual property within the number of years determined to be reasonable for the invention or intellectual property, the grantee institution upon conferring with the Association shall have the right to convert an exclusive license to a non-exclusive license or to terminate a non-exclusive license. If the licensee or grantee institution has an ongoing and active research, development, manufacturing, marketing or licensing program as appropriately directed toward the production and sale of the invention or intellectual property, the same would be deemed to be sufficient evidence that the licensee or grantee institution has commercialized the invention or intellectual property.



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- g. The American Lung Association reserves the right to public acknowledgement for inventions or intellectual property resulting from support by the Association; however, the American Lung Association name and logo may not be used in association with an invention or intellectual property without prior approval of the Association.
- h. The American Lung Association may have use of inventions or intellectual properties without payment of royalties or fees, but solely for use within the Association for intramural purposes and not for any of its grantee institutions or individual awardees.