

Lung Cancer Discovery Award (LCD) Program Description

IMPORTANT NOTES

- APPLICANTS ARE **STRONGLY ADVISED** TO READ COMPLETELY THROUGH THE PROGRAM DESCRIPTIONS AND GUIDELINES (found on proposalCENTRAL) BEFORE STARTING AN APPLICATION.
- APPLICANTS FOUND INELIGIBLE FOR AN AWARD OR FOUND TO BE NONCOMPLIANT WITH THESE GUIDELINES WILL BE ADMINISTRATIVELY WITHDRAWN.
- APPLICANTS ARE LIMITED TO SUBMITTING ONLY ONE APPLICATION PER REVIEW CYCLE. ONCE AN APPLICATION IS SUBMITTED ON proposalCENTRAL, IT CANNOT BE CHANGED FROM ONE AWARD TYPE TO ANOTHER.
- FOR HELP WITH THE ELECTRONIC APPLICATION PROCESS, E-MAIL: PCSUPPORT@ALTUM.COM OR PHONE (TOLL-FREE): 1-800-875-2562
- FOR QUESTIONS REGARDING PROGRAMS, ELIGIBILITY, POLICIES, TERMS AND CONDITIONS OR APPLICATION GUIDELINES, EMAIL: RESEARCH@LUNG.ORG.

INTRODUCTION

The American Lung Association offers annual funding opportunities as a part of its Awards and Grants Program. The goals of the Awards and Grants Program are as follows:

1. to foster laboratory, patient-centered and social-behavioral research designed to prevent and relieve the suffering associated with all lung diseases and corresponding risk factors
2. to fund researchers at important crossroads of their careers to gain long-term commitment to lung disease research

The objective of the **Lung Cancer Discovery Award** is to support clinical, laboratory, epidemiological or any other kind of research projects aimed at:

- Discovering novel approaches in improving clinical methods for the early detection of lung cancer or improving knowledge on the benefits of [lung cancer screening](#)
- Developing novel medical treatments, advancing current treatment options and/or finding a cure for lung cancer

Projects are expected to have a direct impact on early detection/treatment methods or provide a clear conceptual or experimental foundation for future development. The preference is for studies that are likely to result in patient benefit in the near future.

LETTER OF INTENT

Potential applicants must submit a Letter of Intent (LOI) to the American Lung Association by **September 15, 2013** on proposalCENTRAL - <https://proposalcentral.altum.com>.

Outcome notifications will be emailed to applicants in early October 2013. Applicants selected to go forward will have until November 12, 2013 to submit their full proposal. The full application will be “bundled” with the LOI and accessible by clicking “Edit” which will lead to the first page of the application (Title Page).

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Requirements for the Letter of Intent Submission:

1. A **1-page Letter of Intent** including brief descriptions on the:
 - a. Rationale and Significance of the research project
 - b. Specific Aims and Hypotheses (may be modified slightly in full application)
 - c. Overall experimental approach
2. Applicant **Biosketch**

ELIGIBILITY

Education and Experience

At the time of application, an applicant must hold a doctoral degree, have a faculty appointment at an academic institution (including research institutions not formally associated with a university), and have completed a training fellowship. **Applicants may be at any level of research experience.**

Applicants must be independent, self-directed researchers for whom their institution must provide space and other resources customary for independent investigators. The application must convey the commitment of the institution to the applicant and the proposed research activities.

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-1B**), Canadian or Mexican citizen engaging in professional activities (**TN**), Australians in Specialty Occupation (**E-3 visa**) or temporary worker with extraordinary abilities in the sciences (**O-1**). Lung Health Dissertation applicants may hold a student (**F-1**) visa. **At the time of application and throughout the award, an applicant must be employed by a U.S. institution.**

AWARD INFORMATION

Award Structure and Allocation

The Lung Cancer Discovery Award is \$100,000 per award year. All awards are subject to availability of funds at the ALA on the start date. The Lung Cancer Discovery Award is subject to annual review and may be granted for up to 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.

No more than 25% of the requested budget may be used for an awardees salary and fringe benefits and no more than 30% of the total award budget may be used to fund the purchase of permanent equipment.

Personnel Expenditures/Other

Award funds may be used for the salary and fringe benefit costs of other personnel. Fringe benefit costs may only be expended upon the stipulation that they not be obtained from another source.

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 experience, future plans, publications, and significant past and potential future contributions to lung cancer research.
- External letters of recommendation from individuals not directly involved in the applicants research or career training will receive greater consideration than other letters.
- Research environment.
- Availability of sufficient funds to complete the proposed research project.

APPLICATION DEADLINE

Applicants asked to submit a full application must upload their application to proposalCENTRAL at <https://proposalcentral.altum.com/> prior to deadline of **November 12, 2013, 11:59 p.m. Eastern Time.**



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

**American Lung Association
21 W. 38th Street, 3rd Floor
New York, NY 10018
ATTN: Research Division**

Applications must be post-marked by the deadline date of November 12, 2013.

PEER REVIEW RESULTS

The American Lung Association will provide results of the peer review process to each applicant in **May 2014**. 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

American Lung Association (ALA) Terms and Conditions that apply to the Lung Cancer Discovery Award:

Animal Use

The ALA 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. **A 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 ALA before the start of an award; otherwise the award may be administratively withdrawn. **Applicants from institutions that do not have accreditation from the AAALAC, USDA and/or IACUC are not eligible to apply.**

Authorized Award Holders

Awards are granted on behalf of specific individuals. Awards cannot be transferred to another individual. If a grantee cannot complete the research, the funds will revert back to the ALA.

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Award Payments

Award payments are issued twice a year in July and January by the ALA.

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 a **copy** of the appropriate institutional committee approval to be sent to the ALA before the start of an award; otherwise the award may be administratively withdrawn.

Carry Over or Extensions

Requests for carry over or award extensions require prior approval by the ALA. *All requests must be in writing and directed to the Assistant Vice President, Research.* The written requests for carry over and/or extensions must be received by the ALA thirty 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



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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.*

Change of Budget

Requests for changes in budget require prior approval by the ALA. *All requests must be in writing and directed to the Assistant Vice President, Research.* 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 an award from one institution to another requires prior approval by the ALA and is approved on a case to case basis. *All requests must be in writing and directed to the Assistant Vice President, Research.* All unexpended funds must be returned to the ALA within 45 days of transfer approval. Once the ALA receives the unexpended funds, they will be reissued to the new institution if approved.

Correspondence

The ALA will correspond directly with the awardee. As such, it is the responsibility of the awardee to ensure institutional personnel are copied on all ALA correspondence.

Equal Employment Opportunity

The ALA will only award individuals working in institutions identified as Equal Opportunity Employers.

Equipment Expenditures

No more than 30% of the total award budget may be used to fund the purchase of permanent equipment. Equipment is defined as an item that costs \$500 or more, has a primary function related to the research project, and ordinarily has a usable life expectancy of one year or greater.

Equipment and Supply Purchases

Upon conclusion of the award, equipment and supplies purchased with funds from the award become the property of the institution at which the work was done. *Any departure from this clause requires prior written approval from the Assistant Vice President, Research.*

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, the ALA requires the completion of a financial disbursement report covering the entire award period and reflecting the award expenditures as originally approved. Any funds used for unauthorized expenditures or unexpended funds must be returned to the ALA, with the disbursement report, within 60 days after the award has terminated. ***The ALA 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. **A copy** of the Institution Review Board (IRB) approval and/or exemption and approved patient consent forms must be provided to the ALA prior to the start of an award; otherwise the award may be administratively withdrawn.

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



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Legal Liability

The ALA will not assume responsibility for and the grantee institution will indemnify and hold the ALA 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 ALA award may be held concurrently with the Lung Cancer Discovery Award. An investigator who has previously received a Lung Cancer Discovery Award is not eligible for additional support.

ALA funds shall not be used to duplicate any work supported by other funding agencies. ***It is the responsibility of the applicant/awardee to notify the Assistant Vice President, Research of any potential budgetary or scientific overlap.*** This includes 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/awardee will have the option to choose between the ALA 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 ALA award will be subject to the current ALA 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 ALA 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, membership dues or tuition, 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 ALA.

Publication Expenditures

The maximum amount of funds expendable for publication costs is \$1,000 per year. All publication costs must directly relate to the ALA project.

Renewals

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

Tobacco Funded Research and Other Conflicts of Interest

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

ALA 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.

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Travel Expenditures

The maximum amount of funds expendable for travel is \$1,000 per year.

AMERICAN LUNG ASSOCIATION (ALA) 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 ALA must be reported at the earliest practical time to the Research Division. The grantee institution or individual awardee agrees to notify the ALA 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 ALA may have concerning such applications. The ALA 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 ALA 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 ALA 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 ALA no later than six months after first receipt of income. Such agreement shall be guided by the principle that the ALA proportion of sharing in the income shall be reasonably related to the ALA proportion of support for the invention or intellectual property.
- d. If any invention or intellectual property is made with the joint support of the ALA 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 ALA, 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 Division. At such time, the grantee institution and individual awardee shall give the ALA 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 ALA 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.
- g. The ALA reserves the right to public acknowledgement for inventions or intellectual property resulting from support by the ALA; however, the ALA name and logo may not be used in association with an invention or intellectual property without prior approval of the ALA.
- h. The ALA may have use of inventions or intellectual properties without payment of royalties or fees, but solely for use within the ALA for intramural purposes and not for any of its grantee institutions or individual awardees.