

Name of Grant: The CHEST Foundation and Association of Pulmonary and Critical Care Medicine Program Directors Award Research Grant for Medical Education

Application Deadline: April 27, 2020

Amount of Grant: \$10,000 1-year grant

Background: As the charitable foundation for the American College of Chest Physicians, the CHEST Foundation has a mission of championing lung health by supporting clinical research, patient education, and community service. More than 95 cents of every dollar raised by the CHEST Foundation goes toward advancing our mission-based programming. Since 1996, we have awarded more than 1,000 grants, totaling over \$10 million in funding for clinical research and community service projects. With a reach that spans from Texas to Tanzania, we are an important go-to resource for young investigators seeking research funding, and the projects we support lead to breakthroughs in the treatment of chest diseases and patient care.

The purpose of the Association of Pulmonary and Critical Care Medicine Program Directors (APCCMPD) is to facilitate education and excellence in clinical and research training in adult pulmonary and critical care medicine; provide a vehicle for communication among all training program directors and various organizations that deal with training of pulmonologists and critical care medicine specialists; and monitor and respond to developments in training, accreditation, credentialing, manpower, financing, and other issues affecting programs in pulmonary and/or critical care medicine.

2020 marks the inaugural year the medical education research grant is awarded jointly by the CHEST Foundation and the APCCMPD. Together, the CHEST Foundation and the APCCMPD are collaborating to advance graduate medical education and provide opportunities for scholarly activity that support medical educators in the field of adult pulmonary and/or critical care graduate medical education.

Research Proposal Focus

The CHEST Foundation and the APCCMPD invite applications for research projects related to adult pulmonary and critical care graduate medical education. Proposals may encompass any aspect of graduate medical education. Suggested topics, which are not meant to be exclusive, include the following:

- Identify and validate processes for assessing competency of trainees in pulmonary/critical care medicine.
- Validate novel training methods or training outcomes in pulmonary/critical care medicine.
- Identify methods and measures to allow translation of medical education into providing quality care.
- Identify the relationship between organizational change and medical education and how it affects patient care.
- Develop new educational methods using novel technologies.
- Develop novel tools or approaches to facilitate GME and training program processes.

Funding Guidelines

- The CHEST Foundation and the APCCMPD expect to award up to \$10,000 in fiscal year 2020 to support one or two projects. The number of awards is dependent on the number of high-quality applications and their individual budget requirements; it is not the intent of the CHEST Foundation and the APCCMPD that the awards be equal in size.
- Funding cycle is 1 year: September 15, 2019, through September 15, 2020.
- Funds may be used for direct research costs, as well as salary costs, for the Principal Investigator or associated research personnel.
 - Only direct costs will be allowed. Indirect costs associated with the project are not allowed.
 - If awarded, it is expected that the institution/division would support travel expenses to the 2020 CHEST Annual Meeting to accept the award and the 2022 APCCMPD Annual Conference to present the final results of the project. Travel expenses to accept the award and present the results should not be included in the proposed project budget.
- It is viewed favorably for the application to indicate institutional commitment to the project and to include fiscal support in addition to the grant funds being sought.
- Responsibility for the planning, direction, and execution of the proposed project will be solely that of the applicant and mentor, if present.

Applicant Qualifications

- CHEST and APCCMPD membership at time of application
- Applications may be submitted by pulmonary-critical care, pulmonary, or critical care programs, which are accredited by the Accreditation Council for Graduate Medical Education (ACGME). The ACGME-accredited program must acknowledge and agree to the terms of the applicant's application.
- Applicants must be licensed physicians. Physicians-in-training (residents or fellows), junior faculty within 5 years of program completion, associate program director, or program director with relevant experience will also be accepted.
 - Although applicants may be at later career stages, special consideration will be given to junior faculty and applicants in early stages of their career.
 - If the applicant is a fellow-in-training or associate program director, the project should be sponsored by a program director, and a formal mentor should be identified. The formal mentor and program director may be the same individual.
- Teams are encouraged to apply but must have a representative to serve as the Principal Investigator who will apply as an individual and will receive recognition, if awarded.
- IRB approval must be sought/received for all projects to ensure protection of subjects.
- Not-for-profit organizations and institutions are eligible to apply.

Requirements Once Funded

- Provide interim progress reports as requested.
- Provide final written report on the project addressing research and results by October 15, 2021.
- Provide final budget reconciliation of project funds.
- Submit for presentation the results from your project to the CHEST Annual Meeting within a year following grant completion.

- Present the results from your project at the 2022 APCCMPD Annual Conference. Expenses to attend the 2022 APCCMPD Annual Conference shall not be included in the project budget and must be supported by the institution.
- Maintain CHEST and APCCMPD membership for the duration of the grant project, including No Cost Extension (NCE) requests.

Expectations Once Funded

- Become active in supporting the CHEST Foundation, from sharing your story to help attract future grant applications, to volunteering your time to support CHEST Foundation activities.
- Join and participate in a CHEST NetWork closely related to grant project focus.
- The CHEST Foundation and APCCMPD require all manuscripts resulting from research projects where award funds were used acknowledge the use of The CHEST Foundation and Association of Pulmonary and Critical Care Medicine Program Directors Award Research Grant for Medical Education funds in the manuscript.

Required Narratives and Attachments

- *Applications and application components (including attachments) must be submitted in English.*
- *Applications and all required documents must be submitted prior to the deadline via the Grant Management System for consideration.*
- *No emailed or mailed proposals will be accepted.*
- *Current members of the CHEST Board of Regents, the CHEST Foundation Board of Trustees, or the APCCMPD Board of Directors are not permitted to write letters of support.*

Applications that do not meet the requirements, do not contain all mandatory components, and/or do not follow proper instructions for submission will not be considered.

Application Components to Be Addressed Within the Grant Management System:

1. Research Plan
 - a. Background/Importance (≤500 words)
 - b. Hypothesis/Aims (≤500 words)
 - c. Research Approach – include methods, protocols, expected outcomes, statistical analysis (≤500 words)
 - d. Investigative Team and Research Environment (≤500 words)
2. Lay Abstract (≤300 words)

Additional components that allow document uploads:

3. Bibliography Supporting Project Research
4. Budget – See CHEST Foundation Grant Resources Page for the Mandatory Budget Template
5. Current Curriculum Vitae – NIH Biosketch or General CV Accepted
6. Two Support Letters

Note: Current members of the CHEST Board of Regents or the CHEST Foundation Board of Trustees are not permitted to write letters of support.

- One from your institution
 - Young Investigator or Early Career – One from your supervisor or mentor
 - Later career stages – One from senior staff to whom you report
7. Human Subjects Involvement
- a. IRB status – IRB approval must be acquired no later than 3 months after receiving grant award.
 - i. The CHEST Foundation may rescind award if grantee does not receive IRB approval within 3 months of award.
8. Current W9 for Your Institution

Grantees can have no more than one active grant from the CHEST Foundation or APCCMPD per year.

The following individuals are not eligible to apply for CHEST Foundation-supported grants:

- **Active CHEST Foundation grantees, including active NCE requests.**
- **Family members of the CHEST Board of Regents, CHEST Foundation Board of Trustees, or APCCMPD Board of Directors.**
- **Members of the CHEST Foundation Board of Trustees, CHEST Board of Regents, CHEST Foundation Awards Committee, CHEST Foundation Community Service Work Group, or APCCMPD Board of Directors.**

Review Considerations

The CHEST Foundation will convene an Awards Committee, made up of representatives from the APCCMPD and the CHEST Foundation. The Awards Committee will evaluate applications and research plans that are complete and responsive to the RFP.