Request for Applications
ACCP RI Futures Grants: Students/Residents
2017

Request for applications released February 1, 2017
All applications must be submitted by June 1, 2017 (see pg. 3)
Applicants will be notified of award decision by August 15, 2017
Anticipate start of funding by September 15, 2017

All applications must be submitted online
(www.accpri.org/app4futures) by 11:59 PM Central Time (America/Chicago).

Questions may be addressed to Carla Scarborough at:
cscarborough@accp.com
ACCP RESEARCH INSTITUTE FUTURES GRANTS AWARDS

Program Description

The RI Futures Grants for students and residents are mentored research awards designed to provide support for the development of research skills among student and resident ACCP members with a goal of establishing sustained interest and careers in clinical pharmacy research.

Eligibility

Preference will be given to individuals whose prior experience, career plans, and letters of support indicate an aptitude for research, interest in formalized research training, and a career path with a significant research component.

Student and resident investigators are ACCP members who at the time of the award funding (September 15, 2017) will be in a:

1) Pharm.D., or a dual Pharm.D./Graduate degree program, or
2) Graduate degree program started immediately following earning an entry-level pharmacy degree (i.e., enter a graduate degree program within 6 months of earning entry-level pharmacy degree), or
3) Professional pharmacy degree program outside the U.S., or
4) Pharmacy residency training program.

ACCP Regents, RI Trustees, PPI Directors, and ACCP staff are not eligible to serve as investigators or mentors. Please contact the Research Institute with any questions regarding eligibility requirements.

Expectations

- Students and residents are expected to develop the research plan with their mentors.
- Research will be completed during the 1-year funding period. Student and resident awardees are expected to formally present and pursue publication of the outcomes of their work. ACCP meetings and/or the ACCP Virtual Poster Symposium are expected venues for presentation. Opportunities to present results at other appropriate meetings may be approved.
- All investigators accepting grants will agree to comply with RI reporting requests and applicable regulations for the protection of human subjects in research.

Principal Mentor

One-on-one mentoring is among the most effective strategies to develop the knowledge, skills, attitudes, and values of a researcher, especially for students and trainees. The value of such mentoring is optimized when the mentor can provide regular feedback regarding an individual's performance. Therefore, each applicant must identify one research/scholarly mentor from his or her institution with whom he or she will work. The investigator’s application must include the mentor’s letter of support, mentorship plan, and his/her biosketch (NIH 2015 version preferred).

The mentor is expected to direct each student or resident in all steps and facets of the research experience. It is anticipated that mentors will meet regularly with the applicant and provide opportunities for the applicant to advance his or her interest in pursuing a career in clinical pharmacy research.

Student and Resident Grant Awards are made in the name of the mentor with his/her institution.

Selection of Grant Award Investigators

The Grant Award Committee will base its decisions on the potential of the applicant, experience of the mentor in research and research training, and merit of the proposed research.

Investigators will be notified of award decisions by August 15, 2017.
INSTRUCTIONS FOR COMPLETING THE APPLICATION FOR
THE RI FUTURES GRANTS AWARD

Eligibility to Apply
Applicants are strongly encouraged to complete the required online eligibility form before beginning to prepare a full application. The eligibility tool will guide potential applicants to either the student/resident or junior investigator application. Applicants ineligible for the awards will also be appropriately advised prior to completing an application.

RI Futures Grants Award Application

All applications must be submitted online (www.accpri.org/app4futures) by 11:59 PM Central Time (America/Chicago) on June 1, 2017.

All uploaded documents must be formatted for 8.5 x 11 inch paper and use no smaller than 11 point font for text (smaller font allowed for figures and tables as long as legible). Overall length of the Research Plan is limited to 4 pages. Failure to adhere to these requirements may result in rejection of the proposal.

Applicants are encouraged to contact the ACCP Research Institute (Carla Scarborough at cscarborough@accp.com or (913) 492-3311) with any questions regarding application instructions, evaluation criteria, etc. The following items must be included in each application:

1. **Applicant Statement & CV/Biosketch**: A personal statement describing how the RI Futures Grant award will contribute to the applicant’s development as a researcher (**one page limit**); copy of the applicant investigator’s CV/biosketch.

2. **Principal Mentor Letter of Support, Plan, & Biosketch**: Signed letter from the principal mentor in support of the investigator’s application to the RI Futures Grants Award Program, a mentorship plan, list of previous trainees, and a copy of the mentor’s biosketch.

3. **Administrative Support**: Signed letter from the Dean (for Student applicants) or the Residency Program Director (for Resident applicants) in support of the investigator’s application to the RI Futures Grants Award Program.

4. **Project Summary & Relevance**: A succinct description of the proposed work, including the application’s broad, long-term objectives and specific aims, research design, and methods for achieving the stated goals. In no more than two or three sentences, the applicant describes the relevance of this research to clinical pharmacy (**one page limit**).

5. **Budget & Justification**: A detailed list of and justification for all direct costs to be incurred in the course of conducting the proposed research. Student and resident investigator awards will be up to $5,000 for 1 year non-renewable grants. Funds are for direct costs related to the conduct of the specific research project only. Funds will not be awarded for indirect costs, meeting registrations, travel, publication expenses, or salaries. Computers and equipment are not generally covered. In rare circumstances where a project requires hardware that is specific to the project and is not commonly available, investigators may request special consideration. Budgets are subject to revision by the RI prior to any award.

6. **RI Futures Grants Research Plan**: Includes Specific Aims and Research Strategy sections (**4 page limit**).
   a. **Specific Aims (**1 page limit**)**: Concise statement of the goals of the proposed research and summary of the expected outcome(s), including the impact that the results of the proposed research will exert on the research field(s) involved. Succinct list of specific objectives of the research proposed (e.g., to test a stated hypothesis, create a novel design, solve a specific problem, challenge an existing paradigm or clinical practice, address a critical barrier to progress in the field, or develop new technology).

   b. **Research Strategy (**3 page limit**)**: Each section ordered, as below, with appropriate section headers: Significance, Innovation, and Approach. Citation of published experimental details in the Research Strategy section, with full references in an appendix to the Research Strategy. References in the appendix do not count toward the total 4-page limit.
i. **Significance:** Explanation of the importance of the problem or critical barrier to progress in the field that the proposed project addresses. Explanation of how the proposed project will improve scientific knowledge, technical capability, and/or clinical practice in one or more broad fields. Description of how the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field will be changed if the proposed aims are achieved.

ii. **Innovation:** Explanation of how the application challenges and seeks to shift current research or clinical practice paradigms. Description of any novel theoretical concepts, approaches or methodologies, instrumentation or intervention(s) to be developed or used, and any advantage over existing methodologies, instrumentation or intervention(s). Explanation of any refinements, improvements, or new applications of theoretical concepts, approaches or methodologies, instrumentation or interventions.

iii. **Approach:** Description of the overall strategy, methodology, and analyses to be used to accomplish the specific aims of the project during the 1-year funding period. Discussion of any potential problems, alternative strategies, and benchmarks for success anticipated to achieve the aims. If there are multiple Specific Aims in an application, the applicant may address Significance, Innovation and Approach for each Specific Aims individually, or may address Significance, Innovation and Approach for all of the Specific Aims collectively.
Applications will be reviewed based upon criteria as follows:

**Overall Impact.** Reviewers will provide an overall impact score to reflect the likelihood for the project to exert an influence on the research field(s) involved. The following five core review criteria will form the overall impact score.

**Core Review Criteria.** Reviewers will consider each of the five review criteria below in the determination of overall impact.

- **Investigator(s).** Are the applicant and mentor well suited to the project? Do the applicant’s experience, career plans, and letters of support indicate a strong interest in research? Does the mentor have appropriate experience and training? Does the mentor have an ongoing record of accomplishments that have advanced his or her field(s)?

- **Environment.** Will the scientific environment in which the work will be done contribute to the probability of success? Is the institutional support available to the applicant adequate for the project proposed?

- **Significance.** Does the project address an important problem or a critical barrier to progress in the field? How will successful completion of the project advance the research skills of the applicant?

- **Innovation.** Does the application challenge and seek to shift current research or clinical practice paradigms by utilizing novel theoretical concepts, approaches or methodologies, instrumentation, or interventions? Are the concepts, approaches or methodologies, instrumentation, or interventions novel to one field of research or novel in a broad sense? Is a refinement, improvement, or new application of theoretical concepts, approaches or methodologies, instrumentation, or interventions proposed?

- **Approach.** Are the overall strategy, methodology, and analyses well-reasoned and appropriate to accomplish the specific aims of the project? If appropriate, are potential problems, alternative strategies, and benchmarks for success presented? Can the project aims be accomplished during the funding period?