

Fund Your Career Development: **AFPE and PhRMA Fellowships**

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American Foundation for Pharmaceutical Education (AFPE) Pre-doctoral Fellowships



- Awards Summary
- Eligibility & Criteria
- Application Components
- Best Practices
- Personal Experience

AFPE Pre-doctoral Fellowships



AFPE Award	Award Description	Eligibility	Application Instructions	Possibility of Renewal	Call for Applications	Due Date	Award Amount
Pre-Doctoral Fellowship in Pharmaceutical Sciences	Pre-Doc Award Description	Pre-Doc Eligibility	Pre-Doc Application Instructions	Yes	November 6, 2018	Part 1: November 26, 2018	\$10,000
Pre-Doctoral Fellowship in Health Outcome Disparities	Pre-Doc Health Outcome Disparities Award Description	AFPE fellow specifically for research of disease in underserved populations				Part 2: January 11, 2019	
Kappa Epsilon - AFPE Fellowship	-Kappa Epsilon Description		-	No	November 6, 2018	TBD	\$7,500
Phi Lambda Sigma - AFPE First Year Graduate School Fellowship	-Phi Lambda Sigma Award Description		Final year of PharmD/ enrolling in PhD or Master's	No	November 6, 2018	TBD	\$7,500
Rho Chi - AFPE First Year Graduate School Fellowship	Rho Chi Award Description		Rho Chi Application	No	November 6, 2018	May 1, 2019	\$7,500
Herb and Nina Demuth Memorial Award	Herb and Nina Demuth Memorial Award Description	Pre-Doc Eligibility	Pre-Doc Application Instructions	No	November 6, 2018	Part 1: November 26, 2018 Part 2: January 11, 2019	\$10,000
Dr. Paul B. Myrdal Memorial Pre-Doctoral Fellowship in Pharmaceutics	Dr. Paul B. Myrdal Memorial Pre-Doctoral Fellowship in Pharmaceutics Description	Pre-Doc Eligibility	Pre-Doc Application Instructions	No	November 6, 2018	Part 1: November 26, 2018 Part 2: January 11, 2019	\$10,000

<http://afpepharm.org/index.php/contact/grants-scholarships-and-awards/>

AFPE Fellowship Mission

Positively impact patient and public health by supporting high performing students who possess the skill and aptitude to become outstanding scientists and leaders in the pharmaceutical industry, academia, and the government/nonprofit sectors.



*“ Investing in Future Leaders in
Pharmaceutical Science Research and
Education”*

AFPE Fellow Eligibility & Criteria

- U.S. citizen or a permanent resident
 - Full-time student enrolled in a graduate Ph.D. program in pharmaceutical science administered by OR officially affiliated with a U.S. College of Pharmacy accredited by ACPE
 - At least 3 semesters of study completed in the current Ph.D. program
 - No more than 3½ years remaining to obtain the Ph.D. degree
 - May be a student enrolled in a joint Pharm.D./Ph.D. who has completed the equivalent of 3 full semesters of graduate credit toward the Ph.D. and will be awarded the Ph.D. degree within the next 3 years
- Demonstrated Superior Academic Achievement (Average Awardee GPA >3.8)
 - High Overall Ranking w/in Department
 - Exceptional Basic Science Knowledge
 - Display Strong Leadership
 - Prior Research Experience
 - Strong Relevant Laboratory Skills
 - Honorable Personal Character and Ethics
 - Strong Interpersonal & Collaborative Skills
 - Strong Written/Oral Communication Skills

AFPE Suggested Use of Funds

- The fellowship stipend may be used for a purpose decided by the awardee and college that will enable the student to make progress in their pursuit of the Ph.D., examples:
 - Stipend
 - Laboratory Supplies
 - Books
 - Materials
 - Travel
- None of the funds shall be used for indirect costs by the institution



AFPE Application Components

- Official Graduate School Transcripts
- Accomplishments (honors, memberships, publications)
- 3 Recommendations
 - 1 from major advisor/mentor
- Dissertation Synopsis
- Personal Statement (Career plans)
- Renewal: Progress Report



AFPE Best Practices for Application

Application Scoring

Research Plan/Experience (50%)

Academic Performance (35%)

Leadership/Character (15%)

- Make sure you are demonstrating you meet all of the criteria!
 - Ownership of research
- Start thinking about enhancing your CV early
 - Web or program based trainings (ethics, safety, etc.)
 - Smaller awards and honors
- Be thorough and organized
- Be direct and give specific examples
- Recommendations from people that can speak to different aspects of application
 - Give direction

AFPE Personal Experience

- Use of Funds:
 - Supplies for pilot in vitro studies
 - Travel to meetings/workshops
- Platform for Larger Grants
 - F31
- Transformation from student to “PI”
 - Budget management
 - Independence
- Enhanced Network



Pharmaceutical Research and Manufacturers of America Foundation (PhRMA) Pre-doctoral Fellowships

- Awards Summary
- Eligibility & Criteria
- Application Components
- Best Practices
- Awardee Testimony



PhRMA Pre-Doctoral Fellowship in Pharmacology/Toxicology Summary

- **Application deadlines:** September 1, 2019 @ 11:59 PM EDT. Notified of results December 15, 2019
- **Funding:** \$20,000 per year, up to two years
- **Goal:** Assist in the candidate's pre-doctoral training. Pre-doctoral fellowships should not be seen as a way to fund a research project

PhRMA Foundation Mission

Support young scientists in disciplines important to the pharmaceutical industry by awarding them competitive research fellowships and grants at a critical decision point at the outset of their careers. The aim is to encourage young scientists who will be the leaders of tomorrow to pursue careers in research and education related to drug discovery



We support the research and early career endeavors of scientists in drug discovery and development

PhRMA Fellow Eligibility & Criteria

- U.S. citizen or a permanent resident
 - **Only one application accepted per academic institution**
 - Full-time, in-residence pharmacology or toxicology students enrolled in U.S. schools of medicine, pharmacy, public health, dentistry, or veterinary medicine
 - Completed most of their pre-thesis requirements (at least two years of study)
 - Engaged in thesis research as Ph.D. candidates by the time the award is activated
- In advanced stages of training and thesis research
 - Highest priority will be given to applicants whose research will:
 - Attempt to integrate information on a drug or chemical's mechanism of action at the molecular or cellular level with a drug's effect in a human or laboratory animal
 - Describe the significance of a hypothesis being tested in the context of potential influences of biochemical, physiological, behavioral, or social systems

PhRMA Suggested Use of Funds

- This award provides \$20,000 in stipend support per year for one or two years
- Payments will be made directly to the university on a quarterly basis
- \$1,000 per year may be used for incidentals directly associated with the thesis research preparation (i.e. secretarial help, artwork, books, etc.)
- The program provides no other subsidies (travel, tuition, fringe benefit costs, etc.)
- PhRMA Foundation funds may not be used for indirect costs to the university



PhRMA Application Components

- Graduate School Transcript
- GRE/MCAT Scores
- 3 Letters of Reference
 - 1 from major advisor/mentor
 - 1 from department chair
- CV or Biosketch
- “Extended Letter” (Personal Statement/Career Plans)
- Thesis Project Description (*NIH Style Grant)
- Research Abstract
- Renewal: Progress Report



PhRMA Best Practices for Application

- Make sure you are demonstrating you meet all of the criteria!
 - Ownership of research
- Start discussions early with mentor and department chair/dean (1 application/institution)
- Be direct and give specific examples
- Be thorough and organized, watch formatting and grammar
- Research summary in NIH style grant format
 - Use diagrams/pictures/tables/figures
 - Include as much data as possible
 - Clear cut objectives and measurable outcomes
 - Objectives that can be achieved in the given time frame (1-2 years)

PhRMA Awardee Testimony – Kristin Bircsak (2014-2015)

- Use of Funds:
 - Stipend
 - Travel to meetings/workshops
- Application Process Improved Scientific and Persuasive Writing Skills
 - Applied 3rd and 4th year of graduate school
- Progress Reports
 - Help summarize data frequently
 - Easier to compile publications

Take Away Messages

- Start bolstering your CV early in your Ph.D. career
- Have a few people review your application
- Apply, apply and apply again
- Keep a template application, but tailor it to the specific award you are applying for
- BE ORGANIZED
- People who win awards...win awards