

2017 Medical Research Fellows Program at Janelia • Program Highlights

OVERVIEW

The HHMI Medical Research Fellows Program is seeking highly talented students with an interest in fundamental neuroscience and/or imaging at the cellular and molecular level for an intense year-long research training experience at the Janelia Research Campus, a world-class biomedical research center in Ashburn, Virginia. Students should have a proven track-record of research accomplishment and a commitment to a basic research field being pursued by Janelia investigators. Applicants receiving a fellowship will be matched with a research mentor at Janelia and will live and work on the campus, located in the Washington, D.C., area.

THE RESEARCH EXPERIENCE

Awardees will undertake challenging biological research using innovative and emerging technologies to

1. Discover basic principles underlying computation by neuronal circuits;
or
2. Develop new imaging technologies and computational methods for image analysis.

They will work with multidisciplinary teams of chemists, biochemists, neurobiologists, geneticists, physicists, computer scientists, mathematicians and engineers from around the world in a collaborative, creative, resource-rich environment.

LIFE OUTSIDE THE LAB

The Medical Research Fellows at Janelia will

- live among their peers in furnished, on-campus housing with numerous amenities and conveniences;
- attend workshops, seminars, conferences, journal clubs and other enrichment activities on campus;
- gain scientific knowledge and career advice at Medical Fellows regional group meetings; and
- share research with other HHMI Medical Research Fellows at an end-of-year science meeting.

FINANCIAL SUPPORT

- Annual stipend of \$32,000
- Research allowance of \$5,500 for research-related enrichment activities (Med Fellows regional events, HHMI investigator meetings, scientific conferences), research-related books
- Fellow's allowance of \$5,500 for health, dental, and vision insurance; education-related expenses; and moving expenses up to \$1,500 round-trip

ELIGIBILITY

- Medical, dental, and veterinary students attending schools in the U.S. may apply to either the Medical Research Fellows Program at Janelia or the standard Medical Research Fellows Program.
- Applicants should be well-prepared, highly committed, talented students with significant research experience and accomplishments.
- Applicants may not concurrently have two Medical Research Fellows applications in the HHMI Competition System (e.g., a Medical Research Fellows at Janelia application and a standard Medical Research Fellows application). It is highly recommended that those applying for the Janelia option have a mentor and project in mind at another fellowship institution in the event their prescreening application does not progress in the Medical Research Fellows at Janelia competition. Those not progressing past the Janelia interview stage are encouraged to complete the standard Medical Research Fellows Program application with a mentor at another fellowship institution by January 11.
- Students applying for a position as a Medical Research Fellow at Janelia must be able to start the fellowship year between May 1, 2017 and September 1, 2017. Those who are not U.S. citizens must have eligibility to work status by the award acceptance deadline on March 24, 2017.

APPLICATION PROCESS

- Online application in the HHMI Competition System: www.hhmi.org/competitions
- Prospective applicants should review the research underway at Janelia to determine if the projects being pursued meet their interests: www.janelia.org/janelia-research/labs.

Two-step application process:

- 1) An initial prescreening portion of the application is due by November 1 followed by interviews for selected candidates at Janelia in early December.
 - 2) Applicants progressing after interviews will be matched with a Janelia mentor, develop a research proposal with that mentor, and complete the remainder of the Medical Research Fellows Program application by January 11.
- Award notifications will be made on March 17, 2017.
 - Deadline for acceptance of awards is March 24, 2017.

Prescreening requirements:

Application to the Medical Research Fellows Program at Janelia is a two-step process.

The following prescreening application components must be completed and submitted in the HHMI Competition System by November 1st:

- Contact Information
- References' Contact Information
- Education
- Research Interests and Experience (*should not exceed five single-spaced pages*)*
- Research Experience
- Professional Activities
- Honors and Awards
- Publications (*if any*)
- Official undergraduate transcripts and MCAT score report

*Research Interests and Experience Statement: Describe in detail your specific research interests, and their relevance to the research focus area(s) you would be interested in pursuing at Janelia (review the Laboratories at Janelia: www.janelia.org/janelia-research/labs). Discuss why your research interest and experience, skills, scientific/technical expertise, etc. would make you an excellent candidate for the program at Janelia.

Two reference letters are to be submitted online directly by referees by November 1.

Applicants that advance after the prescreening stage will complete the remainder of the Medical Research Fellows Program application components by January 11:

- Dean's Contact Information
- Mentor's Contact Information
- HHMI Affiliations
- Personal Statement (*should not exceed one single-spaced page*)
- Project Title (*should not exceed 255 characters, including spaces and punctuation*)
- Research Plan Summary (*should not exceed 1,600 characters including spaces and punctuation, or approximately one-third of a single-spaced page*)
- Research Project Plan (*should not exceed four single-spaced pages*)
- Research Project Plan Citations (*should not exceed one single-spaced page*)

The following items are to be submitted by third parties by January 11:

- 1) Dean's confirmation;
- 2) Mentor's components (*CV, grant support, training record, applicant assessment letter, training plan*)

INFORMATION

For further information contact:
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