

February 17, 2017

Dr. Robert Schwartz, Interim Dean
College of Engineering
University of Missouri
105 Jesse Hall
Columbia, MO 65211

Dear Dean Schwartz,

Corning Incorporated is pleased to invite the University of Missouri to submit candidates to our Corning Graduate Research Fellowship program for the 2017 – 2018 academic year. You may submit up to 4 candidates. Participating universities are asked to ensure that a diverse slate of nominees is put forward (including historically under-represented minorities).

We are offering a grant of \$30,000 to \$60,000 in partial support of a one year, pre-doctoral fellowship for study in the area of Glass, Ceramics, Optical Sciences or Engineering. (The actual amount of the award will be determined based on your institution's tuition and fees.) If awarded to a University of Missouri student, this award is to be used toward the student's tuition and stipend. Fellowships will be renewable based on student performance.

In addition to the grant, fellows will be invited to complete a paid internship in R, D or E in Corning, NY during the summer of 2018. By applying to this Fellowship, applicants and their faculty advisors indicate a willingness to participate in this internship. Fellows will also be required to travel to Corning, NY at least once during the grant period to give a technical talk on their research and meet with scientists and engineers in R, D & E. Costs for travel and accommodations will be covered by Corning.

We would appreciate receiving your nominees' application packages by April 21, 2017. The attached "Terms and Conditions" pertain to submissions for the 2017-18 grants.

We look forward the University of Missouri's participation in the 2017-18 Corning Graduate Research Fellowship program. Additional terms and conditions are captured on the next page. Please do not hesitate to contact me should you have any questions.

Sincerely,

Dr. Michael S. Pambianchi, Research Director
Glass Research

CC: Dr. Mark D. Vaughn, Corning Graduate Research Fellowship Program Manager

Enc.: Submission guidelines and materials



2017-2018 Graduate Research Fellowship Program

Terms and Conditions

APPLICATION DEADLINE: April 21, 2017

Corning's Office of STEM is pleased to announce our Graduate Research Fellowship program for the 2017 – 18 academic year. Fellowships will include a grant of \$30,000 to \$60,000 in partial support of a pre-doctoral fellowship for study in the area of Glass, Ceramics, Optical Sciences or Engineering.

Terms

1. A student is eligible to apply for a Corning Graduate Research fellowship if:

- S/he is currently enrolled as a PhD student in a science or engineering program of study at one of the institutions invited to participate in the 2017 – 18 Corning Graduate Research Fellowship Program;
- S/he is one of the (up to 4) candidates selected by their institution to submit an nomination package;
- S/he has a formal PhD thesis advisor
- S/he is not from any U.S. Dept. of Commerce embargoed or export controlled country;
- S/he has a track record of demonstrated academic achievement and commitment

Note: Prior fellowship winners are eligible for consideration

2. REQUIREMENTS: Applicants must submit –

- A current academic transcript;
- A current resume and/or CV;
- Two letters of recommendation (one of which must be from the applicant's thesis advisor);
- A 1-2 page proposal detailing how the applicant would research one of the 2017 – 18 topics of interest (the list of the 2017-18 research topics is included in the next item);

All required materials for each of your school's candidates must be compiled and submitted electronically to OfficeOfSTEM@corning.com by April 21, 2017.



2017-2018 Graduate Research Fellowship Program

Terms and Conditions (continued)

APPLICATION DEADLINE: April 21, 2017

3. Selection will be based on student's GPA, their letters of recommendation and the alignment of their proposed research to Corning's research interests in one of the following areas:
 - Glass Structure-Property Relationships
 - Predictive Modeling of Liquidus Temperature and Viscosity
 - Fundamentals of Glass Relaxation
 - Glass Brittleness and Breakage
 - Chemical Durability of Glass
 - Acoustic Properties of Glass
 - Thermal Conductivity of Glass
 - Optical Properties of Glass
 - Glass Surfaces
 - Glass Formation under High Pressure Conditions
 - Heterogeneous and Structured Glasses
 - Glass Melting and Processing
 - Fiber Optics
 - Connectivity and Wireless Transmission
 - Information Display Systems
 - Augmented or Virtual Reality Systems
 - Laser Interactions with Materials

4. If awarded, the initial payment will be made by August 31, 2017.



2017-2018 Graduate Research Fellowship Program

Terms and Conditions (continued)

APPLICATION DEADLINE: April 21, 2017

5. The second and final payment will be made before the end of the 2017-18 academic year after receipt, by March 1, 2018, of:
 - An interim progress report on the Fellow's academic work, to include: GPA, advisor's brief evaluation of quality of work completed, and results of research to date.

and will be contingent upon:

- GPA maintained above 3.5/4.0
- Research results consistent with proposal
- Positive advisor evaluation

Conditions:

1. Fellows will be expected to travel to Corning, NY at least once during the grant period to give a technical talk and meet with scientists and engineers in R, D & E. Costs for travel and accommodations will be covered by Corning.
2. Fellows will be invited to complete a paid internship in R, D & E in Corning, NY during the summer of 2018. By applying to this Fellowship, applicants and their faculty advisors indicate a willingness to participate in this internship.
3. The faculty advisor will file with Corning Incorporated a final report evaluating the Fellow's work and progress at the conclusion of the 2017-18 grant period.
4. The institution will also submit to Corning a report detailing the expenditure of funds received under this grant. All funds for this Fellowship must be expended during the period for which the grant was awarded.
5. Once awarded, all funds shall be used specifically for the purpose(s) stated in Corning's transmittal letter. Any changes in the use of funds must be approved in advance.

Your compliance with these terms and conditions is appreciated.