

Emanuel Optical, Molecular, and Quantum Sciences Scholarship

Purpose: to support graduate students studying optical, molecular, and quantum science under OMQ faculty direction, in ways not provided normally by other avenues of support.

Goals: to increase and accelerate scientific success and professional development of all qualified students; and increase diversity of students, including those from outside the U.S.

Means: Provide support for students to engage in the following activities:

TYPE A:

1. visiting undergraduate colleges for recruiting students to the UO graduate programs
2. attending a summer school in relevant topics
3. attending a conference focusing on diversity in the sciences and higher education
4. traveling to home country for visa renewal purposes
5. participating as a mentor in UO undergraduate mentorship programs for increasing underrepresented participation in UO science programs (e.g., North Star)
6. other activities to be determined by OMQ in coordination with UO.

TYPE B:

7. writing and/or defending PhD thesis during penultimate or final enrolled term.

Type C:

8. attending the annual OMQ symposium (for incoming first-year graduate students)

Selection process:

Awardees of the Emanuel Scholarships for Type C will be granted to incoming first-year graduate students in good standing. Candidates will be nominated by the OMQ director and approved by the current Vice-President for Research and Innovation (VPRI).

For the Emanuel Scholarships Types A and B, awardees will be selected by the OMQ Committee on Emanuel Scholarships based upon the selection criteria below.

OMQ Committee on Emanuel Scholarships: This committee is comprised of three faculty members, at least one each from the physics and chemistry departments and the current Vice-President for Research and Innovation (VPRI).

The 2019-2020 committee (in alphabetical order): Michael Raymer, Julia Widom, David Wineland,
Chair ex officio: David Conover, VPRI

Selection Criteria for awarding Emanuel Scholarships

- 1st. Academic merit of the individual student
- 2nd. Merit of the proposed activity in relation to the student's goals and program's Purpose and Goals

Applications as described below for the Type A and B Emanuel Scholarships should be submitted to the OMQ Staff, including a reference from their research supervisor, and will be evaluated by the OMQ Committee on Emanuel Scholarships based upon the selection criteria.

Emanuel Optical, Molecular, and Quantum Sciences Scholarship

Application for Emanuel Scholarships SECTION A

Welcome to the Application for Emanuel Scholarships. Please complete this section if you are NOT applying for a stipend to support writing your PhD thesis. (If you are, please complete SECTION B instead.)

The Emanuel Scholarships aim to achieve the following:

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Goals: to increase and accelerate scientific success and professional development of all qualified students; and increase diversity of students, including those from outside the U.S.

This section applies to applications for the following types of support:

1. visiting undergraduate colleges for recruiting students to the UO graduate programs
2. attending a summer school in relevant topics
3. attending a conference focusing on diversity in the sciences and higher education
4. traveling to home country for visa renewal purposes
5. participating as a mentor in UO undergraduate mentorship programs for increasing underrepresented participation in UO science programs (for example, North Star).
6. other activities to be determined by OMQ and the UO.

Please provide the following information, in the following order, in an attached document sent by email to the OMQ Staff (omq@uoregon.edu).

A. Term during which your requested support is needed, the date by which you need to know if this scholarship support will be granted, and the amount of support needed (with supporting details).

B. Name of research supervisor (must be OMQ faculty) and a statement that the supervisor has agreed that you make this request and will provide a written letter to the committee supporting it.

C. The name and description of the activity for which you request support and the role you intend to fulfill in it (around 100-200 words). Please indicate which item in the above list it corresponds to and include copies of related documents or web links describing the activity.

D. A statement (of around 100-200 words) describing how the chosen activity will contribute to your professional development and long-term career goals.

E. A statement (of around 100-200 words) explaining any other ways in which the chosen activity will contribute to the stated goals of the Emanuel Scholarship.

Attach your CV or resume, listing in particular any conference presentations you have made or papers you have published.

Remind your research supervisor to submit a letter to the committee.

Awardees will be asked to provide a short description of their activities supported by the scholarship.

Application for Emanuel Scholarships SECTION B

Welcome to the Application for Emanuel Scholarships. Please complete this section if you are applying for a stipend to support completing the writing of your PhD thesis during your final or penultimate enrolled term, or for **partial** support for the term in which you intend **only** to defend your thesis. (If not, please complete SECTION A instead.)

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Goals: to increase and accelerate scientific success and professional development of all qualified students; and increase diversity of students, including those from outside the U.S.

Please provide the following information, in the following order, in an attached document sent by email to the OMQ Staff (omq@uoregon.edu).

A. Term (limited to one) for which you request support of stipend, tuition, and benefits, for the purpose of:

- i. completing your written thesis and defending your thesis, or
- ii. completing your written thesis but not defending your thesis, or
- iii. (only) defending your thesis

Please state which option you are applying for. Levels of support may vary for the different options. **For a student requesting support for only defending, the level of support will be adjusted accordingly.**

B. Name of your research supervisor (must be OMQ faculty) and a statement that the supervisor has agreed that you make this request and will provide a written letter to the committee supporting it. This letter must describe why the funding is necessary in order for you to focus fully on completing and/or defending your thesis during the stated term.

C. A statement (of around 500 words) describing your thesis topic, and how it serves your long-term career goals.

D. A statement (of around 100-200 words) explaining that you have completed virtually all the research needed, and justifying why you are on schedule to complete the writing of and/or defending the thesis during the term stated.

Attach your CV or resume, listing in particular any conference presentations you have made or papers you have published.

Remind your research supervisor to submit a letter to the committee.

Awardees will be asked to provide a short description of their activities supported by the scholarship.