

The Robert Rose Education Award in Hydrogen and Fuel Cell Technology

Application for 2019-20 Academic Year Due: July 26, 2019

ADMINISTERED BY
AMERICAN COUNCILS FOR INTERNATIONAL EDUCATION



IN COOPERATION WITH

BREAKTHROUGH TECHNOLOGIES INSTITUTE/ROSE INSTITUTE FOR STRATEGIC ENERGY (BTI/RISE)



Personal Information

Last Name: _____ First Name: _____

Middle Name: _____

Date of Birth (Month/Day/Year): _____ / _____ / _____

Place of Birth: _____

Place of Residence: _____

Address: _____

City: _____ Zip Code: _____

Current Phone: (____) - _____ Email: _____

Current Level of Study: master's doctoral post-doctoral

Place of Study: _____

Address (Street): _____ Building: _____

City/Region: _____ Index: _____

Phone (City Code): (____)-_____ Email: _____

Do you have a disability? Yes No If yes, please describe _____

*Important: This question is included only for statistical purposes; your response will not affect your eligibility in any way.

Gender: female male

What is your race/ethnicity? Please mark the one box that describes the race/ethnicity category with which you primarily identify. Applications from candidates of traditionally under-represented groups in the STEM fields are particularly encouraged.

- Hispanic or Latino: a person of Cuban, Mexican, Chicano, Puerto Rican, South or Central American, or other Spanish culture or origin, regardless of race.
- White: a person having origins in any of the original peoples of Europe, the Middle East, or North Africa.
- Black or African American: a person having origins in any of the black racial groups of Africa.
- Asian: a person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent including, for example, Cambodia, China, India, Japan, Korea, Malaysia, Pakistan, the Philippine Islands, Thailand, and Vietnam.
- Native Hawaiian or Other Pacific Islander: a person having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.
- American Indian or Alaska Native: a person having origins in any of the original peoples of North and South America (including Central America), and who maintains tribal affiliation or community attachment.
- Two or More Races: a person who primarily identifies with two or more of the above race/ethnicity categories.

Education

List all educational institutions you have attended, beginning with the one you attended most recently. In the column marked "Major Field of Study" list your area of specialization. In the column marked "Dates of Study" write the month and year that you first began studying and the month and year when you stopped studying at each institution. In the last column write the date you received your diploma.

Institution & Location	Major Field of Study	Dates of Study (Month & Year)	Degree or Diploma	Date Diploma Received
		START STOP		
		START STOP		
		START STOP		
		START STOP		

Professional Experience

List your most recent professional experience first and include all information requested. You will include a copy of your resume with your application, so there is no need to include more than the three most recent positions you have held.

Name & Type of Organization or Company (Number of employees)	Job Title & Dates of Employment	Responsibilities (Number of hours worked per week)

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Academic Awards

Please list, provide a date, and describe any awards or honors you have received.

Research

Describe any scholarly or professional research you have completed or in which you are currently involved, whether as a student or an employee.

Publications

List below any books, articles, or theses you have had published. Please give title, publisher, place and date of publication.

Professional Associations

List professional associations or other organizations in which you currently are involved or with which you have been involved in the past. Include approximate dates of affiliation.

International Students

Have you ever been to the United States on a J visa (exchange visitor)? Yes No N/A

If yes, please indicate in which program(s) you participated, the duration of the program(s), the dates of the program(s), and the organization or U.S. government agency that sponsored your program.

Personal Statement

Write a clear and detailed essay explaining your reasons for applying to the Rose Award. Explain how your background, education, and employment have prepared you to gain firsthand experience studying and working with leading US specialists in hydrogen and fuel cell technologies at PNNL. Explain what you hope to accomplish during your award, relevance to goals and resources of PNNL, and how this experience will help you achieve your professional and personal goals. Your essay should not exceed 500 words.

Emergency Contacts

Please list two people to be contacted in case of emergency while you are participating in the program.

Name: _____ Relationship: _____

Address: _____

City: _____ Zip Code: _____

Current Phone: (____) - _____ Email: _____

Name: _____ Relationship: _____

Address: _____

City: _____ Zip Code: _____

Current Phone: (____) - _____ Email: _____

Eligibility Requirements

- The Rose Award is provided on a competitive basis to US or international graduate students in a relevant STEM field at the M.A. and Ph.D. level and/or to recent graduates who are currently engaged in a relevant area of STEM study or research.
- For the 2019-2020 academic year, awards will be open to qualified applicants with U.S. citizenship or permanent residency in the United States.
- While future awards may focus on broader clean energy topics, the first round will focus on hydrogen safety, a key enabler for the widespread deployment and successful commercial viability of hydrogen and fuel cell technologies.
- Applicants for the Rose Award must have maintained a minimum GPA of 3.0 or equivalent and submit official transcripts of all college- and university-level coursework from the past five years.
- Applications from candidates of traditionally under-represented groups in the STEM fields are particularly encouraged.
- Rose Awardees will receive a stipend of \$35,000 to \$40,000 for the full program, payable in monthly installments for the duration of the program, health insurance, round-trip travel from their home to Washington, D.C., and then to Richland (WA), as well as a professional development subsidy for attendance at one professional conference. Additionally, American Councils program staff will provide necessary logistical and other support for Awardees over the course of their internship, including an orientation conference at the start of the program. There is currently no financial provision for the support of dependents of Rose Award recipients.
- Rose Award recipients are expected to remain in residence at the Pacific Northwest National Laboratory (PNNL) in Richland, Washington, for a period of 8/9 months following an initial one-month introductory seminar organized in cooperation with the US Department of Energy in Washington, DC. Competition for the Rose Award is merit-based and open to anyone who meets the following requirements:
 - Complete all PNNL requirements to gain access to the PNNL facility prior to the start date of their appointment.
 - Adhere to the existing policies, regulations and procedures of the PNNL facility during the appointment.
 - Follow PNNL guidelines and procedures for publications, copyrights and patents related to the Rose Fellowship award.
 - Follow the policies of the PNNL facility regarding intellectual property rights and dissemination of research information.

I certify that the information given in this application is complete and accurate to the best of my knowledge and that I have read the eligibility requirements. I understand that the final approval of my application and my status as a program awardee is dependent on my status at U.S. higher education institution.

Signature: _____ Date: _____

Required Order and Attachments

Please attach the following items to your application. Your application must be submitted to Adrian Erlinger, Program Manager (aerlinger@americancouncils.org) in the order given below by July 26, 2019 at 11:59 PM EST. Any documents that are not in English must be accompanied by a certified translation. Incomplete applications will not be considered.

1. Completed application form (pages 1-4).
2. Personal Statement (should not exceed 500 words).
3. Updated curriculum vitae or resume.
4. Two letters of recommendation (at least one from a current or recent faculty member). Letters of recommendations should comment on the candidate's qualifications, including technical skills as well as communication skills (both oral and writing skills).
5. Official copies of all university transcripts. One transcript from each institution of higher education attended must be attached. Each transcript must bear the stamp or seal of the department or faculty of the university that issued it. For the purposes of this program, a transcript is a listing of every course you took to receive your diploma, the number of hours devoted to each course, and the grade you received in each course.
6. Proof of Citizenship. Provide a photocopy of a birth certificate, passport, or proof of permanent residency.

Recruitment Question

Please indicate how you learned about the program (check all responses that apply). This information will not be used in the evaluation of your application. It will help the program administrators plan the advertising and recruiting campaign for next year.

- Research database
- American Councils for International Education
- Your Workplace
- Your University
- Friend
- Colleague

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RECOMMENDATION

Information about Applicant

To be completed by the applicant. Please print clearly or type.

Last Name

First Name

Middle Name

Field of Study

Recommendation

To be completed by an employer, professor, or lecturer who is familiar with the applicant.

Please complete the following form. Your candid, honest response will assist us in selecting successful candidates and placing them in programs that best meet their personal and academic goals.

In what capacity, and for how long, have you known the applicant? _____

Please rate the applicant in the following areas: (write and X in the appropriate box)

	Excellent	Good	Fair	Poor	Unable to Judge
Research & Writing Abilities					
Academic Performance					
Intellectual Capacity					
Motivation					

Please list the courses you have taught the applicant, if applicable:

Course	Year	Applicant's Grade

Please cite a concrete example of a specific accomplishment the applicant has made in his/her field.

Please describe this applicant's potential for contributing to the field of hydrogen safety, to enable the widespread adoption of hydrogen and fuel cell systems.

How has the applicant's academic and/or professional background prepared him/her for an opportunity to gain firsthand experience studying and working with leading US specialists in hydrogen and fuel cell technologies at Pacific Northwest National Laboratory (PNNL)?

Name and Title (please print): _____

Place of Employment or Academic Affiliation: _____

Address: _____

City/Region: _____ **Country:** _____ **Index:** _____

Work Telephone: _____

Email Address: _____

Signature: _____ **Date:** _____