

RECYCLING EDUCATION & RESEARCH FOUNDATION

1250 H Street NW, Suite 400 | Washington, DC 20005-5903 | (202) 662-8500

The U.S. scrap recycling industry is a sophisticated industry that completes the recycling chain between obsolete materials and new manufacturing. The industry itself is both labor and mechanically intensive, as scrap recyclers take old and new scrap metal, paper, plastics, electronics, textiles, glass, and rubber, and sort it into tradable and highly-valued commodities that manufacturers use as raw material to make new products.

Scrap recyclers process more than 130 million tons of recyclable material each year into raw materials used in manufacturing around the world. For more than 200 years, scrap recycling has been, and continues to be, integral to the U.S. economy, global trade, the environment, and sustainable development.

The Recycling Education and Research Foundation (RERF) is a 501(c) (3), and as the scrap recycling industry foundation, our mission is to ***sponsor projects which promote public awareness, education, research, and the advancement of recycling.*** Since 2010, RERF has sponsored a graduate scholarship to individuals seeking a graduate degree in programs that support the scrap processing or the recycling industry.

Recognizing the need for affordable graduate education, the foundation created a **\$5,000 national scholarship** open to graduates regardless of their affiliation with ISRI.

To begin to understand the challenges of the scrap recycling industry, ask yourself a few questions that the industry must deal with every day: how would you prevent contamination of paper in a one bin system; how would you separate aluminum from copper or from lead; or what other uses can be developed from scrap tires? These are the issues and questions that recyclers are faced with and are in need of answers to.

The industry needs individuals who are looking to provide solutions and to advance the industry with innovative technology and policies. We look towards the next generation to move the industry forward. If you have a passion for recycling and for the advancement of sustainability, we encourage you to apply and learn more about the scrap recycling industry.

Important Dates:

1. This application must be **received no later than June 1, 2021.**
2. Awards will be announced and notifications sent by **August 2021.**
3. Once approved, the scholarship award will be sent to the respective schools based on the information provided in the application. Checks will be made payable to schools, not students.

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Eligibility:

1. The applicant must be admitted to an accredited graduate educational institution as listed by the [U.S. Department of Education](#) and by the [Canadian Master Designation List](#). The applicant must be taking courses toward a graduate or doctoral program.
2. Board members of the Recycling Education and Research Foundation and their dependents, as well as employees of the Institute of Scrap Recycling Industries, Inc. and their dependents are not eligible to receive the scholarship.
3. The applicant should be studying in one of, but not limited to, the following fields listed below. If the applicant's field of study is not listed an application may still be submitted, provided it includes an essay answering how the field of study is applicable to the industry as a whole.

- | | | |
|--|------------------------------------|---|
| ▪ Architectural Engineering and Construction Science | ▪ Industrial Design | ▪ Renewable Energy and Sustainability Systems |
| ▪ Chemical Engineering | ▪ Industrial Engineering | ▪ Software Engineering |
| ▪ Economics | ▪ Industrial Technology | ▪ Supply Chain |
| ▪ Electrical, Electronic, or Computer Engineering | ▪ Manufacturing Engineering | ▪ Sustainability |
| ▪ Engineering Management | ▪ Marine Resource Management | ▪ System Engineering |
| ▪ Environmental Engineering | ▪ Material Engineering | ▪ Transportation and Engineering Management |
| ▪ Environmental Management | ▪ Material Science | ▪ Urban Planning & Design |
| ▪ Geo Engineering | ▪ Mechanical Engineering | ▪ Water Management |
| | ▪ Mining Engineering | ▪ Welding Engineering |
| | ▪ Paper Science | |
| | ▪ Public and Environmental Affairs | |

Requirements:

1. Completed application.
2. Answers to the essay questions (*In addition, if your field of study is not listed, an essay about why your field should be considered or added to the eligibility requirements*).
3. 2 original, signed, and dated letters of recommendation. Recommendation letters cannot be older than six month from application date.
4. A copy of your undergrad and graduate (if applicable) transcripts.

Submission (two options):

Email: NGrant@isri.org (*preferred*)

Mail: Natasha Grant, RERF Liaison, Institute of Scrap Recycling Industries, Inc.
RERF National Scholarship Program
1250 H Street, NW Suite 400
Washington, DC 20005

For more information contact Natasha Grant at (202) 662-8524 or ngrant@isri.org.

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Recycling Education and Research Foundation 2021 National Scholarship Program

Application for Scholarship

PLEASE TYPE OR PRINT

General Information:

Name:		Date of Birth:	
Current Address:			
City:		State:	Zip:
Home Phone:		Cell Phone:	
Email Address:			
Permanent Address:			
City:		State:	Zip:

Undergraduate School:
Undergraduate Degree:

Graduate School:			
Address:			
City:		State:	Zip:
GRE Scores – Verbal:	GRE Scores – Quantitative:	GRE Scores – Analytical:	
Field of Study:			
Fall semester tuition due date:			
Do you plan to attend full time? Yes No (circle one)			

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Essay Questions

Please answer the following questions.

1. Discuss your current graduate studies research and how it benefits and/or effects the scrap recycling industry.
2. Thinking beyond your research, based on your field of study, discuss ways you can influence and/or benefit the recycling industry.
3. After graduation and moving forward with your career, how will you become involved in the recycling industry?
4. On November 17, 2020 at the America Recycles Summit, the EPA announced the National Recycling Goal: *to increase the U.S. recycling rate to 50 percent by 2030*. A list of measures were developed to achieve this: 1) Reduce contamination in recycling; 2) Make recycling processing systems more efficient; and 3) Strengthen the economic markets for recycled materials.

Identify which measure your research will support and how it will help America achieve EPA's recycling goal.

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I, _____ (name of scholarship recipient if recipient is over 18 years old or the name of the parent of recipient if the recipient is under 18 years old), do hereby give and grant permission to the Recycling Education and Research Foundation, Inc. ("RERF"), the Institute of Scrap Recycling Industries, Inc. ("ISRI"), the irrevocable right, permission, and license to publish, reproduce, distribute, and/or otherwise use: (i) my/my child's name; and (ii) any photographic image or likeness of me/my child in conjunction with the announcement of scholarship awards, promotion of the scholarship program, or other publication of information related to the scholarship program. I hereby waive all rights of inspection or approval with regard to any publication, and/or other use of my/my child's name.

Name: _____

Signature: _____

Date: _____