

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 138 million tons of recyclable material 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) not-for-profit organization closely associated with the Institute of Scrap Recycling Industries, Inc. (ISRI). ***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 as a whole. Recognizing the need for affordable graduate education, the foundation created a **\$5,000 national scholarship** open to graduates regardless of their affiliation with ISRI.

Important Dates:

1. This application must be **received no later than June 1, 2020 extended to July 15, 2020 for maximum consideration**. Contact the RERF liaison if extension is needed.
2. Awards will be announced and notifications sent by **late August 2020**.
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, and will be **mailed by late August to early September**.

Eligibility:

1. The applicant must be admitted to an accredited graduate educational institution as listed by the [U.S. Department of Education](#). 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 the following fields listed below. However, if the applicant's field of study is not listed and he or she feels it should be included, 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
 - Chemical Engineering
 - Economics
 - Electrical, Electronic, or Computer Engineering
 - Engineering Management
 - Environmental Engineering
 - Environmental Management
 - Geo Engineering
 - Industrial Design
 - Industrial Engineering
 - Industrial Technology
 - Manufacturing Engineering
 - Marine Resource Management
 - Material Engineering
 - Material Science
 - Mechanical Engineering
 - Mining Engineering
 - Public and Environmental Affairs
 - Renewable Energy and Sustainability Systems
 - Software Engineering
 - Supply Chain
 - Sustainability
 - System Engineering
 - Transportation and Engineering Management
 - Urban Planning & Design
 - Welding Engineering

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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. Up to 3 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 2020 National Scholarship Program

Application for Scholarship

PLEASE TYPE OR PRINT

General Information:

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

Undergraduate School:
Undergraduate Degree:
Undergraduate GPA:

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)		

Employer:		
Address:		
City:	State:	Zip:
Phone:		

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Essay Questions:

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.

To begin to understand the challenges of the industry, ask yourself a few questions, that the industry must deal with every day: how would do 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? The challenges of recycling have given rise to new and innovative technologies as the recycling industry adapts to an ever changing marketplace of goods.

Please answer the following questions.

1. Discuss your research interests and include what, if any, research you have already done, and how it benefits and/or affects the scrap recycling industry. **No more than 500 words.**
2. Today's recycling industry is innovative, competitive, and capital-intensive. Sophisticated machinery is used to process scrap materials, while advanced high-tech methods are used to sort the materials into pure streams of specification-grade commodities used in manufacturing.

The recycling industry is always evolving and adapting to new materials that are entering into the recycling stream. In a short essay explain how recycling is changing and how your degree and research will benefit the recycling industry and help the industry move forward benefitting communities, the environment, and the economy. **No more than 500 words.**
3. What do you see yourself doing after graduation and how it will affect the recycling industry? **No more than 250 words.**
4. Describe your current relationship/interest to the scrap recycling industry. **No more than 250 words.**

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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: _____