



**2023-2024 ASME MER Division
FLOYD HASSELRIIS EDUCATIONAL SUPPORT
\$8,400 in Educational Support Awards**

In an effort to stimulate the interest of students in solid waste management and related fields, and to support colleges and universities that offer curriculum or courses in solid waste management and related fields, the ASME Materials & Energy Recovery Division (MER Division) offers the Floyd Hasselriis educational support program with awards totaling \$8,400. The educational support award amounts will be divided and shared between the winning student and his or her school.

Application for MER Division Educational Support

RULES AND REQUIREMENTS

Purpose: To provide financial support for students participating in solid waste management related curriculum or courses at a college/university and for the colleges/universities that offer such curriculum or courses.

Awards: Total awards have been budgeted at \$8,400 shared between the students and their respective college/university. The academic institution's portion of the award will be \$800 for each recipient. The number of awards will be three; \$2,000 to the student and \$800 to the university.

ASME-MER-Division will provide a complimentary one-year membership in the ASME Materials & Energy Recovery Division to each student submitting a completed application.

Eligibility

- North American (including Alaska, Canada, Hawaii, Mexico and Puerto Rico) colleges and universities with environmental programs that include solid waste management, environmental studies and related curriculum or courses.
- Applicant must be a member (or a student member) of ASME, with Materials & Energy Recovery Division as a chosen Technical interest (choice 29 on the membership form). Note: Include ASME membership application (without the membership fee, which will be paid by ASME-MER for the first year) along with the completed Educational Support application.
- **For Graduate Educational Support:** Students having environmental curriculum with solid waste related coursework and entering or currently enrolled in a Graduate School. M.S. candidates who are currently enrolled in the solid waste management related field and plan to continue in the second year of a two-year M.S. program in 2023-2024; M.S. candidates who are currently enrolled in the solid waste management program and who plan to continue on for a Ph.D. in 2023-2024. Their studies must be in the college or university with which the application is jointly submitted.

- **For Undergraduate Educational Support:** Full time undergraduate students who plan to continue their undergraduate studies in the school year 2023-2024. Seniors who expect to graduate after the 2023 fall term are eligible. Enrollment must include solid waste management related course(s). Current studies and studies through 2024 must be in the college or university with which the application is jointly submitted.
- One or more of the following subjects are considered as courses in solid waste management related field: Waste reduction and recycling; waste transportation and management; disposal alternatives and economics; waste-to-energy; thermal and non-thermal technologies for waste disposal; co-disposal of wastes; mathematical modeling; composition analysis and combustion characteristics; environmental impacts and regulatory matters; air pollution control; ash characteristics, stabilization and reuse/management; water usage and its minimization, including wastewater management in solid waste facilities, public policies and education for waste management. (This is not a complete list. A school may suggest other solid waste management related courses in its curriculum).
- *Previous student winners of Materials & Energy Recovery Division Educational Support Awards are not eligible.*

2023 KEY DATES

July 31, 2023: Application due date

August 31, 2023: Winners selected and notified.

November 2023: Awards disbursed on receipt of evidence of the winning student's full-time enrollment in graduate or undergraduate school as appropriate and taking approved courses or engaged in approved research project(s).

Application: Form provided to be completed jointly by faculty member and student and to include or be accompanied by:

A. From Faculty Member

- Description of the school's environmental program including solid waste management related curriculum or courses, including Materials and Energy Recovery.
- Identification of undergraduate and graduate courses offered in the program. Include courses, which are related to or include, but are not exclusively devoted to, solid waste management.
- Number of students in the undergraduate and graduate programs by courses or areas of study.
- Future plans for the solid waste management curriculum or courses offered.

- Proposed use of the school's portion of the award money. Please be specific. It is not intended that it be applied to the student's tuition or other personal expenses.

NOTE: Please submit only pertinent information. Submission of school catalog pages, courses descriptions, magazine articles, etc. with much extraneous information only make the judge's task more difficult. Please make your submissions ten pages or less.

B. From Student

- Statement of intent to pursue a branch of engineering as a career or professional certification sought.
- One to Two-page statement of interest in solid waste management related field including what the applicant envisions as his/her possible role in the field (planning, consulting, design, construction, teaching, research, facility operation or management, regulatory agency, municipal government, etc.).
- Information on any experience in the solid waste management related field. Provide details of current position if employed in solid waste field.
- Copies of any papers the applicant has written on any aspect of solid waste management.
- Information on proposed 2023-2024 studies. At least one course or research project in the fall term must be related to solid waste management.
- Evidence that application has been submitted for admission for 2023-2024.
- List of current courses taken.
- Transcript for previous college years.
- Information on previous degrees.
- Letter of recommendation from faculty advisor or department head.

Judging: By committee appointed by ASME Materials & Energy Recovery Division members.

Basis for award(s): Best qualified and most promising, in the opinion of the judges, based on the application and accompanying submissions. Consideration will be given to the student's statement of interest in solid waste management including energy and/or materials recovery, quality of the school's program, number of students in the program and the school's proposed use of its portion of the award money. The Materials & Energy Recovery Division reserves the right to request additional information from or make further investigation of applicants to be the sole judge of the qualifications of applicants to judge the acceptability of proposed study courses and research projects and to withhold awards if the judges determine there are no sufficient qualified joint applicants.



A recipient may be disqualified for failure to include in his/her 2023-2024 school year program at least one course or research project that, in the opinion of the judges, is related to solid waste management or to enroll in his/her proposed graduate program.

Each qualified recipient will be notified of the award by electronic letter sent with return receipt requested to the address given in the application and a copy to the facility co-applicant. If a student winner fails to acknowledge and accept the award in writing to the Educational Support chairperson within thirty (30) days after receipt of the letter of notification, his/her award will be forfeited and will be offered to another applicant.

The school will forfeit its portion of the award if the student is disqualified or forfeits the award for any reason other than failure to enroll in the graduate program for the 2023-2024 school year because of physical disability.

For further information or application forms, contact:

Lori Clark

MER Floyd Hasselriis Award Chair

Email: lbclark@stlawu.edu

St. Lawrence University, Memorial Hall, Canton, NY 13617

T. (805) 298-6666

Note: Electronic submission of documents except for the letter of recommendation from faculty, which is to be mailed or submitted by email from the faculty account, is accepted. Attached file size limit is 10 megabytes total.



APPLICATION
ASME MATERIALS & ENERGY RECOVERY DIVISION
FLOYD HASSELRIIS 2023-2024 EDUCATIONAL SUPPORT

Part I: To be completed by Faculty Member
Part II: To be completed by Student Applicant
(Please type or print all information)

Part I

College/University _____

Tax I. D. Number: _____

Location: _____ City: _____ State: _____

Faculty member submitting application:

Name: _____ Date: _____

Title: _____

Department: _____

Mailing Address: _____

Phone Number: _____ E-mail address: _____

Proposed use of school's portion of Award -see Item A (on the information page)

Award Check Payable to: _____

Individual to receive and disburse the Award:

Name: _____

Title: _____

Department: _____

Mailing Address: _____

Phone Number: _____ E-mail address: _____

Include the following in an attachment to this application:

- 1) Description of the school's environmental program and solid waste management related courses.
2) Identification of undergraduate and graduate courses offered in the program - see Item A
3) Number of students in the undergraduate and graduate programs by courses or areas of study.
4) Future plans for the environmental program and solid waste management related courses, including Materials and Energy Recovery.

Complete this application and return, with attachment, by July 31, 2023 to:

Lori Clark, Visiting Professor in Environmental Studies

St. Lawrence University

Memorial Hall

Canton, NY 13617

Mobile: (805) 298-6666

Email: lbclark@stlawu.edu



ASME Material & Energy Recovery Division
Floyd Hasselriis 2023-2024 Educational Support
Part II: To be completed by Student Applicant

Part II

Name: _____ Date: _____

Social Security # (Provide when requested): _____

Circle as relevant: Graduate Curriculum Undergraduate Curriculum
 Research Curriculum Employed in Solid Waste Field

Degree or Professional Certification sought in: _____

Expected graduation Date: _____

Permanent Home Address: _____

College Address: _____

Phone Number: _____ E-mail address: _____

Send Correspondence to: Home College Address

Proposed Solid Waste Related Course (s) in 2023-2024 School Year (at least one in fall term; indicate which): _____

The following must accompany this application:

- 1) A statement of your intent to pursue a branch of engineering as a career, or a description of your work and responsibilities, if employed in a solid waste related field.
- 2) 1-2 page statement of your interest in solids waste management related field and your perception of the importance of good solid waste management including materials and/or energy recovery towards protection of the environment.
- 3) Information on any prior experience you have had in the solid waste management field, including Materials and Energy Recovery.
- 4) Copies of any papers you have written on any aspect of solid waste management. If none, check here ().
- 5) A list of courses for the current school year, if applicable.
- 6) A list of proposed courses for the 2023-2024 school year.
- 7) A transcript of your previous college years.
- 8) A letter of recommendation from your faculty advisor or department head.

NOTE: 2023-2024 studies must be at the college/university name in Part I of this application.

Complete this application and return, with attachment, by **July 31, 2023 to:**
Lori Clark, Visiting Professor in Environmental Studies
St. Lawrence University
Memorial Hall
Canton, NY 13617
Mobile: (805) 298-6666
Email: lbclark@stlawu.edu