

NSERC-CREATE: Leaders in Energy Sustainability (LES) Application

APPLICANT INFORMATION					
Name			Student Number (if available)		Date of Birth
			B00		
CURRENT ADDR	RESS				
Street Address	/City				
Province		Country		Postal (Code
Dalhousie Ema	il (primary point of contact)	Secondary Email	Phone num		number
VOLUNTARY SE	LF-IDENTIFICATIO	N			
The LES program and Dalhousie University are committed to encouraging diversity in research. Completion of all or part of the information in this section is voluntary and will be used only to keep track of how many participants are from each group. You may decline to answer any or all of the questions in this section.					
Please indicate	your gender ide	entity:			
Man	Woman	Gender Dive	erse	Prefer r	ot to respond
Do you conside	er yourself to be	racially visible? Prefer not to respond			survey, racially visible persons Caucasian in race or non-white
Do you conside Yes	er yourself to be	an Aboriginal person? Prefer not to respond	people who ide	entify as Fi	urvey, Aboriginal persons are rst Nations (Status, Non- uit, or North American Indian.
Do you conside	er yourself a per	son with a disability?	For the nurnos	as of this	survey persons with a disability
Yes	No	Prefer not to respond	For the purposes of this survey, persons with a disability are people who have a long term or recurring physical, sensory, mental, psychiatric or learning impairment.		
PROGRAM INFORMATION			CITIZENSHIP		
Applying as (ch	noose one):		Please selec	ct:	
Masters		Ph.D.	Canadian Citizen		Citizen
Start Date:			F	Permane	nt Resident
Start Date.			S	Student \	/isa Study
Year of Study:			c	Other- Sp	pecify:
Program:			Country(s) o	f Citizen	ship:





Energy Sustaina	ability						
ACADEMIC TRAINING							
TRANSCRIPTS							
Transcripts (an unofficial application package.	copy of t	ranscripts is acce	ptable at th	nis stag	e) must l	oe included	in the
ACADEMIC HISTORY							
Degree (1)	Major		GPA			Date Award	ded
Institution/Country		Department			Disciplin	e Group	
Degree (2)	Major		GPA			Date Award	ded
Institution/Country	-	Department			Discipli	ne Group	
PROFESSIONAL EXPERIEN	CE						
All publications -ir distinctions and a Any other relevan	nclude the wards red	esis title & status ceived	•			_	
REFERENCE LETTERS Applicant must submit 2	signed re	ference letters as	part of ap	plication	า.		
Referee Name	Addr	ess		Email /	Address		Letter sent separately?
APPLICATION CHECKLIST	1						
Transcripts of previous	ous degre	ees					
An up-to-date CV ir experience			ant distino	tions a	nd award	ls, and any	other relevan
Two signed reference							
Program agreemen Appendix A).	t letter co	ontirming full parti	cipation, s	igned b	y applica	ant and sup	ervisor(s) (see





APPLICANT SIGNATURE

I hereby certify that all of the above information and all information on supporting documents are correct and complete. I agree that any award made to me as a result of this application will be subject to the general conditions governing NSERC scholarships, the LES CREATE program, and Dalhousie University including any revisions, deletions or additions made to them in the future.

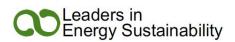
If awarded an NSERC CREATE training award, I agree to fulfill the requirements of the program, including the participation in at least three terms of mandatory workshops, industry tours, seminars, special events, and group meetings, in addition to working with a mentor (conducting an informational interview and schedule at least six structured mentoring meetings), and completing a placement (not mandatory but highly encouraged).

Applicant name (print):	Signature:
, the manner (brint).	
Date:	
<u></u>	
Please send completed application form, Transcripts, 0	CV and reference letters as a single PDF to
LES.energy@dal.ca.	
<u>LLS.eriergy@dai.ca</u> .	

NSERC CREATE: LES, 2022







APPENDIX A – PROGRAM AGREEMENT LETTER

The Leaders in Energy Sustainability (LES) training program empowers trainees with research excellence skills by working with international leaders in battery technologies, photovoltaics, solar fuels, renewable energy integration, techno-economics, and comprehensive systems thinking, and will enable them to investigate the economic, social, and environmental considerations involved in various sustainable energy solutions.

Trainees are required to attend at least 80% of LES activities. If attendance drops below 80%, the trainee and supervisor will be advised that the trainee is being placed on 3 months' probation. Should the attendance record not increase to 80% or greater at the end of 3 months, funding will be canceled. Extenuating circumstances will be taken into consideration by the Management Committee. Any planned absence must be discussed in advance with the trainee's supervisor and the program coordinator. Any absences not discussed in advance will be followed up by the program coordinator and absence reports will be sent to the supervisors.

The mandatory aspects of the program include:

Research, Social & Environmental Acumen, and Professional Development Workshops

Trainees are required to attend at least three terms of the Research, Social and Environmental Acumen and Professional Skill Workshops during the course of their traineeship.

Research Group Meetings

Once per Term- a meeting of the entire CREATE LES cohort (trainees, their supervisors, and mentors) to discuss the projects undertaken in each group, opportunities for interdisciplinary research, methodological challenges, brainstorming and providing feedback.

Energy Current Events Club

Once per Term- a trainee-led meeting to discuss recent news on new federal and international policy, science and engineering breakthroughs, new announcements of major projects or disasters that may impact the future of sustainable energy R&D.

Annual Research Day

An opportunity to communicate work to academic and industrial professionals. The Research Day will include (1) a research poster competition with awards, where trainees present their findings and will be recognized, (2) a mixer that will allow interaction with stakeholders and industry. This annual event will include an additional day for a LES trainee-led symposium including talks by the trainees, a trainee-selected key-note speaker, and panel discussion.

Mentorship

LES trainees will be connected to a mentorship network, including professionals from industry, government, and NGOs with (inter)national influence on sustainable energy transitions. Online or in-person meetings (e.g., monthly) will enable trainees to discuss their career paths with someone, who is interested in their success, and gather information about the workplace environment. Trainees are expected to conduct one informational interview with their mentor in order to draft the mentor's biographical sketch, and schedule at least six structured meetings, focusing on their mentoring goals.

Q&A/Panel on Community Research

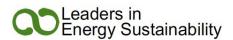
Dal faculty and beyond will be invited to speak to their experiences working with communities to solve problems with research.

Annual Industry, NGO & Government Tour and Workshop

LES trainees will tour local and regional sustainable energy related industries, NGOs, and/or government facilities.







Participation in the following optional activities is encouraged for full enrichment through the program:

On-site placement

To facilitate student transition into professional positions, PhD and MSc trainees are encouraged to undertake a minimum of 3-4 months on-site placement in industry, government, NGOs, or business development sectors.

SURGE Science Innovation Sandbox

At the discretion of trainees' supervisors and mentors, LES trainees are recommended to participate in the innovation, commercialization, entrepreneurship training, provided by the SURGE Science Innovation Sandbox.

Your signature indicates that you understand that failure to participate in the program elements above will result in cessation of your traineeship.

SIGNATURES		
Applicant name (print)	Applicant signature	Date
Supervisor name (print)	Supervisor signature	Date
Supervisor name (print)	Supervisor signature	Date

NSERC CREATE: LES, 2022



