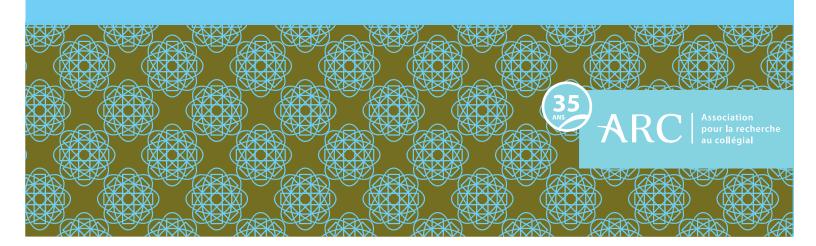*2022-2023 EDITION*

ARC Student Prizes

The purpose of the ARC Student Prizes is to promote and acknowledge the value of student participation in college research-learning activities across all programs and disciplines. The first prize is a $1,500 scholarship, the second a $1,250 scholarship, and the third a $1,000 scholarship. Furthermore, the *Relève étoile* designation and a $1,000 prize will be awarded to one student in each of the three research sectors: Society and culture, Health, and Nature and technologies.

Deadline for submitting an application: Monday, April 10, 2023

35 ANS   **ARC** | Association pour la recherche au collégial

WHAT IS ARC?

The mission of the Association pour la recherche au collégial, founded in 1988, is to promote college research by representing the interests of individuals and groups engaged with such research, by organizing activities to recognize excellence in college research, and by providing services to the college research community.

Eligibility

Eligible research is any research conducted within a public or private Québec college or Canadian French-language school by a candidate enrolled in a program of college studies[1], in one of the three following research sectors: Society and culture, Health or Nature and technologies. A Québec student enrolled in an institution outside Québec is also eligible to be a candidate, if that person provides evidence of residence in Québec. Research may have been conducted by an individual or a team as part of a program of college studies, a course, an internship, an extracurricular activity, or employment as a research assistant, during the academic year 2021-2022 or 2022-2023. For the purpose of the competition, research is considered to be any approach aimed at advancing knowledge through a structured study or systematic investigation by students. Research projects that did not receive one of the three ARC Student Prizes may be submitted a second time. Applications that are incomplete or that do not meet the requirements set out in this document will be considered ineligible.

Conditions for participation and evaluation criteria

The ARC Student Prizes competition involves two stages: the first is an evaluation of the portfolios submitted; the second is an evaluation of the oral presentations by the students who submitted the three best portfolios.

—First stage

The first stage involves submitting a portfolio, in French or English, which ARC must receive by **Monday, April 10, 2023**. The portfolio will contain two or three documents, depending on whether the candidate is submitting it for an ARC scholarship, or for an ARC scholarship and the *Relève étoile* designation.

The portfolio must contain two types of documents:

1. One participation form per student
2. A research project description in popular-science language (maximum of five pages, in 11-point Times or Arial font, with 2.54 cm margins) per candidate
   - A summary of the research activity (clear issue, concise methodology, final or preliminary research results, and conclusion of the research activity) maximum of 1,500 characters, including spaces, which must be provided in French; English version is optional
   - A description of the research activity (summary of the research issue, the objectives, the methodology, and the results obtained), in French or in English
   - In the case of a joint research project by two or more people, an anonymous and specific description of the contribution of each team member, in French or in English
   - A description of the dissemination of research results, where applicable, in French or in English

Five criteria are used to evaluate the portfolio in this first stage of the competition.

- Choice of subject studied (originality, complexity, and relevance): 10 points
- Description of research issue and target objectives: 15 points
- Description of methodology used and results obtained: 15 points
- Attention given to overall presentation (for example, relevance and identification of the visuals, timeliness and completeness of references): 5 points
- Correctness of language used: 5 points

If an individual wishes to submit his or her application for the designation *Relève étoile*, the portfolio for the ARC Student Prizes must contain two other documents:

3. A letter (maximum of two pages in 11-point Times or Arial font, with 2.54 cm margins) in which the student explains his or her interest in research, aptitudes for research, and intentions regarding further academic study, in French or in English
4. A curriculum vitae (education, experience, and publications)

Four criteria are used to evaluate the letter and the curriculum vitae.

- Education and experience
   - Education: 5 points
   - Experience: 10 points
- The candidate's motivation
   - Interest in research: 10 points
   - Aptitudes for research: 10 points
   - Intentions regarding further academic study: 5 points
- Attention given to presentation of the document (originality, creativity, personalization): 5 points
- Correctness of language used: 5 points

Lastly, there must be coherence between the research portfolio submitted and the applicant's future project.

---

[1] Through its Programme d'appui à la francophonie canadienne, and thanks to a grant received from the Secrétariat du Québec aux relations canadiennes, ARC will be able to support the participation of Francophone students from outside Québec who wish to submit an application for the competition.

—Second stage

The second stage of the competition will take place at the annual ARC colloquium held as part of the 90th Acfas conference, online, on **Monday, May 8, 2023**. This is when the finalists must present their research findings in an oral presentation of a maximum duration of 13 minutes, in either French or English. Any visual aids (transparencies, PowerPoint presentations, etc.) must be in French.

There are four evaluation criteria at the second stage of the competition.
- Quality of the presentation (quality and correctness of the language used and clear explanation of the science): 10 points
- Attention given to overall presentation (liveliness, attitude and, where applicable, coordination among participants): 5 points
- Mastery of the subject (accuracy of discourse and coherency among the participants): 5 points
- Relevance and quality of visual or other techniques used (method of presentation and used of selected medium): 5 points

The first, second, and third prizes will be awarded based on the evaluation of the oral presentation. It is therefore necessary to participate in both stages of the competition in order to be awarded a prize. The *Relève étoile* designation will be awarded based on the quality of both the letter and the curriculum vitae.

Evaluation methods

The first jury, made up of previous winners of the ARC Student Prizes as well as representatives of the research network, will study the portfolios and choose the three best ones. This jury will also choose the three students who will receive the *Relève étoile* designation, allocating one per research sector. All applications will be processed in keeping with ethical principles that are strictly adhered to by ARC staff and jury members. The second jury participates in the second stage of the competition by attending the oral presentations and choosing the prize winners.

Prizes

The ARC Student Prizes are also supported by the Fonds de recherche du Québec, the Secrétariat du Québec aux relations canadiennes, Acfas, and COOPSCO. The first prize offered is a $1,500 scholarship, the second a $1,250 scholarship, and the third a $1,000 scholarship. In addition, the winners also receive non-cash prizes. The Association agrees to produce a scientific poster in French for each one of the three winning projects. Acfas will cover the conference registration fees for the finalists. Winners will also become members of ARC for one year and COOPSCO awards each prizewinner a gift card. Furthermore, each of the three Fonds de recherche du Québec is offering a *Relève étoile* designation accompanied by a $1,000 prize. As a sign of appreciation for their work in training and supervising students, those responsible for the course or activity within which the activity was conducted also receive a one-year ARC membership.

Awarding of prizes

The 2022-2023 ARC Student Prizes, including the *Relève étoile* designations, will be awarded in Montreal, on **May 8, 2023**, during the ARC colloquium (*Durable, la recherche collégiale ?*) held as part of the 90th Acfas conference. The event will also be webcast.

Le présent appel de candidatures est disponible en français sur le site Web de l'ARC.

PRIZES AND DESIGNATIONS FROM LAST YEAR

2020-2021

1st prize
Julie Chiasson, cégep Édouard-Montpetit, for *Accessibilité aux orthèses visuelles pour la population en situation d'itinérance : revue de littérature*. Supervisor : Julie B. Côté (Visual orthotic techniques).

2nd prize
Malie Enault, cégep de Saint-Hyacinthe, for *Imagerie hyperspectrale dans le contrôle qualité des aliments*. Supervisor : Michaela Skulinova (Cintech Agrolimentaire).

3rd prize
Enric Soldevila, Mathis Laroche and Matys L'Abbée, collège de Maisonneuve, for *Aliot : un environnement numérique pour un apprentissage accessible et interactif de la programmation des objets connectés*. Supervisor: Jihene Rezgui (Computer Science and researcher).

***Relève étoile* designation for the Society and culture sector**
Julie Chiasson, Visual orthotic techniques, cégep Édouard-Montpetit.

***Relève étoile* designation for the Nature and technologies sector**
Arthur Légaré, Natural sciences, cégep Garneau.

***Relève étoile* designation for the Health sector**
Marianne Régis, Natural sciences, cégep de l'Outaouais.

If the proposal is submitted by a group and the names of group members are to appear in an order other than alphabetical, please list the order in which the names are to appear below ☐.

If the proposal is also submitted for a Relève étoile designation, please check this box ☐.

255, rue Ontario Est, local A7.67
Montréal (Québec) H2X 1X6
arc@cvm.qc.ca

Candidate

Last name	First name

Gender   Woman   Man   Diverse gender identities   I prefer not to answer.

Educational Institution

Program

Email	Phone

Mailing address

Course or activity supervisor

Last name	First name

Gender   Woman   Man   Diverse gender identities   I prefer not to answer.

Supervisor's position	Discipline

Email	Phone

Mailing address

Research activity

Title of the research project

Year research was conducted   2021-2022   2022-2023

Research Sector   Society and culture   Health   Nature and technologies

Type of activity   Internship*   Extra-curricular activity*   Employment*   Comprehensive examination in the program

* Explain context:

Course   *Provide title:*

Signature (student)

Signature (supervisor)

Signature (Academic Dean)