

Arts Undergraduate Research Internship Awards (ARIA) Information Session

November 2022



Agenda



12:00 – 12:20

ARIA Awards

- The program
- Student & Professor roles
- Professor/Departments



12.30-12.45

ARIA Speakers



12:20-12:30

How to get involved in Research

- Tips on finding the right project
- The application process



12:45-1:00

Q&A Session

AIO 101 - What we do



**Internship
opportunities**



**Funding
opportunities**



**Training
opportunities**



<https://www.mcgill.ca/arts-internships/>



McGill

Arts Undergraduate Research Internship Awards (ARIA)

- ▶ Established in 2010, the purpose of ARIA is to **support undergraduate students who undertake research during the summer under the direct supervision of a faculty member.** Students contribute to the professor's research agenda while gaining useful academic research skills.
- ▶ **38** students received **\$190,000** as recipients of the 2022 Faculty of Arts Undergraduate Research Internship Awards (ARIA).
- ▶ Congratulations to all the recipients and many thanks to all generous donors and the Arts Undergraduate Society (AUS).

ANNOUNCING



ARIA

SUMMER 2023

ARTS RESEARCH INTERNSHIP AWARDS
OPEN TO MCGILL ARTS UNDERGRADUATES
DEADLINE TO APPLY: February 26TH, 2023 at 11:59 PM (EST)
\$5,000 will be awarded to Faculty of Arts undergraduate students to do summer research under the direct supervision of a faculty member.

 **McGill**
Faculty of Arts

LEARN MORE AT:
<http://www.mcgill.ca/arts-undergraduate-research/aria>
Arts Internship Office | Leacock 307 | aio@mcgill.ca



Student Eligibility

Students must be enrolled in an undergraduate program in the **Faculty of Arts** (B.A., B.A. & B.Sc., B.Th, or BSW)

Have a minimum **CGPA of 3.0**

Have completed **60 credits** prior to the start of the project

Be **returning to undergraduate studies** in Fall

One application per student/professor

Students may **not apply** if they have received an ARIA award in a **previous year.**

Be **present on campus** for the month of May



Benefits for Students




The opportunity to engage in a high level of scholarship, valuable in **preparation for graduate studies**



The opportunity to **gain skills related to methods of inquiry** in their discipline



The opportunity to receive academic **mentorship from a faculty member**



Role of the Student

- ❖ To **support the research** of their supervising professor by undertaking a **specific research internship project**
- ❖ At the start of the project, students should meet with their supervisor to **outline**:
 - ❖ Student Internship Plan (expectations & responsibilities)
 - ❖ Project timeline
 - ❖ Meeting Schedule
 - ❖ Learning goals & outcomes

Arts Undergraduate Research Awards

For Summer 2023, the **Faculty of Arts** will provide undergraduate Research Internship Awards, each with a value **\$2500**.

These awards are **matched** by **individual faculty members or their departments** (\$2,500) to provide a **total award of \$5000 to the student**.

Note: The research award should be processed using **Banner Student Aid**- only



How the program works

1. Students must **find a supervising professor**
 2. The **faculty member agrees to pay \$2,500** toward the \$5,000 award
 - ❖ The Professor's Department Chair confirms the funds are available
 - ❖ The research award should be processed using **Banner Student Aid- only**
 3. Students and their supervisors apply jointly for the ARIA, using the one **application form**.
-
- ✓ The internship term lasts **11 weeks over the summer**.
 - ✓ Students must **be on campus for the month of May**
 - ✓ Students will be expected to dedicate max. **25-30 hours/week** to their Research Internship

Getting involved in research (Get started)

Define your interests

❖ Follow your **curiosity**:

- The best research begins with an interesting question.
- ✓ What topics have interested you from class?
- ✓ What would you like to know more about?
- ✓ What else has been written on these topics?

❖ Build on your **strengths**:

- Take account of your academic skills.
- ✓ What types of assignments have you done best on?
- ✓ How can you sharpen the tools you have?
- ✓ What skills do you want to gain?



Talk to Professors (Next step)



Every professor & graduate student is involved in an ongoing research project.



Take the time to **find out about exciting research** that is happening on campus.



Most **departments list professors and their research interests.**

Networking (other opportunities)

Take time to **speak to people in your department** to learn about ongoing research:

- Teaching assistants;
- Departmental advisors;
- Other students in your classes and conferences;
- Your departmental student association representatives;
- Arts Undergraduate Society

Attend events : Keep a keen eye on what's happening on campus and meet the people involved

- Graduate student presentations
- Lunch-hour speakers' series
- Departmental events
- Special lectures and conferences being held at McGill

2022 ARIA recipients

In 2022, 38 students from different departments and programs received Faculty of Arts Undergraduate Research Internship Awards.


ARIA Summer Projects

Anthropology

Jihan Dahanayaka : 'Life project' agendas of Indigenous community partners of the Centre for Indigenous Conservation and Development Alternatives (CICADA)

Jihan Dahanayaka is a second-year student from Vermont, USA. He is currently pursuing a degree in International Development Studies with Honours and a major in Economics. Jihan's academic interests include development anthropology and environmental resource management. On campus, he is a staff writer at The McGill International Review and enjoys skiing and trail running in his free time.

Prof. Colin Scott, Anthropology

 [Research Poster - Jihan Dahanayaka](#)



When to reach out?

As early as
possible

Deadline:
February 26



ARIA Application Form

Instructions

Once you have submitted this ARIA application form:

1. **Download the full application into a PDF document** (by clicking "Print or get PDF of answers" found in post-submission page),
2. **Send the PDF to your Supervising Professor** and instruct to review and share with **Department Chair/Head**,
3. Have your Supervising Professor **submit the application by email to aio@mcgill.ca** with the Department Chair/Head CC'd and to **include the following message**: *"I certify that I have reviewed the attached ARIA application of (student's name) and that the content is legitimate, appropriate and reasonable. I also agree to match the \$2,500 financial contribution from the Faculty of Arts if this project is chosen for an ARIA."*

If you encounter any technical issues with this form, please email us at aio@mcgill.ca.

...

Hi, Jade. When you submit this form, the owner will see your name and email address.

* Required

General Information

1. First name * 

Enter your answer

2. Last name *

Enter your answer

3. McGill ID number *

Enter your answer

DEADLINE TO APPLY:
FEBRUARY 26, 2023

Application Form (demo)

How to complete your application

1. **Students and supervising professors:** Complete and sign the ARIA application form: [ARIA Web Form](#)



2. **Download full application into a PDF document**

Click "Print or get PDF of answers" found in post-submission page



3. **Send the PDF to your Supervising Professor**

Instruct them to review and get signature from the **Department Chair/Head**



4. **Have your Supervising Professor submit the application by email to aio@mcgill.ca**

CC the Department Chair / Head

Include the message outlined at the bottom of [this page](#)

Summer Workshops

an essential component of your ARIA award

- ❖ Introductory Info Session
- ❖ Library Research Workshop
- ❖ Poster Workshop

Keys to Success:
Research Skills for
Undergraduates in Arts,
Education & Management



Student's Responsibilities

Spring	Submit documents after acceptance
May	Attend ARIA Introductory Information session
June	Participate in ARIA Library Research Workshops
Summer	Submit Social Media posts
Summer	Attend the social events
August	Submit a final report and a research poster
Fall	Participate in the Annual Undergraduate Poster Presentation and Research Event

Arts Undergraduate Research (Poster) Event

Held every year in the
fall

Research Poster
showcase



InternshipOffice

Presented by the Faculty of Arts Internship Office

ANNUAL ARTS UNDERGRADUATE RESEARCH EVENT

October 18th, 2022

4:30-6:30 pm
SSMU Ballroom

The poster event will showcase the work of 38 Arts undergraduate recipients of the 2022 Arts Undergraduate Research Internship Awards (ARIA). Please join us to learn more about their summer research projects and 2023 ARIA Awards.

For more information: www.mcgill.ca/arts-internships/events-1

Any questions? Write to aio@mcgill.ca

All welcome

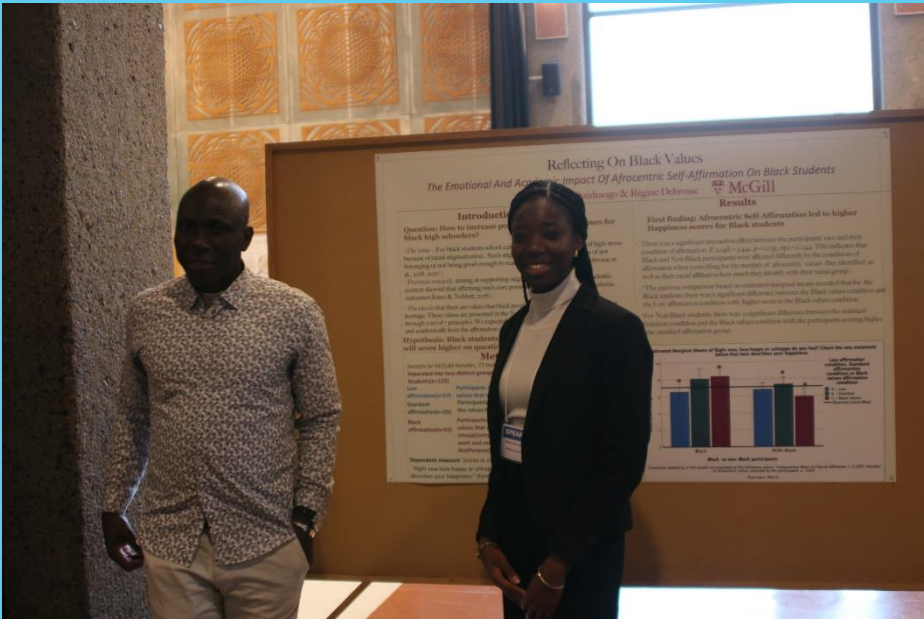


McGill

Faculty of
Arts

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Assessing multisensory integration of audio-visual information across different periods of development



Zheng, J., Ostrolenk, A., Ainsworth K., & Bertone, A.



BACKGROUND

Multisensory integration (MSI) is defined as the ability to efficiently integrate information from multiple senses. It is a fundamental cognitive process that underlies our behaviour and decision-making as we adaptively interact within our environment.

Objectives:

- Assessment of MSI of simple, audio-visual information across different periods of typical development using the race-model analysis technique
 - Understand how MSI abilities develop from the school-age years through to adulthood.
- Participants typically respond to the onset of two concurrently presented target stimuli (A + V) faster than when it is presented alone (uni-sensory : either A or V alone) = facilitation effect
- Therefore, in order to assess whether this multisensory advantage is conferred by MSI, a race model analysis is required to assess whether reaction time (RT) in bimodal (A+V) information is significantly lower than either of the fastest unimodal information (A or V alone).
- The presence of MSI, as indicated by the facilitation effect, is present when the race model is violated = significant difference between the bimodal RT and the bound value RT (as indicated by significant t-test)

METHODS

Participants : 111 typically-developing individuals were separated into 4 age groups [6-9 ys, 10-13 ys, 14-17 ys and then 18+ ys].

Task : All participants completed a target detection task where they were asked to respond (button press) to **auditory** (A;beep), **visual** (V;flash) and **audio-visual** (AV) stimuli as quickly as possible. Reaction times (RTs) to all conditions were measured in milliseconds (ms).



Figure 1. Different trials in the Target detection Task

References

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RESULTS

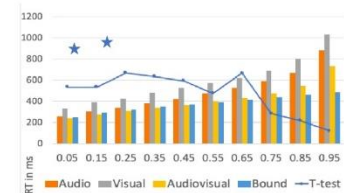


Fig. 2: Race model analysis for 6-9 years old

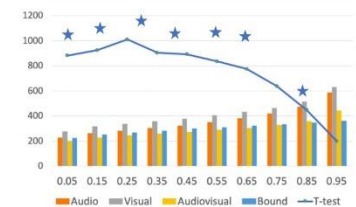


Fig. 4: Race model analysis for 14-17 years old

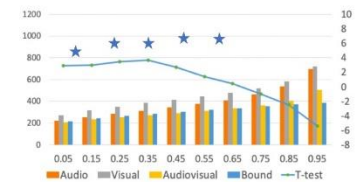


Fig. 3: Race model analysis for 10-13 years old

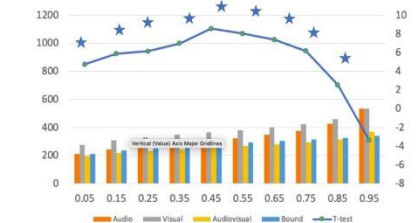


Fig. 5: Race model analysis for 18+ years old

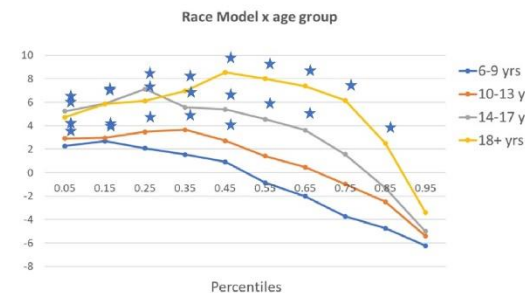


Fig. 5: Race model analysis across the four developmental groups

- The results are ranked from the fastest trials to the slowest trials in terms of percentile:
- 5th percentile contains the 5% fastest trials of each age group *
- 95th percentile contains the slowest trials of individuals in each age group
- Symbols [*] indicate significant t-tests = presence of facilitation effect suggesting MSI

DISCUSSION

- This study represents the **first assessment of MSI** in a neurotypical population spanning the school ages to adulthood **using a race model analysis**
- Increasing violations of the race model inequality as a function of age groups suggests that MSI for simple information develops across developmental periods
- Compared to the adult group (18+ ys), MSI abilities are still developing during late adolescence (14-17 ys)
- **Future directions :** Assess MSI in atypically developing individuals such as those on the autism spectrum.



MENU MATTERS

SAVANNAH SGUIGNA
Honours Bachelor of Arts in English



ACKNOWLEDGEMENTS

Savannah would like to thank Professor Nathalie Cooke, Vidumini Morugama, the ROAAr (McGill Rare Books) staff and the Arts Internship Office for their generosity and support throughout this project.

NOTABLE and CREATIVE WORKS

A LA CARTE
Indian, Pakistani, Ceylonese, Parsee & Malayan Dishes

TABLE D'HOTE
5-Course
Indian, Pakistani, Ceylonese, Malayan

ENGLISH SPOKEN
Grand Restaurant DE L'UNIVERS
5, Rue Croix-des-Petits-Champs, 5
en face le Louvre
Maison GARDES JEUNE

European Dishes

WE WILL BE HAPPY TO MAIL THIS
SOUVENIR MENU
MERELY ADDRESS AND GIVE IT TO YOUR WAITER

Hain & Hain
Martin's VVO glass, 25
Teacher's glass, 30
Vat 69 half bottle, 1.00
White Horse bottle, .10
J & B bottle, .25

First Date - home 3:30 - January 4, 1946

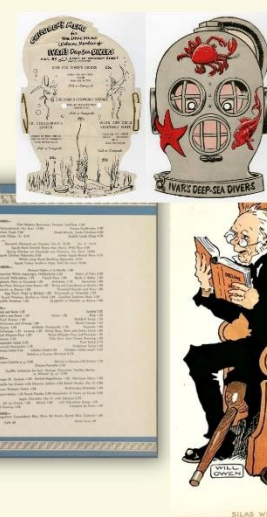
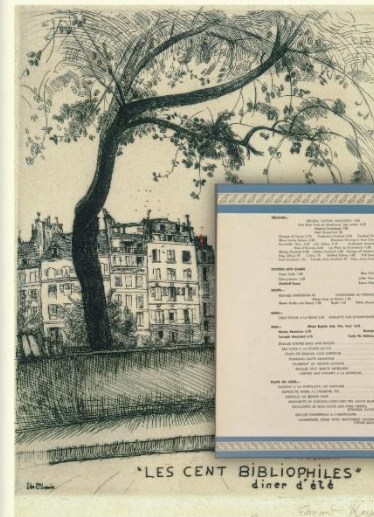
POST CARD
CORRESPONDENCE

LES CENT BIBLIOPHILES
diner d'été

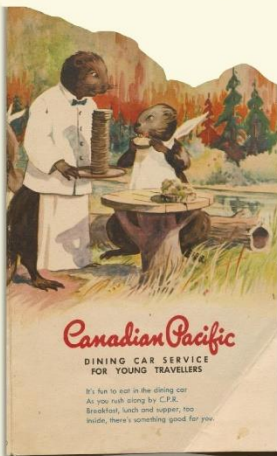
CHINESE RESTAURANT CUSTOMS: AN EXPLANATION

Upon the arrival of a guest, tea is served right away in conformity with the old custom prevailing at home and in any other place where a visitor is welcomed.

Then come some hot towels which serve both as a napkin and as a medium to refresh the face. This custom originated in the North where the towels are often very dirty, and when it is in the South, the towel was used more for its refreshing effect than for the purpose of wiping off dirt. It is a custom that dates from the time, and so a system of modernization was devised for the purpose of wiping the towels, after having been used, are machine-washed and sterilized, making them safe and hygienic. This unusual restaurant service is always open to the inspection of our patrons.



MORE THAN A MENU



DINING TRENDS

TEA SERVICE

From legendary times, tea has been the national drink of China. Its popularity has made it more than just a drink; its use is of great importance in the customs and habits of the Chinese people.

Tea is used as a general beverage at all hours of the day. It is served in the Chinese style without milk and sugar. (Tea can be obtained at a small charge.) In the General Dining Room tea costs only ten cents per person. In the Private Dining Room, it is twenty cents per person. Tea is invariably served with a Chinese meal, whether specifically ordered or not. The small charge for it may be compared to what is known in foreign countries as "Cater Charge."

Tea is the most important basis of Cantonese "Patience," which are really eaten in the manner some of the most famous.

CHINESE RESTAURANT CUSTOMS: AN EXPLANATION

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Contact me!



Cat Carkner

Urban Studies & Social
Entrepreneurship

ARIA Recipient

*Korea as model, too: The
international circulation of
'Korean-style' news towns*



InternshipOffice





Taarini Andlay

International Development Studies

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Nepal: A Sociological
Analysis using a Human
Development Lens*

Alex Byrne

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*Misconstrued Montesquieu: The
Spirit of the Law and
America's Founding*



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Nguyet Ngo

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*Familiarizing with
autobiographical memory: an fMRI
investigation into the role of
familiarity in autobiographical
remembering*



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INTERNSHIP OFFICE

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and upcoming AIO events!

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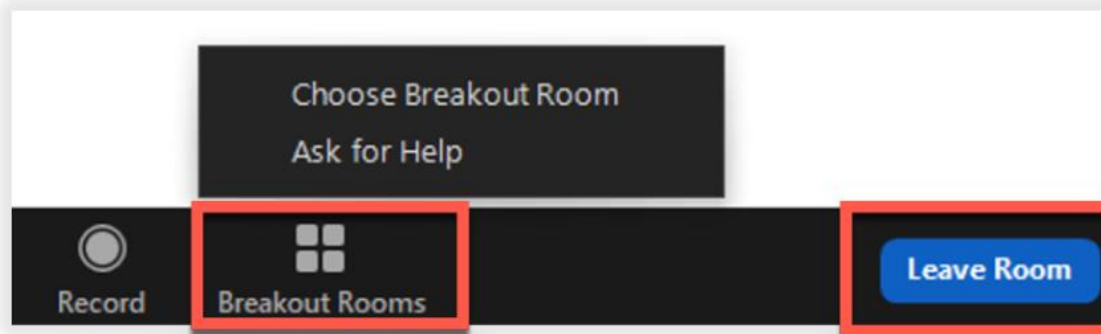


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Stay Connected!

- Drop in everyday
- One on one advising
- Leacock 307
- aio@mcgill.ca

Breakout Room – How To



Q&A – Networking

- ▶ Chose which breakout room(s) you would like to attend – you can manually move between rooms
- ▶ Each session will have a speaker and/or an AIO staff & other past interns
- ▶ Come back to main room to ask Anne or Jade any questions