

# 国家留学基金管理委员会函件

## 国家留学基金资助出国留学资格证书

证书编号: 202206180063

徐子扬 (出生日期: 2002-05-07):

经评审, 您已被录取为 2023 年 国外合作项目 (与加拿大 Mitacs 本科生实习合作奖学金) 出国留学人员, 录取文号为 留金美[2023]8 号, 学号为 202206180063。

国家留学基金将资助您赴 加拿大 留学, 留学单位为 University of Western Ontario/Western University, 留学身份为 本科插班生, 留学期限 3 个月, 资助期限 3 个月。留学资格有效期保留至 2023 年 12 月 31 日。

资助方式为 C 类: 国家留学基金提供一次性往返或单程国际旅费, 留学人员在外留学期间奖学金生活费由中方和中方共同承担或外方承担。

国家留学基金管理委员会  
2023 年 04 月 10 日

备注:

1. 国内是否预发生活费:

是;

否。

2. 其他

在线验证方式:

方式 1: 可使用证书编号和验证码 740526

在信息平台 (<https://sa.csc.edu.cn/verification>) 在线验证。

方式 2: 请扫描右侧二维码验证。





# 中国国家留学基金管理委员会

## CHINA SCHOLARSHIP COUNCIL

April 10, 2023

To whom it may concern,

This is to certify that Mr. XU ZIYANG (File No. 202206180063) (Date of Birth 2002-05-07) has been awarded a scholarship under the State Scholarship Fund to pursue study in Canada as a(n) Visiting Undergraduate Student. The awardee was selected through a rigid academia evaluation process organized by the China Scholarship Council (CSC) in 2023. The scholarship covers the international airfare and the living stipend. The stipend is CAD 1800.0 per month, including health insurance, for a period of 3 months. CSC makes the payment to the awardee and entrusts the Education Section of the Chinese Embassy or the Chinese Consulate General in your country to look after other welfare of the awardee.

CSC is a non-profit institution affiliated with the Ministry of Education of the P. R. China. It is entrusted by the Chinese Government with the responsibilities of managing the State Scholarship Fund and other related affairs. It sponsors Chinese citizens to pursue study abroad and international students to study in China.

In accordance with the laws and regulations and related policies, the awardee has signed with CSC an "Agreement for Study Abroad for CSC Sponsored Chinese Citizens". In this Agreement, the awardee promises to return to China upon completion of planned study within the set time in your country.

This document is valid on condition that the awardee arrives in Canada no later than December 31, 2023.

CHINA SCHOLARSHIP COUNCIL



### Online Verification:

Use file No. and verification code 740526 to verify on CSC webpage (<https://sa.csc.edu.cn/verification>) or scan the QR code to verify.





# 贺信

徐子扬先生：

祝贺您通过专家评审，获得国家公派出国留学资格！

*We are happy to tell you that you have been awarded the Chinese Government Scholarship to sponsor your upcoming study abroad. Congratulations!*

国家留学基金管理委员会  
二〇二三年四月

CSC NO. 202206180063

13 February, 2023  
Application ID: 127750

**GLOBALINK RESEARCH INTERNSHIP (GRI) AWARD LETTER  
DISBURSEMENT INFORMATION AND PLACEMENT TERMS AND CONDITIONS**

Dear Ziyang Xu,

Congratulations! You have been selected by Mitacs and Professor Pingzhao Hu from Western University to receive a 2023 Globalink Research Internship award. You are therefore invited to participate in a research project at Western University. **Pursuant to an agreement with Western University, Mitacs will administer your funding grant.**

Mitacs Globalink Research Internship is a competitive program that pairs top-ranked international students with specific research expertise with faculty at Canadian academic institutions for a twelve (12) week research project of mutual interest between May and October 2023. You have been selected by your Canadian host faculty project supervisor due to your background and skills in the research area and the unique contribution you will be making to the research during your stay. **The skills required for your role (as described in the research description below) were found to clearly match your skills set, education, and research experience.**

**Research internship details**

<b>University/Institution:</b>	Western University
<b>Host professor:</b>	Pingzhao Hu
<b>Research project title:</b>	Deep learning for integrating multimodal data for precision medicine
<b>NOC code:</b>	41201 Post-secondary teaching and research assistants
<b>Research description:</b>	<p>Omics data refers to the high-dimensional and highly correlated data from genomics, transcriptomics, microbiome, metabolomics, and proteomics. Different computational and statistical analyses of these data can be used to identify risk factors for different diseases or to build autonomous disease prediction models. Analysis of omics data, imaging, and medical health records has become very popular in disease studies because such analysis is helpful to predict whether a patient has a certain disease or not. It is expected that integration of knowledge from multiple data sources measured on the same individuals should improve the prediction performance of patients with chronic diseases. Because one of these data sources may have biological knowledge that is absent in another one. However, due to the high-dimensional nature of the data sets with hundreds of thousands of variables and very small numbers of samples, traditional machine learning approaches (e.g. Support Vector Machines) have limitations to analyze these data efficiently. To overcome these limitations, the project will apply deep learning algorithms to learn knowledge from multiple data sources (omics, imaging, medical health records, etc.) at different feature levels, which will be used to predict disease outcomes and potential drug targets for the diseases. Specifically, the project will have these two objectives: 1) Apply deep learning algorithms to learn knowledge across data sources at a single feature level. 2) Apply transfer learning algorithms to learn knowledge across feature levels.</p>

Key Words: bioinformatics, computational biology, computer science, statistics, computing engineering, artificial intelligence, biostatistics, genome science, machine learning, algorithms, mathematics

- During your internship, you will:**
- Implement computational and statistical algorithms proposed by the principal investigator in the project
  - Test the algorithms using the collected data sets and improve the algorithms
  - Document the algorithm details and analysis results
  - Make a public presentation on the internship work
  - Write a manuscript or report for a potential journal or conference submission
- Duration of research:** 12 weeks — to begin between May 1 and July 31, 2023 (unless otherwise approved by Mitacs) and end no later than October 31, 2023 (unless otherwise approved by Mitacs). Shortened durations must be agreed upon with the host professor and Mitacs. Durations of more than twelve (12) weeks will not be permitted.
- Hours of work:** Forty (40) hours per week.

Your award covers the full twelve (12) week period of your internship unless you fall short of the full twelve (12) weeks, in which case the award amount will be prorated according to time actually spent contributing to the internship project.

As an intern, pursuant to Canada's *Immigrant and Refugee Protection Regulations* s2, you are entering Canada to undertake activities classified as "work". As such, you might be exempt from a work permit under the [Global Skills Strategy](#).

By accepting this internship and agreeing to this Award Letter, you will follow all clauses as laid out in *Appendix A: Terms and Conditions — Obligations of the Globalink research intern*.

You will need to follow all travel and public health requirements as mandated by the Public Health Agency of Canada, your host province, and your host institution in Canada. The following requirements are subject to change at any time; please ensure you keep yourself updated regularly: <https://travel.gc.ca/travel-covid/travel-restrictions/covid-vaccinated-travellers-entering-canada#entry-vaccinated>.

Upon arrival at the Port of Entry, you should have supporting documents, including (but not limited to):

- a printed copy of this Award Letter in its entirety
- your valid passport (at least 6 months validity) and any other document required to enter Canada (see <https://www.canada.ca/en/immigration-refugees-citizenship/services/visit-canada/entry-requirements-country.html>)
- proof that you meet requirements of the job, such as proof of work experience, IRCC approved medical exam (if applicable) and education
- necessary immigration documentation (i.e., letter of introduction, biometrics, visitor visa, eTA, if applicable)
- A printed copy of this webpage: [Short-term \(120-day\) work permit exemption for researchers - Canada.ca](#)

*We look forward to welcoming you as a temporary member of the research team at Western University.*

Mitacs Globalink gratefully acknowledges the financial support of the Government of Ontario through the Ministry of Colleges and Universities, the Government of Canada as well as the members of our partner in China, China Scholarship Council .

**Mitacs Globalink is delivered by Mitacs on behalf of the following Academic partners:**

Acadia University	Ontario Tech University	Université du Québec en Outaouais
Algoma University	Polytechnique Montréal	Université Laval
Athabasca University	Queen's University	University of Alberta
Brandon University	Royal Military College of Canada	University of British Columbia
Brock University	Royal Roads University	University of Calgary
Cape Breton University	Saint Mary's University	University of Guelph
Carleton University	Saint Paul University	University of Lethbridge
Concordia University	Simon Fraser University	University of Manitoba
Concordia University of Edmonton	St. Francis Xavier University	University of New Brunswick
Dalhousie University	St. Thomas University	University of Northern British Columbia
École de Technologie Supérieure	Toronto Metropolitan University	University of Ottawa
Emily Carr University of Art + Design	Trinity Western University	University of Prince Edward Island
HEC Montréal	Thompson Rivers University	University of Regina
INRS	Trent University	University of Saskatchewan
Lakehead University	Trinity Western University	University of the Fraser Valley
Laurentian University	Université Bishop	University of Toronto
MacEwan University	Université de Moncton	University of Victoria
McGill University	Université de Montréal	University of Waterloo
McMaster University	Université de Sherbrooke	University of Windsor
Memorial University of Newfoundland	Université du Québec à Chicoutimi	University of Winnipeg
Mount Allison University	Université du Québec à Montréal	Vancouver Island University
Mount Royal University	Université du Québec à Rimouski	Western University
Mount Saint Vincent University	Université du Québec à Trois-Rivières	Wilfrid Laurier University
OCAD University	Université du Québec en Abitibi-Témiscamingue	York University

Sincerely,

Petra Kukacka  
Director, Program Operations

Enclosure:

- Appendix A: Terms and Conditions

## Appendix A: Terms and Conditions

Please note that your funding is provided in accordance with China Scholarship Council (CSC).

### Obligations of the China Scholarship Council (CSC)

The China Scholarship Council (CSC) will be responsible for providing:

1. Airfare from China to Canada and back by the most economical route
2. Reimbursement of immigration permit application fees (as required to participate in the research internship)
3. A stipend of Can\$1800 per month (2 months) that covers the costs of your accommodation and living expenses

### Obligations of Mitacs

#### a) Financial arrangements

Mitacs will be responsible for providing the following:

1. A stipend of Can\$175 to contribute to the cost of transportation from the Canadian airport to accommodation, unless otherwise arranged by your host institution
2. A stipend of Can\$1,800 per month for 1 month that covers the cost of your accommodation and living expenses
3. A stipend of Can\$300 for any student fees charged to you by your Canadian host institution (the intern must pay the student fees to the institution directly; student fees above Can\$300 are the responsibility of the intern)
4. an additional stipend of Can\$500, which may be used for COVID-19 and inflation-related expenses (e.g., COVID tests, living expenses, etc.)
5. Ensuring that you receive Canadian medical insurance

Under Mitacs's funding policy, we are unable to provide you with any funds in advance of your internship start date and arrival in Canada. In order to receive funding, all interns must possess a valid immigration permit for the duration of their internship. Interns will be responsible for opening a Canadian bank account, following Mitacs's instructions, in order to receive funds once in Canada. Funds will be disbursed in installments to the intern; dates and exact amounts will be provided via email to the intern.

#### b) Local arrangements

**You are responsible for finding and booking your own accommodations for the duration of your stay in Canada. Mitacs will provide you with tools to assist you with your search.**

Mitacs will assume responsibility for the following aspects of your local arrangements:

1. Provision of medical insurance to cover you for the duration of your research internship
2. Professional skills courses and/or networking opportunities to enhance the experience of your research internship
3. Provision of a Mitacs-approved Globalink Mentor for you to consult with about issues and questions that arise during your stay in Canada and act as your emergency contact. (Please note that the University of Alberta provides their own mentors.)
4. Other activities at the sole discretion of Mitacs.

## **Obligations of the Globalink research intern**

1. This award is contingent on the permission of Canadian governments, the host institution, as well as the government of your home country for free movement of interns across borders for research purposes. In circumstances where you are not able to travel to Canada, this Award Letter will be terminated. Please note that you will not be reimbursed any costs if you are not able to travel to Canada to carry out your internship. Please ensure you follow Mitacs's instructions in preparation for your internship and that such costs have not been incurred against the advice of Mitacs.
2. Upon your arrival in Canada and throughout your stay, you are required to follow all public health protocols and guidelines of the federal government, the province in which you are hosted and the Canadian institution at which you are performing research, if applicable. You must also comply with all instructions provided by Mitacs including, but not limited to, arrangement of flights and housing, arrangement of immigration documentation, dates of travel, etc. Mitacs will not cover any costs incurred where the intern has not complied with instructions delivered through Mitacs.
3. Please be advised that, for immigration purposes, Mitacs is not your representative and cannot provide advice on immigration matters. Mitacs will provide you with information as available on public government websites to potentially help navigate through the immigration process, but Mitacs cannot guarantee nor make any representation regarding positive immigration outcomes.
4. Please be advised that immigration requirements vary depending on your profile and country of origin. Therefore, all wait times listed on the Canadian immigration website: <https://www.canada.ca/en/immigration-refugees-citizenship/services/application/check-processing-times.html> are subjective. It is your responsibility to start your process as soon as possible and to research all immigration requirements when applying as these can change at any time.
5. You are required to participate in the program for 12 weeks, working 40 hours per week for your host supervisor on the research project, unless otherwise arranged with the Canadian supervisor and approved by Mitacs. You are also required to report any absences to your supervisor. Mitacs may terminate your internship if you do not adhere to these guidelines. If the duration of your internship needs to be shortened, contact Mitacs at [helpdesk@mitacs.ca](mailto:helpdesk@mitacs.ca).
6. As a key component of the Globalink program, Mitacs may offer you opportunities to engage in professional skills courses, networking meetings, and other events to supplement your research experience. Mitacs will, whenever possible, schedule meetings and courses in such a way as to minimize the impact on your primary focus, that of contributing to the research project. You are encouraged to participate in such Mitacs-arranged meetings and courses, and your host professor will be asked to support this component of the Globalink program. You are normally expected to dedicate 40 hours per week on your research project and will need to make arrangements with your host professor regarding time away from your research project.
7. You are expected to complete a mid-term survey and a final survey administered by Mitacs to rate your experience of the program and to receive a final certificate of completion.
8. You are required to check with your home institution regarding any conditions or actions involved with participating in the GRI program.