

## Nadine Bahour

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## EDUCATION

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### HARVARD UNIVERSITY

A.B. in Neuroscience, Secondary in Government  
Senior Veritas Award in Leadership

Cambridge, MA

May 2022

### RAMALLAH FRIENDS SCHOOL

International Baccalaureate Diploma

Ramallah, Palestine

May 2018

## EXPERIENCE

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### HARVARD T.H. CHAN SCHOOL OF PUBLIC HEALTH

Research Program Coordinator Assistant – FXB Center for Health and  
Human Rights – Palestine Program

Boston, MA

Aug. 2023-present

### HARVARD T.H. CHAN SCHOOL OF PUBLIC HEALTH

Research Assistant – Department of Molecular Metabolism - Hotamışlıgil Lab

Boston, MA

Sept. 2022-Jun. 2023

- Investigating the effect of Sars-Cov-2 infection on adipocytes and the role of fatty acid binding protein 4 on the severity of the infection

### KIDNEY MEDICINE

Editorial Assistant

Boston, MA

Sept. 2022-present

- Supporting the editor-in-chief in processing, discussing, and revising manuscripts

### JOSLIN DIABETES CENTER

Undergraduate Research Student - Aguayo-Mazzucato's Lab

Boston, MA

June 2020-Jun. 2022

- Studying the aging and senescence process of pancreatic beta cells and how it contributes to the development of diabetes
- Developing a senior thesis project elucidating the relationship between pancreatic and hypothalamic senescence in insulin resistant mice

### HARVARD COLLEGE COMMUNICATIONS

Intern

Cambridge, MA

Sept. 2020-Aug. 2022

- Develop, onboard, and maintain the College Events Calendar and Harvard College website

### HARVARD ADMISSIONS & FINANCIAL AID

Student Recruiter

Cambridge, MA

Oct. 2018-Aug. 2022

- Advise high school students through the admission process and create content for Harvard Admissions platforms

### UNIVERSITY OF GLOBAL HEALTH EQUITY

Education Development Intern

Kigali, Rwanda

Jun.-Aug. 2020

- Assess and advise on the implementation of the Master of Science in Global Health Delivery's e-learning program

### I KNOW I CAN SUMMER ACADEMIES

Teaching Assistant

Ramallah, Palestine

Jun. 2018-Aug. 2020

- Plan and implement courses with student management and logistical support with events and program

## JUST VISION

Washington, D.C.

Developments and Events Intern

Jun.-Aug. 2018

- Support with donor research, communication, writing reports, briefs, and research

## TEACHING

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### HARVARD UNIVERSITY

Chemistry Teaching Fellow

Dec. 2020-Jun. 2022

- Conduct a problem-solving section, hold office hours, and meet with Calculus individually

Calculus Course Assistant

Jan.-Dec. 2020

- Hold a discussion section to supplement lectures, office hours, and support students

Math Fluency Initiative

Jun.-Aug. 2020

- Teach weekly calculus classes to incoming first-year students and mentor them

### ALPHA PARTNERS

Research Mentor

Jul. 2021-Dec. 2021

- Directly advise and closely mentor high school students in a rigorous social science research program teaching research, writing, and presentation skills

## PUBLICATIONS

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**Bahour N**, Bleichmar L, Abarca C, Wilmann E, Sanjines S, Aguayo-Mazzucato C. Clearance of p16Ink4a-positive cells in a mouse transgenic model does not change  $\beta$ -cell mass and has limited effects on their proliferative capacity. *Aging* (Albany NY). 2023 Jan 12; . <https://doi.org/10.18632/aging.204483>

Cortez B, **Bahour N**, Aguayo-Mazzucato C. Biological age in diabetes and precision medicine. *Aging* (Albany NY). 2022 Jun 6. <https://doi.org/10.18632/aging.204123>

**Bahour, N.**, Cortez, B., Pan, H. *et al.* *Diabetes mellitus* correlates with increased biological age as indicated by clinical biomarkers. *GeroScience* (2021). [doi.org/10.1007/s11357-021-00469-0](https://doi.org/10.1007/s11357-021-00469-0)

## WRITINGS

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Boycott Israel Trek: Don't Spring Break in an apartheid state. [Mondoweiss](#)

To The Editor: When Will You Stop Silencing Palestinians? [The Harvard Crimson](#)

Harvard Changed Its Mind on Ken Roth, Not on Allowing Free Speech About Palestine. [The Nation](#)

## POSTERS AND PRESENTATIONS

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**Bahour N**, Aguayo Mazzucato, C, Effect of clearance of  $p16^{Ink4a}$ -positive cells on  $\beta$ -cell mass & proliferative capacity. Boston Ithca Islet Club, May 2022.

**Bahour N**, Aguayo Mazzucato, C, Implication of senolysis in beta cell replication and mass. Harvard Undergraduate Research Spotlight, October 2021.

**Bahour N**, Pan, H, Aguayo Mazzucato, C, Diabetes Mellitus correlates with increased biological age as indicated by clinical biomarkers. American Diabetes Association Conference, June 2021.

## VOLUNTEER

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| <b>Harvard Bridge Program</b>                                | Jul. 2023-present    |
| <b>Harvard Program for International Education</b> , Teacher | Jan. 2019-May 2022   |
| <b>Youth to Youth Homeless Shelter</b> , Supervisor          | Sept. 2018-Dec. 2021 |

## CAMPUS ENGAGEMENT

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| <b>Harvard Synapse</b>  | Aug. 2021-May 2022   |
| <b>Humans of Harvard College</b> , Interviewer                | Jan. 2021-May 2022   |
| <b>Peer Advising Fellow</b> , Mentor                          | Apr. 2019-May 2022   |
| <b>Harvard Model United Nations Dubai</b> , Secretary-General | May 2020-Sept. 2021  |
| <b>Harvard Model United Nations Boston</b> , Director         | Jan. 2020-Jan. 2022  |
| <b>Harvard Palestine Solidarity Committee</b> , President     | Oct. 2019-Dec. 2020  |
| <b>Harvard Undergraduate UNICEF Club</b> , Vice President     | Jan. 2019-Sept. 2021 |
| <b>Scholars at Risk</b> , Board Member                        | Oct. 2018-May 2019   |

## HONORS AND AWARDS

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|---|---------------------|
| <b>Harvard College Research Program Scholarship</b>                     | June 2021           |
| <b>Archie Epps Fellowship</b>   | Sept. 2020-May 2022 |
| <b>Harvard Global Health Initiative Scholarship</b>                     | June 2020           |
| <b>Center for Middle East Studies Tunisia Study Excursion Recipient</b> | Jan. 2020           |

## SKILLS

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**Laboratory:** ELISA, RT-qPCR, mouse handling and sacrifice, cardiac perfusion, paraffin tissue embedding, immunohistochemistry, cell culture, and confocal microscopy

**Technical:** R Studio (Intermediate), Mathematica (Intermediate), Salesforce, and MATLAB (Beginner)

**Languages:** Arabic (Fluent), English (Fluent) and French (Basic Conversational)