

AUDREY W. CZARNECKI

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Education

Columbia University, Columbia College, New York, NY
Bachelor of Arts (biology major and statistics concentration)
GPA: 4.114 | Dean's List all semesters

Expected May 2026

Thomas Jefferson High School for Science and Technology, Alexandria VA 2019-2023
Honors: National Residence Hall Honorary (2025), National Merit Scholarship Finalist (2023), Virginia Sports Hall of Fame Student Athlete of the Year (2022), President's Volunteer Service Gold Award (2021), National Honor Society (2021-2023)

Relevant Experience

Columbia University Sep 2025-Present
Teaching Assistant, Introductory Biology

- Teach weekly two hour-long recitations with lecture and problem solving
- Host office hours and proctor exams

Volunteering Sep 2025-Present
Dementia Art Therapy Alliance

- Complete art pieces with dementia patients at The Apsley

Contracted Employment Dec 2019-Present
Medicolegal Reports Editor

- Proofread, edit, and format medicolegal documents

Columbia University May 2025-August 2025
Summer Undergraduate Research Fellowship (SURF)

- Conduct research and write a manuscript on stem cells and type 1 diabetes tolerance induction

Thomas Jefferson High School for Science and Technology Aug 2022-May 2023
Biotechnology and Life Sciences Research Laboratory

- Wrote a manuscript on "The Effect of Chitosan on Insulin Secretion of Pancreatic Beta Cells Seeded in Plant Scaffolds"
- Presented at the Thomas Jefferson Symposium to Advance Research (tjSTAR)

George Mason University, Department of Bioengineering Jun 2022-Aug 2022
Aspiring Scientists Summer Internship Program (ASSIP)

- Conducted research and published an abstract on "Analysis of Neutrophil Viability and Activation State in LPS [lipopolysaccharide] Treated Cultured Blood Clots"

Leadership

Residence Hall Leadership Organization Co-Director of Programming Apr 2025-Present
Columbia University Artist Society Co-President May 2025-Present
Bwog (Columbia University online blog) Visual Editor Nov 2024-Present

Residence Hall Leadership Organization Representative	Sep 2024-May 2025
Columbia University Artist Society Treasurer	Aug 2024-May 2025
Taiwanese American Student Association Alumni Chair	Aug 2024-May 2025
Columbia University Taiko Internal Affairs Coordinator	Apr 2024-May 2025
Frontiers of Science Ambassador	Oct 2023-Dec 2023
Dolley Madison Public Library Teen Advisory Board	Jul 2018-Jun 2023
Thomas Jefferson Wrestling Girls' Team Captain	Jan 2022-Feb 2023

Skills

Emergency Medical Technician (Virginia and National Registry)

Computer: Office, C++, Java, JavaScript, HTML, R, Python, Clip Studio Paint EX, Procreate, ibisPaint X, Krita, 3D printing

Foreign languages: French, Mandarin Chinese

Interests: Drawing (figure drawing and hosting Draw-A-Thon with Columbia University Artist Society, began Bwinktober with Bwog), Animating, Writing fiction, Singing (school performances, including benefit concerts with Taiwanese American Student Association), Writing songs

Lab: Immunofluorescence staining, Flow cytometry, PCR, Fluorescent microscopy, Restriction digest, Mammal dissection, ELISA, Gel electrophoresis, Scaffold preparation, Cell culture, Bacterial culture, CRISPR-Cas9, SDS-PAGE, Western Blotting