

APPLICATION: NIH MS BRIDGES to PhD (B2D) PROGRAM

The overall goal of this B2D program between California State Polytechnic University, Pomona (CPP, the MS granting and lead institution in this grant) and the University of California, Riverside (UCR, PhD granting institution partner) is to increase the number of Masters of Science (MS) students successfully transition to PhD programs in biomedical research via an asset-oriented, student-centered collaborative mentoring system. We have funding for one year.

Academic Year 1 (August through May)	
Fall, & Spring Semesters	<ul style="list-style-type: none"> • CPP MS research projects and academic coursework • Peer mentoring, guest speaker seminars (3-4 per Semester), and selected workshops.
Fall Semester	<ul style="list-style-type: none"> • Wednesdays 5:00PM-6:50PM (<u>2 unit-CPP BIO 6800 B2D PhD Applications</u> – Dr. Nancy Buckley); Fridays 1PM-3:50PM (3 unit-CPP BIO 5900 B2D Grant writing & Seminars) – Dr. Tatiane Lima.
Spring Semester	<ul style="list-style-type: none"> • Wednesdays 5:00PM-6:50PM (<u>2 unit-CPP BIO 5990 B2D Writing a Scientific Manuscript</u> – Dr. Nancy Buckley; Fridays 1PM-3:50PM (3 unit-CPP BIO-5990 B2D Biomedical Career Discovery and seminars – Dr. Tatiane Lima). • Present research at STEM local, state and/or national meetings. • Begin writing MS Thesis work
Summer (June to August-10 weeks)	
10 weeks	<ul style="list-style-type: none"> • Conduct research in laboratory of UCR FRM; Give oral research presentation at UCR and CPP summer symposia

See below for application requirements.

B2D Eligibility and Application Requirements:

- ☐ Bachelor's of Science (BS) in a STEM discipline with a Science GPA of 3.0 or better.
- ☐ Admittance into the CPP MS program with full time status. Working outside of B2D program not allowed.
- ☐ U.S citizen or student with permanent visa seeking to pursue a PhD degree in the biomedical and related sciences.
- ☐ Applicants should send the completed application form, their personal statement and research statement (see below on guide to write one-page statements), a copy of their complete transcript (pdf format), along with 3 letters of recommendation electronically to the Program Administrator, Ms. Airan Alvarado-Jansen (adalvarado@cpp.edu).
- ☐ **Deadline for applications is July 28, 2025.**

Note: *Students on a pre-medical track (MD) are not eligible for this program, as indicated by NIH.*

Applicant Information

Name: _____

Bronco ID: _____

Address: _____

City: _____ State: _____ Zip code: _____

Telephone (Mobile): _____

CPP Email (required): _____

Alternative Email (required): _____

US Citizen ☐ Permanent Resident ☐

Information about your undergraduate degree

Major/Minor in STEM _____

Institution _____

Date conferred (or degree awarded): _____

Overall GPA, Science GPA _____

Degree: AA ☐ BA ☐ BS ☐

Answer the following questions if you already have a Graduate degree

Indicate type of Graduate degree: _____

Institution/Program: _____

Date degree conferred: _____

Other degrees

Have you already applied to the Graduate Program at Cal Poly Pomona? Yes ☐ No ☐

If yes, do you have a sponsor/mentor? Yes ☐ No ☐

Name of mentor: _____

Expected date of CPP MS graduation: _____

Personal and Research statements demonstrating your strong interest in pursuing a PhD in biomedical research

The selection committee seeks a description of your professional interests and plans, your goals for advanced degrees and research, and the appropriateness of this program to help you achieve your objectives.

Write your Personal Statement and Research Statement.

Note: For each statement, use 12-point font, 1-inch margins and can be single spaced and no more than 1 page.

Personal Statement:

1. Describe what your long-term career goal is and what educational plans you have to pursue this career.
2. Describe your achievements/honors/awards/activities (clubs, organizations, leadership).
3. Write about experiences related to who you are and how they shaped your interest in STEM.
4. What character traits do you possess that you think are important for PhD students to have?
5. Discuss any other relevant information that you feel the selection committee should take into consideration when assessing your application, including disadvantages or hardships that you have overcome, professional achievements worthy of mention, etc.

Research Statement

1. Have you had any independent research experience in the past? If so, please provide a brief description.
2. Discuss any other relevant information that you feel the selection committee should take into consideration when assessing your experience in research.

Letters of Recommendation

Please have three letters of recommendation **sent directly** from the recommender by email to the Program Administrator, Ms. Jansen (adalvarado@cpp.edu). Letters should be on a letterhead and should be from a science faculty member, investigator or employer who is qualified to comment on your attributes and can comment on your potential for success in the B2D program.