**Application for** **2019-2020**

**UC Davis Chemical Biology Program (CBP) Fellowship (NIH T32GM113770)**

**Deadline: July 22, 2019**

**Cover Page**

Name:            ,

Prefix Last, First Middle Suffix

Student ID:       Gender:

Date of Birth:       (mm/dd/yyyy)

US Citizen:       (Yes or No) (Note: Only US citizens or permanent residents are eligible)

Permanent Visa Resident in US:       (Yes or No)

Underrepresented Minority (URM):       (Yes or No)

If Yes, Please List Ethnicity:

UCD Email Address:       Other Email Address:

Home/Cell Phone:       Lab Phone:

Ph.D. Program Entry Date:

Graduate Group/Program:

GRE Score:       GRE date:

Subject GRE Score:       Subject GRE date:

Name of the Research Advisor (PI):       PI Department:

PI E-mail Address:       PI Phone Number:

Name of the PI for Cross Training Rotation Lab:       Rotation Lab PI Department:

Rotation Lab PI E-mail Address:       Rotation Lab PI Phone Number:

Research Project Title:

Signature (student):                           Date:

Signature (Research Advisor):                           Date:

Signature (Rotation Lab PI):                           Date:

**A.** EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education and include current graduate program. Add/delete rows as necessary.)

| INSTITUTION AND LOCATION | DEGREE  (if applicable) | Completion Date  MM/YYYY | FIELD OF STUDY | GPA |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

B. Personal Statement and Research Experience (Do not exceed one page)

C. Positions and Honors

D. List of Publications, Abstracts, Patents, and Patent Applications

E. List of Presentations

F. Research Project and Cross Training

**F1.** Research Project Title:

**F2.** Keywords (up to eight):

F3. Research Project Description (Describe briefly your research project and objectives using the “first person case” to indicate your work. Do not exceed one page excluding references. Use 11-point Arial font):

**F4.** Research Project Progress (Describe briefly your research progress. Do not exceed one page excluding references. Use 11-point Arial font). Include all relevant information.

F5. Description of Chemistry/Biology cross-disciplinary research training (e.g. lab rotation in one or more labs with complementary research expertise outside of your own research discipline). Describe briefly a plan for chemistry/biology cross training and how this plan will advance the goals of your research project and your career goals. Do not exceed one page excluding references. Use 11-point Arial font):

**F6.** Your choice of cross training classes.

**CHE238: Introduction to Chemical Biology (Required)**

The quarter you have taken or expect to take the class

**For biology students:**

CHE240 Advanced Analytical Chemistry

CHE233 Physical-Organic Chemistry

CHE205 Symmetry, Spectroscopy and Structure

CHE226 Principles of Transition Metal Chemistry

CHE231A Organic Synthesis: Methods and Strategies

CHE211A Advanced Physical Chemistry: Statistical Mechanics

CHE217 Protein Crystallography

CHE245 Mechanistic Enzymology

CHE221F Chemical Glycobiology

CHE221D Chemical Biology of Cancer

Other (specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**For chemistry students:**

BCB210 Molecular Genetics & Genomics

BCB211 Macromolecular Structure & Interactions

BCB212 Cell Biology

BCB213 Developmental Biology

BCB214 Molecular Biology

BPH200A Biophysical Techniques

BPH241 Membrane Biology

BIM202 Cell and Molecular Biology for Engineers

BIM204 Physiology

PTX201 Principles of Pharmacology and Toxicology

NSC221 Cellular Neurophysiology

Other (specify)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**F7.** List any lab safety training you have completed or plan to complete and the corresponding dates.

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E-mail a complete application form in a single PDF file to [pabeal@ucdavis.edu](mailto:pabeal@ucdavis.edu).

A **letter of recommendation from the PI on departmental letterhead with signature** should also be sent to [pabeal@ucdavis.edu](mailto:pabeal@ucdavis.edu).A supporting letter from the PI of the cross training lab with signature is recommended.

**Interviews will be conducted in late July/early August. Awards will be announced shortly afterwards,** **with an award start date of** **October 1, 2019**.