Opportunities Week of November 30, 2018

**Pet Therapy and Mini Health Professions Fair:** There will be representatives from physical therapy, nursing, public health and more!  
**Event held on Wednesday, December 5th, 3-5 PM in the HSC Galleria**  
See attached flyer for more info

**Harvard-Amgen Scholars Program:** A ten-week faculty mentored residential summer research program for undergraduates in biotechnology. A diverse cohort of rising undergraduate juniors and seniors will have the opportunity to work in labs of faculty across the Harvard campus. More info about this program can be found here: [https://uraf.harvard.edu/amgen-scholars](https://uraf.harvard.edu/amgen-scholars). This is one of several Amgen programs across the country  
A listing of other summer program opportunities can be found on the [Undergraduate Biology website](https://www.uraf.harvard.edu/).  

**Broad Institute Opportunities:**  
**Broad Summer Research Program:** The Broad Summer Research Program (BSRP) offers students with a demonstrated commitment to promoting diversity and inclusion in STEM disciplines the opportunity to conduct intensive research in a collaborative community. BSRP participants spend the summer performing original computational or experimental-based research in labs across the Broad Institute’s research areas, from cancer to infectious disease to computational biology. In addition, the program features a rich curriculum outside the lab that emphasizes career development, personal development, and teamwork in a small cohort.  
**Deadline to apply is January 14, 2019**  
For more info, see [https://www.broadinstitute.org/bsrp/broad-summer-research-program-bsrp](https://www.broadinstitute.org/bsrp/broad-summer-research-program-bsrp)  

**Broad Cancer Genomic Scholars Postbac Program:** An innovative, two-year program, BCGS offers participants a comprehensive, structured and immersive experience that includes groundbreaking research and academic and career guidance. BCGS participants will carry out research as paid, full-time Associate Computational Biologists or Research Associates, working alongside leading scientists within the Broad Cancer Program. Eligibility - seniors or recent graduates who majored in the biological, physical or computer sciences, engineering or mathematics, and are interested in pursuing a graduate degree (M.S., Ph.D., M.D./Ph.D.)  
**Deadline to apply is January 25, 2019**  
For more info, see [https://www.broadinstitute.org/partnerships/education/diversity-initiatives/broad-cancer-genomics-scholars/broad-cancer-genomics-sc](https://www.broadinstitute.org/partnerships/education/diversity-initiatives/broad-cancer-genomics-scholars/broad-cancer-genomics-sc)

**Kaplan Resources:** Check out Kaplan’s MCAT & DAT free practice hubs - Add some free practice to your study plans, including daily questions, quizzes, free events, and more.  

**Texas A&M Biochemistry Ph.D. Program:** Texas A&M is currently recruiting students for their PhD program in Biochemistry and Biophysics. Researchers in the Department of Biochemistry explore diverse scientific problems using biophysical, cellular, genetics, genomics, molecular and structural approaches. PhD students receive a $30,000/year stipend, health insurance, paid tuition and fees, and fellowship opportunities.  
For more info, see attached flyer and [https://biochemistry.tamu.edu/academics/](https://biochemistry.tamu.edu/academics/)

*Disclaimer: Undergraduate Biology does not endorse or take responsibility for any off-campus programs listed in Opportunities emails. While we do our best to vet any opportunity that is shared, please let us know immediately if you are suspicious of any employers/programs.*
Financial Support

Our Ph.D. students receive:

- $30,000/year stipend
- Health insurance
- Paid tuition and fees
- Fellowship opportunities

Admissions

- Student applications are considered in their entirety using a holistic approach. Required elements include:
  - Undergraduate records (coursework, research experiences, and grades)
  - Letters of recommendation
  - GRE scores
  - TOEFL scores (if applicable)

Apply to the Biochemistry Ph.D. Program

1. Submit your application through the Texas Common Application
2. Create your profile at the Texas A&M Admissions Information System
3. Upload your transcript, GRE and TOEFL scores (if applicable)
4. Attach your letters of recommendation, personal statement and a copy of your resume
5. We will do the rest!

Contact Us!

Biochemistry Graduate Program
Email: biobiograd@tamu.edu
2128 TAMU
College Station, TX 77843
(979) 845-1779

Find Us!
https://biochemistry.tamu.edu
Biochemistry encompasses multiple disciplines. Advances in Biochemistry over the past 100 years have deepened our understanding of life and improved our lives immensely. It’s an exciting time to be part of this fascinating and fast-paced area of research.

Research
Researchers in the Department of Biochemistry explore diverse scientific problems using biophysical, cellular, genetics, genomics, molecular and structural approaches.

Research Areas
- Biotechnology
- Cell and Developmental Biology
- Chromosomes & DNA
- Gene Structure and Regulation
- Genomics, Proteomics, & Bioinformatics
- Glycobiology
- Enzymes
- Membrane Transport, Structure, Function, & Biogenesis
- Metabolism & Bioenergetics
- Microbiology, Virology, & Immunology
- Plant Molecular Biology
- Protein Structure & Folding
- RNA
- Structural Biology

Graduate Program
The most important objective is to prepare graduates for success in future careers through Ph.D. level research, mastery of biochemistry, and its application to address molecular, cellular, and biophysical questions.

In the 1st semester, students perform lab rotations and take graduate courses.

In the 2nd & 3rd semesters, students join a lab and start working on their Ph.D. research. In the fall of the 3rd year, students write their proposals and take preliminary examinations. After passing to candidacy, students conduct research, attend & present at scientific conferences, and publish their research before defending their thesis research.

Texas A&M University is located in College Station, TX, is considered by Forbes to be one of five top college towns in the nation, and it is near Houston and Austin.
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HSC Galleria
Wednesday
December 5 3-5PM

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