The Biochemistry, Cell and Developmental Biology (BCDB) at Emory University is an interdisciplinary doctoral training program of the highest caliber. BCDB students are making discoveries at the level of molecules, cells and organisms that improve our understanding of fundamental biological processes, including those underpin human disease. Emory University is one of the major biomedical research centers in the Southeast and is consistently ranked in the top 20 nationally for NIH support.

Curriculum
The BCDB program offers an ideal training venue for students. In the first year, BCDB students participate in an innovative series of mini-courses covering a range of topics in biochemistry, cell and developmental biology. Students also get research experience through three laboratory rotations. In the second year and beyond, students focus on dissertation research in their chosen laboratory but also supplement their training with a course in biostatistics and one in hypothesis development and experimental design in a unique faculty peer-reviewed grant-writing course. Students may also choose from a number of electives in their specialized area of interest. The curriculum emphasizes communication, and critical thinking skills through journal clubs and student seminars. Students also gain valuable classroom teaching experiences with a one semester teaching assistant requirement. Enhancing the educational experience are monthly workshops devoted to ethical issues related to scientific research.

Supportive
BCDB students conduct world-class research in a cooperative environment. A high faculty-student ratio ensures that each student receives a level of personal attention and guidance that cannot be matched by larger programs. Travel to scientific meetings is encouraged and financially supported by the program. All students attend monthly professional development workshops and develop broad skill sets that contribute to competitiveness in a broad range of different career paths in academia, industry, or government.

Collaborative
The BCDB program reflects the interdisciplinary nature of modern research. Our faculty members are drawn from 13 basic science and clinical departments. Our program encompasses diverse disciplines, including biochemistry, cell and developmental biology, molecular biology, structural biology, genetics, neurobiology, and others. Students may work with any of the ~330 faculty in GDBBS. Find out more about our faculty and the projects they are engaged in by visiting our website.

Experience Atlanta
Atlanta is one of the most vibrant, culturally diverse and exciting cities in the US. Emory is located on a beautiful campus in the historic Druid Hills neighborhood of Atlanta, which features a stimulating, eclectic atmosphere and a reasonable cost of living.

For more information, contact:
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The application deadline is December 1st for entry in 2017. To learn more about our program, degree requirements and faculty interests, please visit:
http://www.biomed.emory.edu/PROGRAM_SITES/BCDB/index.html