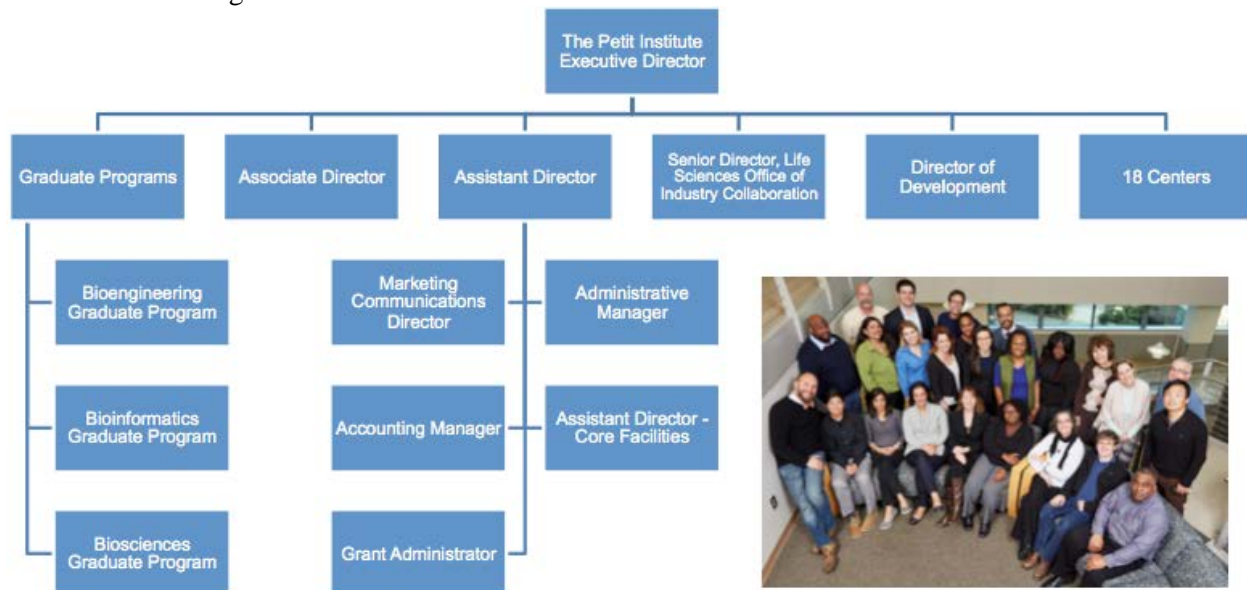


Parker H. Petit Institute for Bioengineering and Bioscience

The Parker H. Petit Institute for Bioengineering and Bioscience, an internationally recognized hub of multidisciplinary research at the Georgia Institute of Technology, brings engineers, scientists, and clinicians together to solve some of the world's most complex health challenges. With 18 research centers, 190 faculty members, and \$25 million in state-of-the-art facilities, the Petit Institute is translating scientific discoveries into game-changing solutions to solve real-world problems.

- Mission
 - Building a community within Georgia Tech and our partner institutions that *catalyzes, cultivates, and deploys* interdisciplinary research and education in bioengineering and the biosciences for economic and societal benefit.
- Research Areas
 - Bioinformatics, Biomaterials; Cancer biology; Cell manufacturing; Chemical biology; Drug, design and delivery; Immunoengineering; Molecular evolution; Molecular, cellular and tissue biomechanics; Neuroscience; Pharmaceutical technologies, Regenerative medicine; Systems biology
- Organizational Structure



Facilities & Resources

The Petit Institute provides administrative, accounting, core facilities, marketing communications, events, and grants support to all faculty members.

Within the Petit Biotechnology Building, the Petit Institute infrastructure provides physical lab and office space for over 35 Georgia Tech Petit Institute member faculty and their laboratories. The Petit Institute is considered the core of Georgia Tech's thriving cross-disciplinary bioengineering and life sciences community and offers state-of-the-art core research facilities (totaling over \$25 million) and is home to 18 different interdisciplinary research centers that include Cell Manufacturing, Immunoengineering, Neuroscience, Regenerative Engineering and Medicine, Integrated Cancer Research, Pediatric Innovation, and others.

This environment provides fertile ground for training the next generation of research leaders, and fosters interactions with and between students and faculty. Additionally, the Petit Institute provides support for Georgia Tech's interdisciplinary graduate programs: BioEngineering, Bioinformatics, and Quantitative Biosciences.

The largest graduate student group on campus is also supported by the Petit Institute - BBUGS (Bioengineering and Bioscience Unified Graduate Students). BBUGS is run by students that organize social activities, professional development workshops, and industry interactions throughout the year.

Non-traditional research education programs such as Project ENGAGES (high school students) and the Petit Undergraduate Research Scholars (undergrad) programs are also supported by the Petit Institute.

Impact to Georgia Tech

Over the last five years, the Petit Institute has supported submission of 29 grants, which have been funded.

Research funding of Petit Institute faculty members totaled over \$70 million in 2016.