



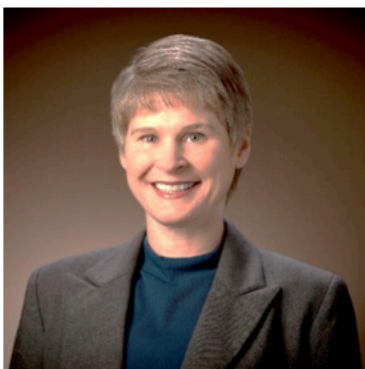
Department of Physics and Electrical Engineering

2017-2018 Alumni Newsletter

Featured Alumna

About Kathleen Baker

Kathleen Baker is a program manager for advanced technology and a member of the Principal Professional Staff at the Johns Hopkins University Applied Physics Laboratory (APL) in Laurel, Maryland. She has more than 20 years of experience in leadership of electro-optical and infrared systems, including system design, development, and test. Prior to joining APL, Kathleen served four years as a government contractor at Arnold Air Force Base, Tennessee; and 10 years in industry with Northrop Grumman and Bell Helicopter. Since joining APL, her various management and leadership assignments have included program management, staff supervision, and Lab-wide program creation and execution. Kathleen received a B.S. in Physics from the University of Scranton, and an M.S. in Physics from the University of Tennessee Space Institute. She lives in Sykesville, Maryland, with her husband, and enjoys bicycling and reading in her spare time.



Johns Hopkins University Applied Physics Laboratory (APL)

At the Johns Hopkins University Applied Physics Laboratory, they solve complex research, engineering, and analytical problems that present critical challenges to our nation. APL, the nation's largest university affiliated research center, provides U.S. government agencies with deep expertise in specialized fields to support national priorities and technology development programs. They also serve as independent trusted

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ABET Accreditation

The Electrical Engineering (EE) and Computer Engineering (CE) programs, after a comprehensive review by an ABET Team during their visit on campus in September 2017, have been successfully **accredited by ABET for another six years**. The next ABET visit will occur in the Fall of 2023.

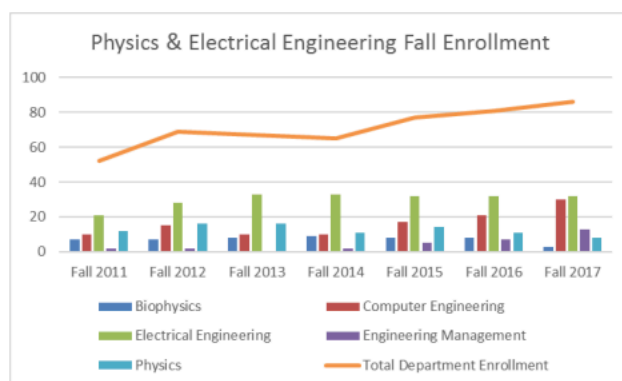


Figure: Growth of our department since 2011

ABET Self-Study reports were submitted on June 30, 2017 to the Engineering Accreditation Commission (EAC) of ABET. They were the result of several years of program assessment, reviews and continuous improvement. Each Self-Study contains detailed information on the institution, departmental faculty qualifications, student profiles, curriculum, program educational objectives, student outcomes, program assessment results, alumni surveys, Industrial Advisory Board (IAB) recommendations, and program improvements implemented over the past six years. **Thank you to everyone who attended IAB dinners in recent years and thank you to everyone who made the accreditation process run smoothly!**

Program Evaluators completed our on-site visit during September 16 – 18, 2017. The Program Evaluators reviewed our program by studying examples of student work and transcripts, and inspection of facilities and equipment while also meeting with administrators, faculty, students, alumni, and Industrial Advisory Board members.