



Annual Report on Program Learning Outcomes Assessment

Program: *PhD in Physics*

Program Contact and Title: Prof. Kevin Black, Chair of the Department Graduate Assessment Comm.

College/School Contact and Title: CAS/GRS: Susan Jackson, Associate Dean

Date: *This form is due to annually by November 15 to the Provost's Office at buassess@bu.edu.*

1. List the learning outcomes for the program:

- *Demonstrate a thorough and advanced understanding of the core areas of physics including mechanics, electricity and magnetism, thermal and statistical physics, and quantum mechanics, along with the mathematics necessary for qualitative and quantitative analyses in these areas.*
- *Demonstrate the capability of acquiring, analyzing, and interpreting quantitative data in the core areas of physics.*
- *Demonstrate the ability to conduct theoretical or experimental research that makes original contributions to our understanding of the physical world.*
- *Show the ability to effectively communicate the results of research*
- *Be able to conduct scholarly activities in a professional and ethical manner*