

**Project:** LED Lighting Lab

**Name:** Brian Lilienthal

**School:** Arts and Sciences

**Role:** Faculty

**Description:** I would like to upgrade our lighting lab to be fully LED. The theatrical lighting industry is slowly moving to an all LED model, and I would like to bring that to Tufts. This upgrade would give our students the hands on experience with what is becoming industry standard practices. This project would eliminate the tungsten based lighting fixtures we currently have, and bring in an entirely LED lighting system. These fixtures would be used in conjunction with other LED fixtures that we currently have in our lighting lab.

**Budget:** New Philips Vari-Lite 2600 profile fixtures: \$29,991.00 (3 fixtures, \$9997/fixture)

Cables and new lighting console for control: \$5300.00 (approx.) for a total of: \$35,291.00 (before shipping costs)

**Timeline:** If this project were to be approved, it would take roughly two weeks to collect bids. Once ordered, delivery may take up to 2 weeks. The install should take about 6 hours.

**People Involved:** I would work with students who are involved within the lighting department.

**Benefit to Tufts Community:** This would give access to LED equipment to all interested in learning the technology. Our lighting students have access to the lighting lab whenever the Aidekman Arts Center is open, giving them the opportunity to experiment with the fixtures on their own time. This technology would also have specific spotlights in various lighting design courses taught.