

Building Information Modeling (BIM) Opportunity



Smithsonian
Institution

Office of Facilities Engineering and Operations

2015 Summer Opportunity

01-OFEO-OBATS

Project Name: Building Information Modeling (BIM) Wiki Page Development

Number of weeks: 10

Location: Cap Gallery

[Click here to apply.](#)

PURPOSE OF OFEO INTERNSHIPS AT THE SMITHSONIAN

The primary purposes of the Office of Facilities Engineering and Operations (OFEO) Building Information Modeling internship is to provide a practical learning experience in designing Wiki pages for Building Information Modeling (BIM). Expected competencies will vary according to the specific area of study within Building Information Modeling, academic requirements of the university, and professional goals of individual students.

PROJECT DESCRIPTION

Students will assist in developing/designing wikispaces. This wikispaces will become launch points for BIM models and other related facilities information. The intern(s) will be assigned specific buildings and a general template. The intern(s) will visit sites to gather photos and research existing websites for related information to support the new sites.

STUDENT RESPONSIBILITIES

Students will engage in activities which contribute to the smooth functioning of the specific internship experience. Depending on the internship experience, students will be expected to demonstrate competencies from among the following: oral and written communication, leadership, initiative, self-monitoring, subject matter knowledge (developing and designing wikispaces).

SUPERVISORY RESPONSIBILITIES

Supervisor will provide students with assignments and activities which will provide the opportunity for the student to learn about, and participate in a professional capacity in the management of Building Information Modeling (BIM). Supervisor is also responsible for identifying the expectations of the project and the provision of opportunities to participate in Building Information Modeling Wiki Page Development, and the provision of resources, time, and support to facilitate the successful completion of the assignments.

DELIVERABLES

1. Development of multiple wiki pages.
2. Presentation to OFEO senior staff of final project (including process used, results obtained, benefits to OFEO and suggested follow-on work)

LEARNING OBJECTIVES

1. Hands-on experience in development of Building Information Modeling (BIM) Wiki Pages prototypes
2. Understanding of 3D models of Smithsonian buildings and related attributes
3. Understanding and experience with full suite of Autodesk, ESRI software products and SharePoint

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