Proposed Expansion for the College of Engineering
Center for Engineering Education and Research (CEER)
CEER AREAS OF EXPANSION

“The expansion of CEER provides us with the needed foundation upon which to continue to build one of the premier colleges of engineering in the country.”

Gary A. Gabriele, PhD, Drosdick Endowed Dean
Villanova University College of Engineering

SECURING OUR FUTURE

Villanova’s College of Engineering is committed to being a leading innovator in engineering education, one focused on the holistic—academic, professional and personal—development of each student. The “whole brain” engineers we prepare and educate will be the technical leaders of the future, solving tomorrow’s complex global challenges. To achieve this vision, the College of Engineering will continue to introduce innovative educational paradigms that emphasize hands-on, experiential and collaborative learning, which require new physical spaces. Your gift to the CEER expansion project will provide the infrastructure the College needs to reach its fullest potential.
The Hub will serve as the administrative “home” for the College that provides a professional space for welcoming everyone from prospective students to industry representatives. Equally important, the creation of this space allows the College to reclaim valuable research laboratories for faculty, undergraduate and graduate students. The Hub will be a two-story, 5,430-square-foot administrative office space providing:

- Dean’s office suite to accommodate the College leadership
- A multimedia conference room for College/industry meetings
- Seven offices for engineering staff

The Engineering Career Zone will serve as a dedicated center to provide students with the tools and resources necessary to secure employment in today’s competitive job market. Located directly off of the Jones Family Student Learning Commons, the Career Zone will offer:

- A resource center for individualized career planning
- A focused point of contact for company recruitment activities
- Professional development training on résumé preparation and interview skills
- Interview space

**Naming Opportunities**

- Engineering Hub: $3,500,000
- Multimedia Conference Room: $250,000
- Individual Offices (7): $50,000 each
  - Two of seven offices already funded

- Endow the Director’s Position for the Engineering Career Zone: $1,000,000
  - Can be funded with a single $1,000,000 gift or multiple gifts starting at $100,000
- Name the Engineering Career Zone in CEER: $250,000
The Janitz Family Dean’s Suite, located in the Engineering Hub, will provide much-needed administrative space and a welcoming atmosphere to meet with anyone from prospective students to industry representatives.

“We are proud to support the University at this pivotal time in its growth. Our gift, in particular, recognizes the outstanding work the Villanova College of Engineering and its administration have done in establishing a premier engineering program.” Alfreda and John A. Janitz

The Janitz Family Student Learning Commons will provide a place for students to work together on multidisciplinary projects and for faculty and staff to hold seminars, lectures and College and University events.

“We are honored to support the Student Learning Commons which we hope will become a center of activity fostering new levels of creativity, teamwork and interdisciplinary learning.” Denise and John Paul Jones

The new Engineering Innovation Lab will be a high bay that allows the space for students to work on scalable real-world engineering projects in a facility designed to support the College’s teaching and learning model.

“With this gift, I wanted to add to the impressive education that students are receiving at Villanova’s College of Engineering. It is my hope that the hands-on work students do in this lab will greatly influence their future careers and impact as engineers.” John G. Drosdick

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CEER EXPANSION REMAINING NAMING OPPORTUNITIES

- Engineering Hub: $3,500,000
  - Multimedia Conference Room: $250,000
  - Individual Offices (5): $50,000 each
- CEER Concourse: $1,000,000
- CEER Atrium: $1,000,000
- Endowed Director, Career Zone: $1,000,000
- Engineering Career Zone: $250,000
- Innovation Lab Equipment
  - Overhead Crane: $250,000
  - Small machine shop area with power tools: $100,000
  - Model shop with woodworking power tools: $100,000
- Green Roofs (3) and Solar Panels (2): $150,000 each

Funded by Gloria J. and John G. ’65 COE Drosdick

$2,500,000

THE JONES FAMILY STUDENT LEARNING COMMONS
Funded by Denise and John Paul ’72 COE Jones
$3,000,000

THE ENGINEERING INNOVATION LAB
Funded by Gloria J. and John G. ’65 COE Drosdick
$2,500,000

THE JANITZ FAMILY DEAN’S SUITE
Funded by the John A. Janitz ’65 COE Family
$500,000

Funded by the John A. Janitz ’65 COE Family
$500,000

NEWLY ENHANCED CEER CONCOURSE

Updated CEER Atrium
College of Engineering Highlights

Ranked among the top 15 “Best Undergraduate Engineering Programs” in the country for the past 11 years, according to U.S. News & World Report.

**Innovative first-year curriculum,** recognized in The Chronicle of Higher Education, provides freshmen with an active-learning, problem-based curriculum that gives them a multidisciplinary, hands-on experience from which they are more fully prepared to select their major and succeed as upperclassmen.

**Service learning** experiences give students the opportunity to use their engineering expertise and passion to make a difference in the lives of others across the street and around the world.

College of Engineering Fast Facts

- Total undergraduate enrollment (Fall 2014): 1,053 students
- Percent of female undergraduate engineering students: 28% (versus the national average of 18.6%)
- Percent of undergraduates who were in the top 25% of their high school class: 94%
- Percent of freshmen class who returned to the College in the following fall semester: 93%
- Total number of full-time tenure track faculty: 64 professors; 21.8% are women
- Percent of graduates employed full-time or enrolled in graduate school full-time: 97.2%
- Average starting salary of graduates: $60,618

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