*ENTRY FORM*

# DVASE
# 2017 Excellence in Structural Engineering Awards Program

**PROJECT CATEGORY (check one):**

| | | | |
|---|---|---|---|
| Buildings under $2M | | Buildings Over $100M | |
| Buildings $2M-$10M | | Other Structures Under $5M | |
| Buildings $10M - $30M | | Other Structures Over $5M | |
| Buildings $30M - $100M | X | Single Family Home | |

| | |
|---|---|
| Approximate construction cost of facility submitted: | $35 million |
| Entry Fee: | **FREE** |
| Name of Project: | School of Business, La Salle University |
| Location of Project: | Philadelphia, PA |
| Date construction was completed (M/Y): | January 2016 |
| Structural Design Firm: | The Harman Group, Inc. |
| Affiliation: | **All entries must be submitted by DVASE member firms or members.** |
| Architect: | Kimmel Bogrette Architecture + Site |
| General Contractor: | Daniel J. Keating Company |

Company Logo (insert .jpg in box below)


**Important Notes:**

- Please .pdf your completed entry form and email to bkoroncai@barrpino.com.
- Please also email separately 2-3 of the best .jpg images of your project, for the slide presentation at the May dinner and for the DVASE website. Include a brief (approx. 4 sentences) summary of the project for the DVASE Awards Presentation with this separate email.

- Provide a concise project description in the following box (one page maximum).

Include the significant aspects of the project and their relationship to the judging criteria.

Located in the heart of the La Salle University campus at the intersection of Wister and Chew Avenues, this 87,000 square foot, multi-tiered School of Business building expands the University's West Campus. To accommodate different uses, the program demanded that the three separate buildings be tied together with a grand glass-clad atrium. Pedestrian access between the buildings utilized long span bridges overlooking the atrium.

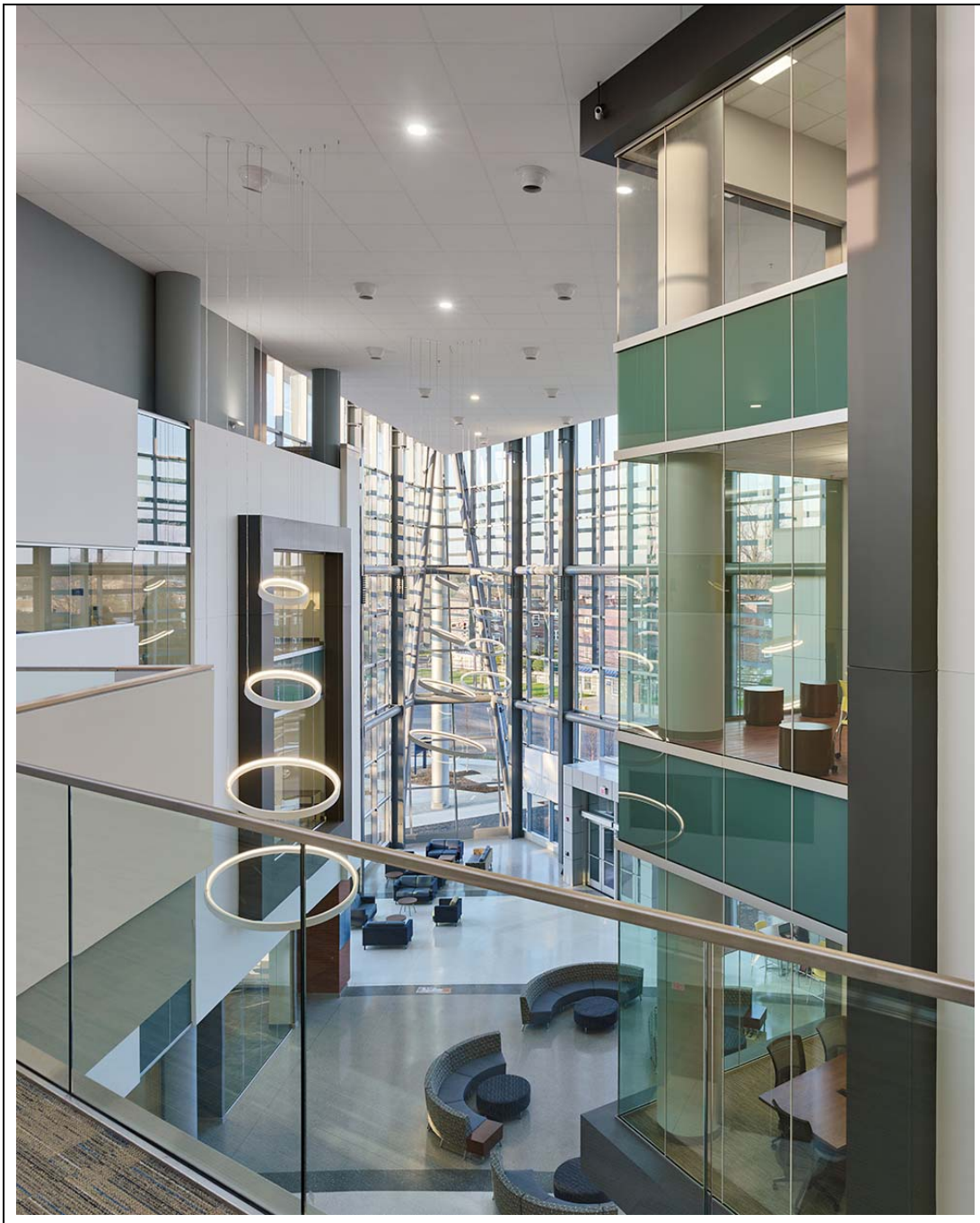
The program features classrooms, flexible collaborative learning rooms, computer classrooms and simulation facilities; a sales training laboratory and a corporate style boardroom; a 300-seat auditorium; gathering areas and faculty offices; and a large atrium space.

A structural steel frame with concrete slab on metal deck structure allowed for ultimate flexibility in design. This structural system permitted the structure to blend seamlessly with the architecture in the unique mix of square, triangular, and circular segments of the building. A lateral system of moment frames parallel to the long direction of each rectangular wing permits floor-to-floor glass at locations on the exterior façade, and allows for interior classrooms to have an unobstructed full-height view of the open, light atrium space. The circular lecture hall features curved hollow structural section members at the perimeter and a cantilevered balcony with stadium seating.

The atrium includes an intricate structural steel pipe framing with sloping, architecturally exposed members and connections allowing the 55-foot-tall, glass-clad atrium space to be clear of interior obstructions. Additional framing supporting sunshades were required to be cantilevered to meet architectural demands.

The significant architecture had to be balanced with cost effectiveness. Value engineering forced the removal of the concrete at the roof. Supplemental stiffness had to be added back in with structural steel that was stiff enough to tie the assembly together.

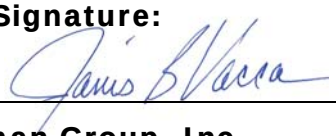
- The following 5 pages (maximum) can be used to portray your project to the awards committee through photos, renderings, sketches, plans, etc…



By signing, signatory agrees to the following and represents that he or she is authorized to sign for the structural design firm of record:

*All entries become the property of DVASE and will not be returned. By entering, the entrant grants a royalty-free license is granted to DVASE to use any copyrighted material submitted.*

Submitted by:

| | | |
|---|---|---|
| **Print name:**<br>**Janis B. Vacca, PE, LEED AP** | **Signature:**  | **Date:**<br>**4/17/2017** |

| | | |
|---|---|---|
| **Submitting Firm:** | **The Harman Group, Inc.** | |
| **Mailing address:** | **900 West Valley Forge Road, Suite 200**<br>**King of Prussia, PA 19406** | |
| **Telephone:**<br>**610-337-3360** | **Fax:**<br>**610-337-3359** | **Email:**<br>**JVacca@HarmanGroup.com** |