



June 2017

CLASS NOTES



Gary A. Gabriele, PhD

*Drosdick Endowed
Dean of Engineering*

Dear Friends,

Each spring brings a whirlwind of activity in the march towards commencement. There are students to congratulate and celebrate, faculty to recognize and an incoming class to assemble.

I'd like to begin this issue of protoTYPE by thanking three retiring professors, whom collectively contributed 90 years to Villanova Engineering: Dr. Kevin Buckley, Electrical and Computer Engineering, and Drs. Kenneth Kroos and Kei-Peng Jen, Mechanical Engineering. On the other end of the spectrum, I'd like to congratulate three newly promoted faculty: Drs. Zuyi (Jacky) Huang, Chemical Engineering, and Calvin Li, Mechanical Engineering, were named associate professors, and Dr. Bridget Wadzuk was promoted to full professor, Civil and Environmental Engineering.

And while we're congratulating and thanking faculty, one professor deserving of both is Dr. Alfonso Ortega who was recently named dean of engineering at Santa Clara University in California. Read more about Al and his contributions to Villanova Engineering in this [article](#).

Finally, I'm pleased to report that applications for this year's freshman class topped 2,700 for the first time in history, and we are excited to welcome our most talented class this August.

Enjoy your summer and this issue of protoTYPE!



Recognizing Tomorrow's Engineering Leaders

Hundreds of family members and friends turned out to celebrate the achievements of the College's 263 bachelor's degree graduates, 114 master's degree recipients and nine PhDs.

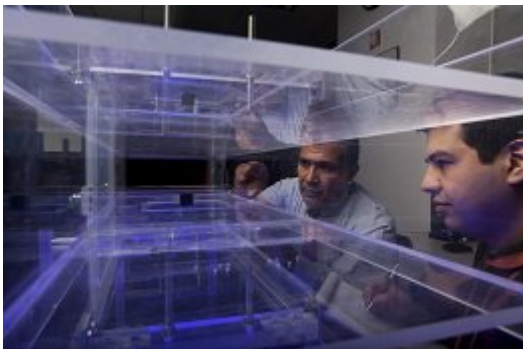
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Panama's Father Wally Earns Honorary Degree

Rev. Walter Kasuboski, OFM, or "Father Wally" as he is known in the College of Engineering, was presented with a Doctor of Humanities degree at Villanova's 2017 Commencement ceremony.

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Ortega Recognized with 2017 IEEE ITherm Achievement Award

Dr. Alfonso Ortega, director of Villanova's Center for Energy-Smart Electronic Systems, was honored for contributions to the field of



Professor Part of Winning Team for \$2.5M Qualcomm Tricorder XPRIZE

Dr. Edward Hepler, an adjunct in the Electrical and Computer Engineering department, contributed to Basil Leaf Technologies' award-winning medical device.

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electronics thermal/thermo-mechanical management.

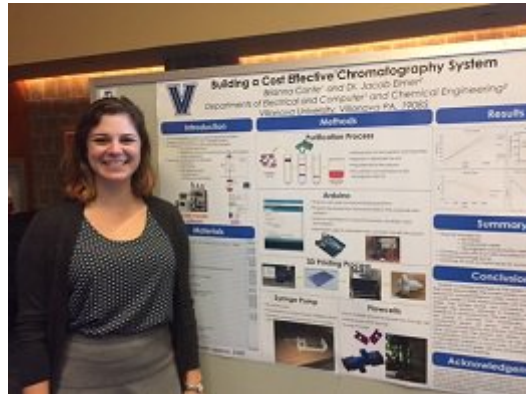
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Dean's Awards Dinner Recognizes Graduating Seniors

The 42nd annual event recognized the academic achievements and meritorious service of 37 graduating engineers.

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Engineering Students Present at Sigma Xi Research Symposium

The annual poster event recognizes and celebrates the next generation of researchers in science and engineering.

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Associate Dean Recognized with Inaugural Faculty Award

Dr. Stephen Jones, the College's Associate Dean of Students and Strategic Programs, received the Wildcat Crossing Faculty Award for his support of under-represented and/or first-generation Villanova students.

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Graduate Certificate in Engineering Entrepreneurship

Alumni, you told us you wished the College had offered these courses when you were here...well now's your chance! Earn your certificate in engineering entrepreneurship on campus or online and bridge the gap between engineer and innovator!

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Professor Named Fellow in National STEM Program

Dr. Bridget Wadzuk, Civil and Environmental Engineering, was selected for ELATE at Drexel®, an elite, one of a kind professional development program for women in the academic STEM fields.

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Department Presents Annual CEE Day

This celebration of the class of 2017 included capstone design project presentations, recognition of award-winning students, and an undergraduate research poster session.

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Villanovans Receive AIChE Awards

The Delaware Valley Section of the American Institute of Chemical Engineers presented awards for outstanding students, faculty and alumni.

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Mechanical Engineers Present Capstone Design Projects

Nineteen teams competed with presentations to industry judges. Several projects were sponsored by corporate partners, while others benefited international service partners.

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Villanova Engineers Win Numerous NROTC Awards

Seventeen Villanova Engineering students were recognized at the University's NROTC Spring Pass-In-Review, which honors the midshipmen's hard work and dedication.

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Engineers Perform on Pitch Day

Pitch Day includes the Villanova Student Entrepreneurship Competition, the Meyer ICE Award, a Creativity Challenge and more.

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In Memoriam: J. Walter Harrington III

Dr. J. Walter Harrington III passed away on May 16, 2017. Dr. Harrington will be remembered for his cheery disposition and his love for teaching. He retired in 2002, after many years of teaching in Villanova's Mechanical Engineering department.

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