

## Alfred University cites engineering student for outstanding co-op experience

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Nicholas Dosch, a senior ceramic engineering major in the Kazuo Inamori School of Engineering, is this year's winner of the John F. McMahon Achievement Award for his outstanding performance during a cooperative experience working at ENrG Inc. in Buffalo, NY. Dosch worked at ENrG, which develops and manufactures "high technology ceramic components for clean energy systems such as fuel cells, gas separation, and other membrane technologies," from May to December, 2007. "Mr. Dosch was a highly motivated and energetic part of the ENrG team, who readily took on responsibilities and sought to make a positive impact on the organization," wrote Gregory Korbut, senior engineer, in nominating Dosch for the award. According to Korbut, Dosch "demonstrated a good understanding of ceramic processing principles, executing standard processes and documenting results and data in an orderly manner." But beyond that, Dosch also "proposed and implemented dispersion improvements in one oxide coating program, justifying the changes through a sound knowledge of basic colloidal processing in conjunction with appropriate literature surveys on the subject." Dosch also contributed to new process development, and some of his proposed changes are being implemented by ENrG to improve product quality. "This is exactly the kind of cooperative experience we want our students to have," said Dr. Alastair Cormack, dean of the School of Engineering. "We prepare our students to enter the job market ready to make a contribution to their employers, and Nick did just that. He demonstrated he had the knowledge and the skills to make a difference immediately, which is pretty good for a student who was a junior at the time." The McMahon Achievement Award is presented each year to the engineering student who has the most outstanding recommendations from his or her co-op employer. McMahon, who was dean of the New York State College of Ceramics from 1949 to 1965, and was affiliated with the school for more than 60 years, strengthened ties with industry. A graduate of Alfred-Almond Central School, Dosch is the son of Dr. Nancy Evangelista and Joseph Dosch of Alfred. The Kazuo Inamori School of Engineering at Alfred University offers majors in biomedical materials engineering science, ceramic engineering, glass science engineering and materials science, all of which are part of the New York State College of Ceramics at Alfred University, as well as in electrical engineering and mechanical engineering. For more information: <http://engineering.alfred...>