

AU awards scholarships to top scorers on engineering exam

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Alfred University recently hosted its annual Engineering and Materials Science Day. Eighty-nine students from 21 regional high schools participated in the activities, highlighted by a scholarship competition that rewards top-scoring students who wish to enroll in the Kazuo Inamori School of Engineering at AU. Peter Thayer, a senior at Wayne Central School, Ontario Center, NY, came in first place in this year's competition. He was awarded a \$10,000 scholarship to be distributed over the course of four years. Second place went to Vasily Kuksenkov, a junior at Corning-Painted Post West High School, who received an \$8,000 scholarship (\$2,000 per year). Frank A. Kramer IV, a senior at Frewsburg Junior-Senior High School, Frewsburg, NY, finished in third place. He would receive a four-year scholarship totaling \$6,000 if he decides to attend Alfred University. The Engineering and Materials Science Day also offered an opportunity for visiting students, teachers, and guidance counselors to learn more about the Kazuo Inamori School of Engineering by touring engineering facilities and viewing faculty/student demonstrations. The visitors had the following choices: Dr. James Varner, professor of ceramic engineering and materials science, presented "Picking Up the Pieces How to be a Glass Detective," featuring a demonstration on the fractography of glasses. Dr. Xingwu Wang, professor of electrical engineering, and students talked about "Three-Phase Motor Control" and "Thin Film Capacitor & LabVIEW-based Measurement System." Dr. William C LaCourse, professor of glass science, hosted a demonstration on glass fibers. Dr. Scott Misture, professor of materials science and engineering, and Eric Nichols, a graduate student, presented "X-Ray Powder Diffraction and its Application to Archeological Exploration." Bioscience Technician Raymond Lewis presented "Atomistic Computer Simulation of Materials." Dr. Joe Rosiczowski, associate professor of mechanical engineering, presented a program on "Beetle Bots (robotic warriors)." Student Stephanie Morris presented a session on glass pouring. Dr. Jianxin Tang, professor of electrical engineering, talked about "Maglev 'Train' (superconductor)." Dr. Jinghong Fan, professor of mechanical engineering, hosted "Investigating Important Materials Mechanics." Student Anatoly Kishinevski offered "Scientific Glassblowing and its Applications." Dr. William Carty, professor of ceramic engineering and materials science, and Matt Katz, research assistant, discussed "Ceramic Materials and Processes," focusing on slip casting and other "cool" things.