

Four from Alfred University receive SUNY Chancellor Awards for Student Excellence

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Two December '02 graduates and two current seniors from the School of Ceramic Engineering and Materials Science at Alfred University received State University of New York Chancellor's Awards for Student Excellence in a ceremony held earlier this week in Albany. Receiving their awards from SUNY Chancellor Robert L. King were: Carlos C. Chang, a December '02 graduate who received his B.S. degree in ceramic engineering, as well as a Bachelor of Fine Arts degree from Alfred University's School of Art and Design. He is a resident of Penn Yan, NY. Shawn M. Allan, who also received his B.S. degree in materials science and engineering in December '02. He is a graduate of Niagara-Wheatfield Senior High School. James F. Carroll III, who will graduate in May with a degree in ceramic engineering. He is a Buffalo, NY, resident. Nathanael Lawton, who will graduate in May with a B.S. degree in materials science and engineering. He is a resident of Little Genesee, NY. Chang, who achieved a 3.57 (out of 4.0) grade point average (GPA) while compiling 208 credits to earn his two degrees, was recognized by both the School of Ceramic Engineering and the School of Art and Design for his accomplishments. The ceramic engineering faculty named him the outstanding December '02 graduate from their program, and the faculty in the School of Art and Design presented him with an award for the outstanding BFA exhibition in May '01. He completed a co-op program at Sandia National Laboratories in Livermore, CA, working for the microsystems technology Division. His work contributed to two presentations at the Materials Research Society's annual meeting in Boston, MA. He also participated in a minority internship in nanotechnology research at Northwestern University, which resulted in publication of his work in the university's undergraduate research journal. At Alfred University, Chang was a member of Tau Beta Pi, the engineering honor society, and Keramos, the ceramic engineering honor society. He was a tutor, mentor and teaching assistant, and worked for the New York State Center for Advanced Ceramic Technology as a technical assistant, creating web sites and CD-ROMs. He was the recipient of the Mark S. Miller Memorial Scholarship for excellence in microscopy. Chang is a son of Carlos and Judith Chang of Penn Yan, NY, and is a graduate of Marcus Whitman Central School in Gorham, NY. Allan, a graduate of Niagara-Wheatfield Senior High School, received the McMahan Award for outstanding achievement during his co-op experience. He was a recipient of the Harry Odink Memorial Award, awarded by the faculty for "skills and enthusiasm for research and engineering in a laboratory setting." As a co-op student, Allan worked at Sandia National Laboratories in Livermore, CA, in ceramic and metal nanopowders for micropart fabrication, presenting his research results at program symposia and at the national American Society of Metals/TMS meeting. He was named as a co-inventor on a patent for powder-metal microstructure processing. Allan received the American Society of Metals Foundation Scholarship in recognition of his academic excellence in the field of metallurgy/materials. At Alfred, Allan was the recipient of a Presidential Scholarship, the Robert C. Byrd Honor Scholarship awarded by New York State, as well as a NYS Scholarship for Academic Excellence. Also a member of Keramos and Tau Beta Pi for his academic achievements, which included earning a 3.60 GPA, Allan was also elected to Omicron Delta Kappa, the national leadership honor society, for his leadership in campus organizations, including the student chapter of the American Ceramic Society and his fraternity. He was a volunteer member of the Alfred Rescue Squad. Throughout his time at Alfred, Allan was a member of the AU Chamber Singers, played with the orchestra, and was bagpiper for the lacrosse team and the rugby team. Allan is a son of Linda Kozel of Pottstown, PA, and Craig Allan of Lewiston, NY. Carroll, who is a son of Margaret and James F. Carroll II of Buffalo, earned a 3.61 GPA as a ceramic engineering major while playing four years of varsity soccer for the University. He was named to the Empire Eight President's Academic List for earning a GPW of more than 3.75 during the varsity soccer season. A finalist for Alfred University's Outstanding Senior Award, Carroll is the recipient of the Mark S. Miller Memorial Scholarship for Excellence in Microscopy; a New York State Scholarship for Academic Excellence; the Kazuo Inamori Endowed Scholarship and the Carborundum Scholarship. He is a member of Alpha Lambda Delta, Keramos and Tau Beta Pi honor societies, and is a teaching assistant and tutor. Carroll completed a co-op at Sandia National Laboratories in Albuquerque, NM, developing and fabricating ceramic dielectric composites for radio-frequency control capacitors. The results of his work are to be published later this year. He also worked as a summer intern at Tyco Electronics in Buffalo, assisting in research on fuel cell technology. At Wilson Greatbatch Limited in Buffalo, during his summer work experience there, Carroll helped design, construct and test bio-implantable capacitors. Carroll volunteers as a youth camp counselor at the AU summer soccer camp, and also volunteers for Bishop Timon-St. Jude High School in Buffalo as a member of the social/religious events committee. Carroll is a graduate of that high school. Lawton, who

earlier this month was named as AU's Outstanding Senior, an honor awarded by the Alfred University Alumni Council, and as the Outstanding Senior for the School of Ceramic Engineering and Materials Science by a vote of the faculty, earned a 3.95 GPA. A National Merit Scholar, Lawton is a member of the Tau Beta Pi, Alpha Lambda Delta, Phi Kappa Phi and Keramos honor societies. He is a tutor, mentor and teaching assistant, a Writing Center tutor, a member of the Student Senate, and a member of the Science Fiction Club. Lawton has also participated in cross-country, indoor track and outdoor track, the AU Folk Dance group and the AU Chamber Singers. He was a volunteer for the Summer Christian Service Corps, both in the United States and in Australia and served as his church's delegate to the Seventh Day Baptist World Federation Meeting in Brazil. Lawton was a student intern at the PM Laboratory at Penn State, studying stainless steels and the effect of particle size and chemistry on the formation of final parts. A graduate of Bolivar-Richburg Central School, Lawton is a son of Gordon and Linda Lawton of Little Genesee, NY.