Office of the Executive Vice President & Provost

MEMORANDUM

19 September 2011

To: UNLV Campus Community

From: Michael W. Bowers
Executive Vice President & Provost

Subject: Approved Merger and Name Change:
Center for Advanced Study of Algorithms & Center for Information and Communication Technology

to Center for Information Technology and Algorithms

The NSHE Academic Affairs Council approved the following merger and name change at their June 2011 meeting. This is the final approval.

Merger of the Center for Advanced Study of Algorithms (CASA) & the Center for Information and Communication Technology (CICT) into a new unit: Center for Information Technology and Algorithms (CITA).

Effective Date: 1 July 2011

The synergies from merging both centers into a single research unit will make it possible to address information technology challenges in a more effective way. A combined center will make it possible to compete successfully for funding from agencies interested in applications while providing rigorous theoretical underpinnings. One example is energy aware computing, where CASA has collaborated in the development of online algorithms with a group of researchers in Japan funded by Panasonic. On the other hand, CICT has expertise in reconfigurable design, sensor networks, and mobile computing, which can advance theoretical results in this emerging area.

The Center for Information Technology and Algorithms (CITA) is a multidisciplinary unit with a focus on information technology for both theoretical and applied research. The purpose of the center is to create and promote algorithmic advances in various aspects of information and communication technology, utilizing research methods from combinatorial optimization, approximation theory, adaptive algorithms and game theory. Prominent application areas include homeland security, e-healthcare, e-learning, e-commerce, and entertainment engineering. CITA facilitates national and international collaborations and interdisciplinary work across UNLV’s campus and with other academic entities.

The center will be housed in the Howard R. Hughes College of Engineering and will report to the Dean. Dr. Wolfgang Bein (702) 895-1477, and Dr. Shahram (702) 895-4016, will serve as co-directors of the
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