



SEARCH

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National Science Foundation grant to provide scholarships for doctoral students

Friday, January 4, 2013 - 9:25am

DENTON (UNT), Texas--A nearly \$1 million grant from the National Science Foundation will provide scholarships for doctoral students to study cyber security and information assurance in UNT's [College of Engineering](#), [College of Business](#) and [College of Information](#).

The new program builds on UNT's leadership as one of only seven institutions in the United States to be designated by the National Security Agency and Department of Homeland Security as a [National Center of Academic Excellence in Information Assurance Research](#). UNT also has been designated as a National Center of Academic Excellence in Information Assurance Education.

Institutions with these designations are recognized as leaders in cyber security education and research.

About six students will be accepted into the new program, which begins in Fall 2013, and each will receive about \$50,000 per year in scholarship funding.

"Students who are accepted to the program will take core courses from UNT's colleges of engineering, business and information," said [Ram Dantu](#), professor of [computer science and engineering](#) in UNT's College of Engineering, who is leading the program. "Such an interdisciplinary education will help students advance the field of research."

[Dan J. Kim](#) from the UNT College of Business Department of Information Technology and Decision Sciences and [Suliman Hawamdeh](#) from the UNT College of Information's Department of Information Science are co-principal investigators in the multi-year grant project.

An education in cyber security and information assurance can lead graduates to careers in social and security engineering, which impact several industries, including supply chain management, electronic health record management, social networking and mobile phone security.

Students in the doctoral program will be able to develop and apply theoretical models drawing from multiple disciplines to solve security threats; conduct advanced data analysis and visualizing using data from emerging technologies such as smart phones and social networks; develop, interpret and administer local, state and federal security standards, policies and laws; and derive the social meanings of trust, identity and risk occurring in sectors including e-commerce, healthcare and telecommunications.

The growth of talent at UNT in the area of information assurance and computer security has grown over time, which led to the creation of the [Center for Information and Computer Security](#). The center taps the knowledge, research and expertise of UNT faculty in programs and organizations focused on security, information assurance and cyber crime. Faculty members involved in the center come from various departments at UNT, including Computer Science and Engineering, Criminal Justice and Information Technology and Decision Sciences.

Application and scholarship details can be found on the Center for Information and Computer Security website: <http://www.cics.unt.edu/>. For more information contact Ram Dantu at rdantu@unt.edu.

UNT News Service Phone Number: [\(940\) 565-2108](tel:(940)565-2108)

Contact: [\(940\) 565-4835](tel:(940)565-4835)

Email: Leslie.Wimmer@unt.edu

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Latest News

[UNT professor's art merges robots with ancestral South American sculpting technique](#)

Friday, January 18, 2013

UNT's College of Visual Arts and Design new media assistant professor Paula Gaetano-Adi was recently awarded the VIDA Art and Artificial Life Awards grant.

[Two online programs ranked among nation's best](#)

Friday, January 18, 2013

UNT's online graduate degree programs in business and education have been ranked among the nation's best by *U.S. News and World Report* in its 2013 Best Online Education Program rankings.

[Hispanics in U.S. often live longer than those in other ethnic groups](#)

Thursday, January 17, 2013

A UNT psychologist shows in a new analysis that the Hispanic-American participants' survival rates from heart disease and other medical conditions were substantially higher than that of the non-Hispanic white and African-American participants.

[UNT named Tree Campus USA University](#)

Wednesday, January 16, 2013

UNT is recognized by the Arbor Day Foundation as a 2012 Tree Campus USA University for its dedication to campus forestry management and environmental stewardship.

[Composers on Campus series spotlights new music at UNT](#)

Wednesday, January 16, 2013

UNT's College of Music presents the series this spring. It brings a number of world-class guest composers to campus for performances of their works, in addition to showcasing faculty talent.



University of North Texas
1155 Union Circle #311277
Denton, Texas
76203-5017
Phone: (940) 565-2000
[Contacts](#)



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to: news_service@unt.edu.



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