College of Computing,
Engineering and
Construction

Annual Report of Faculty Scholarship

2005-2006
Division of Engineering


Refereed Publications/Conference Proceedings

Department of Building Construction Management


Department of Computer and Information Sciences


Division of Engineering


**Vasana, Susan** and Kevin Phillips, “System Simulation and Performance Comparison of DS-TRD and TH-PPM Modulation Schemes for Ultra-Wide Band


http://ams.confex.com/ams/WAFNWP34BC/techprogram/paper_93852.htm


Refereed & Invited Presentations

Department of Building Construction Management


**Lambert, J. David** and Patrick Welsh, “Florida Road Weather Information System Research Activities being Conducted in UNF’s Advanced Weather Information Systems Research Laboratory”, *Florida Department of Transportation’s Annual Intelligent Transportation System Conference*, March 2006.


Department of Computer and Information Sciences


**Division of Engineering**


2005/06 Contracts & Grants

Department of Building Construction Management

- 2005/06 DSR&T Contracts & Grants


Department of Computer and Information Sciences

- 2005/06 DSR&T Contracts & Grants


Behrooz-Seyed, Abbassi, “Collaborative Data Warehouse Research: Data Extraction from DICOM Headers”, American College of Radiology, $5,682.


- 2005/06 Other Grants & Contracts

Martin, Kenneth, Summer Teaching Grant, UNF, $5,000.

Division of Engineering

- 2005/06 DSR&T Contracts & Grants

Alexander, John, “Intelligent Dog Dish Design, Prototype 1, 2 and 3”, Life Reporting Systems, $7,616.

Alexander, John, "Rapid Response Sensor Networking for Multiple Applications Phase II”, U.S. Department of Defense/Edgewood Chemical Biological Center, $109,920.

Cox, Daniel, “Industry Collaboration for Development of Intelligent Distributed Microgrids”, State University System Sub-award, DOE–FSU Department of
Energy (DOE) – Florida State University Electric Power Infrastructure Reliability and Security Research and Development Initiative, $133,000.

Cox, Daniel, "First Coast Manufacturing Innovation Partnership”, National Science Foundation, $88,255.


Jackson, Michael, “JEA EZ Base Study”, Jacksonville Electric Authority, $45,000.

Jackson, Michael, “FY 05/06 Planning and Design of Flexible Pavement Test Tracks for Use with the Accelerated Pavement testing Program” Florida Department of transportation, $351,266.


Schonning, Alexandra, "First Coast Manufacturing Innovation Partnership”, National Science Foundation, $88,255.

Schonning, Alexandra, "Adjustable Tap Stop Design", Walter Lorenz Surgical, $5409.


Woolschlager, John, "Rapid Response Sensor Networking for Multiple Applications Phase II”, U.S. Department of Defense/Edgewood Chemical Biological Center, $91,600.

- 2005/06 Other Grants & Contributions

Schonning, Alexandra, "Career: Enhancing Mechanical Engineering Education Through Computer Aided Engineering (CAE) and Industry Centered Activities", UNF, $ 5,000.
Juried Creative Works & Performances