CCEC

May 1, 2008 – May 31, 2009

Scholarship Report

College of Computing, Engineering, and Construction

University of North Florida

September 2009
College of Computing, Engineering & Construction

**Refereed Books**

None.

**Refereed Publications**

**Journal Articles**

**Construction Management**

None.

**School of Computing**


School of Engineering


Conference Proceedings

Construction Management


School of Computing


School of Engineering


**Book Chapters**

**School of Computing**


Book Reviews

None.

Refereed & Invited Presentations

Construction Management


School of Computing


School of Engineering


Fryman, Jean, "What is an Engineer Anyway", Argyle Elementary School, December, 2008.


Fryman, Jean, "What is an Engineer Anyway", Hendricks Avenue Elementary School, February, 2009.


Fryman, Jean, "What is an Engineer Anyway", Yulee High School, April, 2009.


Academic Research Technology Services

Cowart, Donald, **Smith, Terry** and Weeks, Michael, "Building a Beowulf Cluster Using Ubuntu Linux", *The Jacksonville Linux Users Group Meeting*, October, 2008.


**Contracts & Grants**

**School of Engineering**


**Choi, Chiu**, "Sensor Arrays for Multiple Applications”, US Department of the Army, Englewood Chemical Biological Center, $139,550.

**Cox, Daniel**, "Sensor Arrays for Multiple Applications”, US Department of the Army, Englewood Chemical Biological Center, $139,550.


**Eason, Paul**, "Goodrich Metallosilicate Analysis Phase 2”, Goodrich Corporation, $2,115.


**El Safty, Adel**, "Proposal for Precast/Prestressed Concrete Design Studio”, Precast/Prestressed Concrete Institute, $125,000.


Hudyma, Nick, “Geophysical Testing of Rock and Its Relationship to Physical Properties”, Florida Department of Transportation, University of Florida, $24,848.

Jackson, Mike, “Planning and Design of Flexible Pavement Test Tracks for Use with Accelerated Pavement testing Program”, Florida Department of Transportation, $361,937.

Krusienski, Dean, "General Purpose Brain-Computer Interface System”, National Institutes of Health, Health Research Inc., $80,753.

Merckel, Gerald, "Sense Cell: Detection of Hazardous Materials via a Cell Phone” UNF Office of Research and Sponsored Programs, $5,000.

Merckel, Gerald, 'Night Watch: Detection and Reporting on Street Lighting via an Autonomous Wireless Sensor Network’ UNF Office of Research and Sponsored Programs, $5,000.

Sando, Thobias, "Integrating Transit into Complete Streets Design Policies”, Florida Department of Transportation, $78,000.

Sando, Thobias, "Lanes for Bicyclists”, Florida Department of Transportation, $131,605.


Patents


CCEC Summary

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