



# Science & Engineering Library News

News for the Department of  
Civil & Environmental  
Engineering & Geodetic Science

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## Google Scholar



Did you know that Google Scholar can be used to find resources available through the OSU Libraries or OhioLINK? You can access Google Scholar through the OSU Libraries' Research Databases list or link directly to it at: <http://library.ohio-state.edu/record=e1000511>.

Accessing it via the OSU Libraries allows you to more easily check for access to the results found via a search. Once you have done a search, look for the link labeled [Find it with OLinks](#) in order to check for access through OhioLINK or the OSU Libraries.

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## Did You Know? OSU Knowledge Bank

<http://kb.osu.edu>

Did you know that the OSU Libraries and the Office of the CIO have a place online for you to place electronic documents? OSU's Knowledge Bank ([kb.osu.edu](http://kb.osu.edu)) is a dynamic institutional repository for the digital intellectual output of the university community. As faculty and research staff creates research material and scholarly publications in increasingly complex digital formats, there is a need to collect, preserve, index and distribute this ever-growing body of work. Some benefits of contributing your work to the Knowledge Bank are long-term preservation, an immediate worldwide audience with quick distribution, organized access to your work by colleagues and students through search engines like Google, and a permanent, stable URL that can be used in a citation. The Knowledge Bank contains articles, working papers, preprints, technical reports, conference papers, lectures and presentations, learning objects and data sets. See the site for more information or use the contact information below for questions.

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## Resources Spotlight

### Compendex

<http://library.ohio-state.edu/record=e1000124>

Search for information from over 2600 journals, proceedings, and technical reports from 1969 to the present. Compendex Historical is also available for 1884-1968.

### OhioLINK

<http://www.ohiolink.edu/>

Search the holdings of over 80 Ohio Libraries, thousands of electronic journals, online videos, and more.

## Featured Library Service:

### E-Reserves

<http://reserves.lib.ohio-state.edu/current/Eres/eres2001.php>

Course Reserves can be made available electronically! The OSU Libraries can assist you with providing electronic access to documents for your classes. The **Electronic Reserves Office** can assist you by scanning paper documents, providing links to documents already available electronically, and make sure that all copyright rules are being followed. Links to the resources will be placed in Carmen. For more information, please see the Electronics Reserves Office site (link above).

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## Contact Information

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# Congratulations!

## Denman Undergraduate Research Forum 2007 Winners

### College of Engineering

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1st:

*Design of a Scanning Tunneling Microscope*

Presenter: Shannon Yee

Advisor: Vish Subramaniam

2nd:

*Accuracy of Material Modeling Software for Predicting Carbide Formation in Nickel-base Alloys*

Presenter: Melissa Rubal

Advisor: John Lippold

3rd:

*A Systems Analysis and Design Tool for Product Design*

Presenter: Aimee Gall

Advisors: Blaine Lilly

4th:

*Trusted Computing and Digital Rights Management Clearinghouse*

Presenter: Adam Champion

Advisor: Bruce Weide



### College of Mathematical and Physical Sciences

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1st:

*An Along-Stream Profile of Ohio River Discharge from Satellite Elevation Mapping*

Presenter: Brian Keil

Advisor: Douglas Alsdorf

2nd:

*Crinoids and Lilliputians: Morphological change in Class Crinoidea during the O-S mass extinction event*

Presenter: Matthew Borths

Advisor: William Ausich

3rd:

*Fabrication and Characterization of Superconducting Microwave Resonators for Subatomic-Scale Spin Resolution*

Presenter: Daniel Chait

Advisors: Chris Hammel

Palash Banerjee

4th:

*Geometry criteria for formation of cyclobutane pyrimidine dimers as determined by Molecular Dynamics Simulations*

Presenter: Javad Azadi

Advisor: Bern Kohler

4th:

*Elliptic Flow in Relativistic Heavy-Ion Collisions*

Presenter: Gregory Kestin

Advisor: Ulrich Heinz

See <http://denman.osu.edu/> for more information