



# Science & Engineering Library News

News for the  
Department of  
Mathematics

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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.

## Did You Know? The Digital Union

<http://www.digitalunion.osu.edu/>

The Digital Union is a place at Ohio State University for faculty, students, and staff to explore emerging technology. Located on the third floor of the Science and Engineering Library, the Digital Union has technology, space to work, and a knowledgeable staff to guide you.

The Digital Union offers such resources as a multimedia lab, multimedia instruction, videoconferencing, workshops, research opportunities, demonstrations, events, and more.

Check out the Digital Union web site for more information, including the Showcase section, which features information about recent projects and investigations, such as educational uses of games such as Second Life.

## Resources Spotlight

### ProQuest Dissertations and Theses

[http://library.ohio-state.edu/  
record=e1000144](http://library.ohio-state.edu/record=e1000144)

Search for dissertations from U.S. & select foreign institutions. All dissertations after 1997 have full-text PDF access.

### OhioLINK

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

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

## Featured Service: Interlibrary Services

[https://  
www.illiad.osu.edu/illiad/  
osu/logon.html](https://www.illiad.osu.edu/illiad/osu/logon.html)

Can't find a book at OSU or through OhioLINK? Need an article OSU doesn't have access to? You can request such items via the Interlibrary Services department. Create an account and request articles or books. Most articles can be delivered electronically within a few business days- and the service is free!

When you click on the OLinks or Find It! Button in a database and don't see an article available through OSU, there is an option to click "[Request this item via Interlibrary Loan](#)" available for items not available through OSU. When you log in, most of the form will fill out for you!

## 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