

Promoting Your Scholarship: Jumping into Virtual Commons and SelectedWorks

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CARS May Celebration 2012

What is an Institutional Repository?

- Digital collection that captures and preserves the intellectual output of university communities
- Serves as a tangible indicator of an institution's quality, by demonstrating the scientific, societal, and economic relevance of its research activities, thus increasing its visibility, prestige, and public value

What is an Institutional Repository?

- “...the IR is fundamentally about the services it offers rather than the content it houses or the technology upon which it rests. At the core of IR services are the twin goals of preserving the intellectual output of the institution and making it widely accessible to members of the general public.” – Rieh, et al. (2008)

Why Contribute?

- Disseminate your Scholarship
- Make your work more:
 - Findable
 - Retrievable
 - Prominent
- Increase:
 - Visibility as a scholar/researcher
 - Citations to your work
 - Reputation in your field

Benefits of Participating



<http://www.flickr.com/photos/15717926@No4/5902862350>

<http://vc.bridgew.edu>

Specific Benefits

- Exposure to Global Audience
- Persistent URLs
- Usage/Download Reports
- Google Analytics Reports
- Multiple formats / content platforms supported
- Home Page visibility: Paper of the Day & Top Downloads
- SelectedWorks pages
- Maxwell Library supplies service
- Free!

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Bepress – Digital Commons

- Founded in 1999 by UC-Berkeley professors
- Originally a peer-reviewed journal publishing platform
- Now multiple publishing services for academic institutions



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BSU's Virtual Commons

- Current Content Includes:
 - Peer-reviewed articles
 - Journals & Campus Publications
 - Books
 - Image Galleries
 - Multi-Media files
 - Reports
 - Presentations
 - Events/Conferences
 - Archival materials

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Virtual Commons

Bridgewater State University

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- [Colleges, Departments, and Administrative Units](#)
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Virtual Commons is Bridgewater State University's open-access repository for the scholarly works, research, publications, creative activity, and reports produced by the faculty, students, and staff of Bridgewater State University and its collaborative partners. Coordinated by the Maxwell Library, the Commons promotes the discovery, dissemination and preservation of this intellectual capital.

At a Glance

[Top 10 Downloads](#)
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20 most recent additions

Paper of the Day

[Final Report: Section 5.](#)
Recommendations
Horsley Witten Group, Inc.

1,575 papers to date 15,335 full-text downloads to date 15,335 downloads in the past year

<http://vc.bridgew.edu>

Selected Works

- Faculty Page that you control/customize
- Create archive of your work
- CV
- Bio
- Photo
- Contact information
- Areas of Expertise/Scholarship
- Affiliations
- Etc.

<http://works.bepress.com/>

Selected Works of Thomas Moore

Author Home

Browse Subjects

Browse Article Types



I am a Professor of Mathematics in the Department of Mathematics and Computer Science at Bridgewater State University.

My degrees were obtained at Stonehill College and at the University of Notre Dame, both schools run by the Congregation of the Holy Cross.

My research interests include two areas: mathematical interests and pedagogical interests. With respect to mathematical interests, I am interested in finite group theory and number theory, as well as their connections to Recreational Mathematics. I also have an interest in Cryptography/Cryptology.

With respect to pedagogical interests, I am interested in the use of technology at all levels of the mathematics curriculum. For example in an introductory Linear Algebra course I have used MINimal MATlab from Joel W. Robbin which accompanies his 1995 Matrix Algebra textbook. I have most recently taught this course aided by MAPLE software from Waterloo Maplesoft. I now use Maple 14 in various of my courses, especially Number Theory. A great resource for software related to K-12 and collegiate level mathematics is the Mathematics Archives WWW Server at the University of Tennessee, Knoxville.

I am also interested in using recreational mathematics in my mathematics teaching, whenever possible, especially in Abstract Algebra courses. There, for example, I illustrate coset partitions using circular residue designs on the subgroups of the integers mod m or on the group of units mod m . We analyze peg-jumping games with the aid of the Klein four-group and sliding marker games on star graphs with the aid of Lagrange's Theorem. In this same spirit I have recently created a course and a manuscript called Mathematical Games and Puzzles for K-12 Classrooms (MATC 560).

My graduate student, Neil Roza, is in the process of creating Java Applets for some of the games from my manuscript. At this time you can play Ducci's Game which is a subtraction game. It consists of rounds of subtraction (which the applet does for you) starting with a quadruplet of integers of your choice and with the goal being to arrive at four zeroes in the greatest number of steps. Go there at <http://webhost.bridgew.edu/moore/DuccisGame.jar> to play, answering "open" to the dialog box you will see displayed.

Also available is the Pile Splitting Game. A natural number N is used as input. Triple



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Bridgewater State University

- Professor of Mathematics & Computer Science Department
- Bartlett College of Science and Mathematics

Contact Information

Expertise

- Finite group theory
- Number theory
- Recreational Mathematics
- Cryptography/Cryptology

<http://works.bepress.com/>

Jump In!

- Send us your CV, and we will:
 - Check copyright status
 - Post content to Virtual Commons
 - Create your SelectedWorks page
 - Pass off SelectedWorks page to you for customization and publishing

Special content: Let's Discuss!

<http://vc.bridgew.edu>

References

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