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The Subject Librarian Newsletter, Mathematics, Spring 2017

2-14-2017

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Mathematics

University of Central Florida Libraries

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Happy New Year, Mathematics Faculty!

I hope that 2017 will bring many opportunities for collaboration with the UCF Libraries. I am Sandy Avila, the Interim Science Librarian and new Library Liaison to the Mathematics Department. I look forward to working with you and your Library Liaison, Dr. Zhisheng Shuai to order new books to support Mathematics Department teaching and research.

I also look forward to providing library research consultations and instruction classes to mathematics students.

Please feel free to contact me to let me know how I can be of service to you.

Here are quick links to some of UCF Libraries resources and services:

Browse Mathematics databases: http://guides.ucf.edu/az.php?q=mathematics

Schedule a research consultation: http://library.ucf.edu/help/schedule-an-appointment/

Schedule a library instruction class: http://library.ucf.edu/services/instruction/

Scholarly Communication Services: http://library.ucf.edu/about/departments/scholarly-communication/

Ask Us! (contact for online help with quick questions): http://library.ucf.edu/ask/

Borrowing/Interlibrary Loan: http://library.ucf.edu/services/borrowing-from-other-libraries/

Mathematics News...

Students who enjoy or take pride in math have better long-term math achievement

Date: February 8, 2017

Summary:
A study of 3,425 German students from grades 5 through 9 has found that students who enjoyed and took pride in math had even better achievement than students with higher intelligence.

For full article visit: https://www.sciencedaily.com/releases/2017/02/170208094447.htm

A Word from Scholarly Communication

Copyright in the Classroom

Copyright matters can be difficult to navigate when using resources in the classroom. While Fair Use (limited use of copyrighted material without acquiring permission from the rights holder(s) may be applied to the use of copyrighted materials in the classroom, there are many important legal considerations to take into account. The UCF Office of Scholarly Communication can assist faculty with information about such matters. In addition, UCF's Office of General Counsel is available for faculty who encounter questions within the course of their employment regarding copyright law, the university's guidelines with respect to fair use, university regulations and/or other official UCF documents.

The UCF Office of General Counsel has prepared a handy resource, "Top Ten Copyright and Fair Use Questions," which provides valuable information about copyright and fair use in the classroom.

Database Spotlight: MathSciNet Mathematical Reviews

http://www.ams.org/mathscinet/

MathSciNet® is an electronic publication offering access to a carefully maintained and easily searchable database of reviews, abstracts and bibliographic information for much of the mathematical sciences literature. Over 100,000 new items are added each year, most of them classified according to the Mathematics Subject Classification. Authors are uniquely identified (by their MR Author ID), enabling a search for publications by individual author rather than by name string. Continuing in the tradition of the paper publication, *Mathematical Reviews* (MR), which was first published in 1940, expert reviewers are selected by a staff of professional mathematicians to write reviews of the current published literature; over 80,000 reviews are added to the database each year. Extending the MR tradition, MathSciNet® contains almost 3 million items and over 1.7 million direct links to original articles. Bibliographic data from retrodigitized articles dates back to the early 1800s. Reference lists are collected and matched internally from approximately 550 journals, and citation data for journals, authors, articles and reviews is provided. This web of citations allows users to track the history and influence of research publications in the mathematical sciences.

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Math