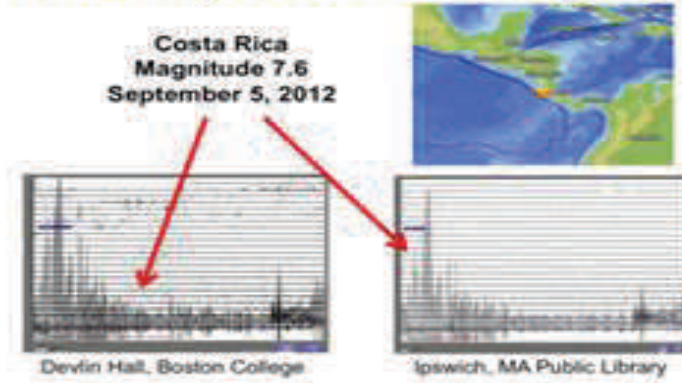


Ipswich Public Library: the newsletter

Boston College Educational Seismology Project



Exploring the Earth Using Seismology ...



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The Ipswich Public Library is proud to announce its partnership with the Boston College Educational Seismology Project (BC-ESP). Earth science classes, seismic experiments and free public lectures will be offered in the coming weeks. This new partnership initiative invites students of all ages into the world of science research. A seismologist from the Weston Observatory of Earth and Environmental Sciences, Boston College has begun to work with students and teachers at the library.

This is a community project, available to teachers, K-12 students, home-schooled groups, seniors and the general public at

large. This is an exciting, exceptional and educational opportunity for all. The Trustees, Director and staff of the Ipswich Library are all very excited by this initiative. Funding for this project was provided by the Trustees of the Ipswich Public Library, the Friends of the Ipswich Public Library and the Ipswich Rotary Club. The library is also partnering with the Ipswich Public Schools on this project.

The Boston College Educational Seismology Project originated as there is growing concern that the

quality of science education in the United States is not adequate to provide students with the level of scientific literacy they will need to be effective citizens in the 21st century.

Will children educated in the United States be adequately trained to deal with the scientifically and technologically complex world they are inheriting? Will current or future generations of the United States citizens be competitive with their peers in other countries? Will they have the necessary critical and analytical thinking

Exploring the earth. . . *cont'd.*

abilities and solid problem solving skills? The Boston College Educational Seismology Project (BC-ESP) was developed to address these concerns. This project encourages a culture of scientific inquiry in K-12 schools and libraries. The BC-ESP uses seismology as a medium for inviting students and library patrons into the world of science research by inquiry-based learning through investigation of earthquakes recorded by seismographs in K-12 classrooms and in community libraries. The experiences our students and library patrons have with investigating what is recorded on their seismograph are a valuable positive step in the direction of encouraging inquiry-based science education. Library Director Victor Dyer pointed out that the seismograph project fits well with the mission of the Ipswich Public Library to promote

learning and personal growth throughout life.

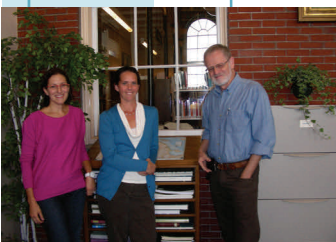
The BC-ESP is operated by Weston Observatory (a research laboratory of the Department of Earth and Environmental Sciences), in partnership with the Lynch School of Education. The goal of the project is to enhance science education by offering opportunities for students, their teachers, and library patrons to be directly involved with research scientists as part of their experience in their community. The project seeks to make a difference in the lives of individuals by providing them with the level of science education, critical and analytical thinking abilities, and solid problem solving skills that will empower them as citizens. Involvement in this project gives students of various ages and in various socio-economic circumstances an opportunity to learn about science as it is actually practiced, rather than only through textbooks.

The science of seismology forms an excellent foundation for this endeavor because: (1) it is an interdisciplinary science that requires understanding a wide range of scientific concepts, and (2) it teaches students how the natural environment impacts our everyday lives, thus, seismology offers numerous possibilities for introducing library patrons to the nature of scientific inquiry and enhancing their experience of science education.

The general public is invited to view the recently installed seismograph in the Gaunt Reference Room of the Ipswich Public Library at 25 North Main Street in Ipswich. Two lectures on seismology topics will be delivered by the staff of the Weston Observatory at the Ipswich Performing Arts Center. *See details next page.*



Ribbon Cutting Ceremony for the Ipswich Seismology Station



The Ceremony was held Sunday, 23 September 2012 at 2:00 PM

Guest speakers: Dr. Alan Kafka Director, Boston College Educational Seismology Project; Laurie Baise Associate Professor, Civil & Environmental Department, Tufts University. **Special Presentation:** Seismology Rocks Rap. ➡ On the photo from left to right: Stacy Moulis, Seismologist; Laurie Baise and Dr. Kafka.

Everyone had a great time and enjoyed the light refreshments that were served after the program. The event was sponsored by Board of Trustees & Friends of the Ipswich Public Library.



PUBLIC LECTURES ON SEISMOLOGY

The Ipswich Public Library will sponsor a series of free public lectures in conjunction with the Boston College Educational Seismology Project (BC-ESP). The lectures will take place at the Ipswich Performing Arts Center, Ipswich High School, 135 High Street in Ipswich, MA. Each lecture will begin at 7:00 PM. All are invited.

Dr. Alan Kafka, BC-ESP Project Director delivered the first lecture on September 19th. He offered an overview of the **Boston College Educational Seismology Project**. Dr. Kafka also explained how the Ipswich monitoring station will add to the scientific knowledge of earthquakes.

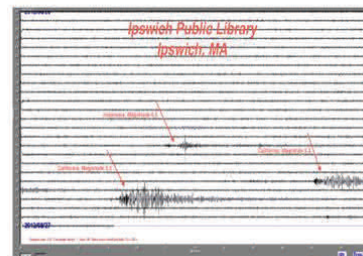
- **Wednesday, October 10, 2012** Dr. John Ebel, Director of the Weston Observatory, on the **New England Earthquakes: Past, Present, and Future**
- **Wednesday, November 7, 2012** Dr. Alan Kafka, BCESP Project Director, on **Mega Quakes!**

Magnitudes 5.5 and 5.3 - SOUTHERN CALIFORNIA, Magnitude 6.6 - MOLUCCA SEA - August 26, 2012
August 27, 2012 by S Mouta

BC-ESP seismographs recorded the magnitudes 5.5 and 5.3 SOUTHERN CALIFORNIA earthquakes and the magnitude 6.6 MOLUCCA SEA earthquake on August 26, 2012.

For more info on this earthquake, go to [US Geological Survey report](#).

The seismogram below was recorded at Ipswich Public Library, Ipswich, MA.



EVERGREEN Catalog Redesigned...

On Monday, October 1, patrons of the Ipswich Public Library will see an updated and improved version of the Evergreen catalog offering many new features that expand what can be done through the catalog while making it easier to use. Enhancements include:

Cleaner, easier-to-navigate interface; improved search speed; ability to view the holdings of the Ipswich Public Library or another library from the Brief Results screen through use of the "Show More Details" button; ability to configure which e-mail notifications you wish to receive; text messaging for holds notification; ability to send a call number to a mobile device via text message; ability to select a preferred "Pickup Location" for requested materials through your patron account; ability to retain your circulation and holds history in your patron account; enhanced Booklist functionality; ability for at-home users to stay logged into the catalog.

The catalog is available for use on the Ipswich Public Library website at www.ipswichlibrary.org

Online Resources Currently Available

Ipswich Public Library offers a wide array of publications, databases, and services online at our website – www.ipswichlibrary.org.

Two publications, **Morningstar Mutual Funds** guide and **Smart Money**, no longer offer a print edition, so they will be available to Ipswich patrons through our website only. In addition to our print version, the following publications are also available online: **Consumer Reports**, **Ipswich Chronicle**, **Boston Globe**, and **New York Times**. Patrons have access to two large general databases, **EBSCOhost** and **Gale**, each covering articles on a wide range of subjects, sometimes for specific age groups, and one (Gale's **In-forme**) for Spanish speakers. One of EBSCOhost's most popular databases is **Novelist Plus**, which offers patrons help in finding both fiction and nonfiction that will suit their taste. A version for younger patrons is also available – **Novelist K-8 Plus**.

Other specialized resources we provide to our patrons include **p4A Antiques Reference** database, **Transparent Language** (self-paced lessons for learning basic skills in 70 languages, plus 17 programs to help native speakers of other languages improve their English skills), and **Tutor.com** (online help for students in grades K-12 in math, science, social studies, and English, available daily from 2:00 to 10:00 p.m.).

To access any of these items, go to www.ipswichlibrary.org and click on "Databases" on the green bar. Select a database and then enter the 14-digit number on the back of your Ipswich Public Library card.

For more information, call Reference/Adult Services Librarian Paula Grillo at 978-356-6648.



ConsumerReports.org

MORNINGSTAR

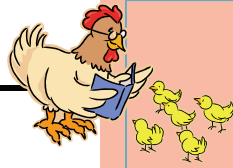


p4A Antiques Reference

tutor.com

We're on the Web!

www.ipswichlibrary.org



You may call
978.412.8713
for any
Children's Program
that require
registration.

Little Chicks is a new program for newborn to 2-year-olds with caregivers at the library. It will be held on Tuesday mornings at 10:00 o'clock. Inspired by and based on the *Mother Goose On the Loose* library program, *Little Chicks* will include music, rhymes, puppets and, of course, books for caregivers to enjoy with the library's littlest patrons.

Babes in arms and toddlers who are just moving forward are the perfect audience for this program. For caregivers of the very young it is a wonderful opportunity to meet with new people in this library community setting.

COME for STORY TIME

The Children's Room offers an opportunity for our very young patrons to hear stories from classic children's literature and also from the latest materials added to the book collection. They will have the opportunity to practice skills such as listening, following directions and taking turns. After the children share stories they sing songs, play games and create simple crafts. Here's our line-up of story times:



Mondays at 4:30 to 5:15, participants from ages 4 to Kindergarten attend this program independently.



Wednesdays at 10 a.m., participants ages 2 and 3 attend with a caregiver. The program lasts about 30 minutes. Participants are invited to stay and play/chat afterwards.



Wednesdays at 1 p.m., an experiment with a mixed age group— 2s attend with a caregiver; 3s and 4s may participate independently or with a caregiver. This is a great program for grandparents and their grandchildren to enjoy together. It will last 30 to 45 minutes.

The bonus to story time is that it allows both caregivers and children to meet new people. It also provides a wonderful opportunity for grandparents and grandchildren to spend time together.

EARTHQUAKES... SEISMOLOGY... WAVES...

Homeschool Science Collaborative

2:30 PM – 4:30 PM

Seismology program for Homeschool Science Collaborative.

More seismology programs are planned in the next few months. These programs will be conducted by Stacy Moulis, Seismologist, Weston Observatory. Registration required.

Sponsored by the Board of Trustees, Friends of the Library, & Ipswich Rotary Club.

BOOK CLUBS

- **Book Buddies**
- **Radical Readers**

Both book clubs have varied sessions and require registration. Please Call 978.412.8713 for details.