

LOWCOUNTRY HALL OF SCIENCE + MATH GOALS AND OBJECTIVES:

Communicate the importance and relevance of science and math in today's world

- Increase communication between scientists, mathematicians, technology professionals and pre-service science and math educators
- Involve scientists, mathematicians and technology professionals with community educators

Build Collaboration between the science, math and education communities

- Motivate students at all levels, backgrounds and abilities to engage in science, math and technology activities
- Engage families in relevant science, math and technology activities
- Work with educators to develop and disseminate effective and accessible materials and resources in science, math and technology

Coordinate science and math outreach efforts

- Leverage community programs to improve science, math and technology literacy and achievement in South Carolina

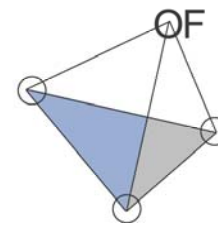
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OF UPCOMING EVENTS AND
OPPORTUNITIES! EMAIL
jordans@cofc.edu TO JOIN.

LOWCOUNTRY HALL OF SCIENCE AND MATH

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LOWCOUNTRY HALL OF SCIENCE & MATH



A collaborative effort between the
College of Charleston's
School of Sciences and Mathematics and
School of Education, Health, and Human
Performance

COMMUNICATE
COLLABORATE
COORDINATE

ABOUT THE LHSM

The Lowcountry Hall of Science and Math (LHSM) is a collaborative effort between the College of Charleston's (CofC) School of Sciences and Mathematics and School of Education, Health, and Human Performance. The mission of the LHSM is to provide a mechanism for communication, collaboration, and coordination between the College of Charleston and the science, technology, mathematics and education communities in the Lowcountry of South Carolina. The LHSM is located at the CofC and shares space with the Charleston Site of the Lowcountry Math and Science Unit (MSU).

AUDIENCE WE SERVE

LHSM staff and programs primarily serve the K-12 formal, informal and home school communities in the Lowcountry. Our location at the CofC allows us to reach pre-service educators as well. The LHSM provides access to science & mathematics curricula and resources, professional development opportunities, speakers and more.

RESOURCE LIBRARY

The LHSM and MSU share a Resource Library that houses standards-based science and mathematics instructional materials including educator toolkits, manipulatives, professional journals, maps, microscopes, audio/visual equipment, videos, and slide sets. Many of

these items are available for loan. For office hours, please call 843.953.5812.



Resource Library

EDUCATOR TOOLKITS

Through a grant from NASA, the LHSM created educator toolkits to aid in teaching space science concepts. The NASA toolkits address the following topics: infrared light and astronomy, lunar science, observing the sun, radio astronomy, and comets. The LHSM also offers additional toolkits on other subjects, such as connecting physical science and children's literature.



Exploring sonification of visible and infrared light at the Active Astronomy Toolkit Training

TRAINING FOR EDUCATORS

Throughout the academic year, the LHSM offers a variety of workshops for educators. This year's offerings will include, but not limited to, training on the use of StarLab (portable planetarium) and the NASA toolkits created by the LHSM. To learn more about

LHSM events, please contact Starr Jordan at 843.953.7847 or jordans@cofc.edu.

The LHSM received a grant from the Institute of Global Environmental Strategies to offer online Earth System Science Courses. Through the grant, participants will receive content training as well as course materials. For more information, contact Cynthia Hall at hallcr@cofc.edu.

COMMUNITY OUTREACH

The LHSM hosts a National Chemistry Week (NCW) event each October. NCW is designed for families to experience science together in a hands-on, informal setting.



Lowcountry students having fun with National Chemistry Week!

The Lowcountry Regional Science and Engineering Fair (LSF), which is open to students in grades 5-12 in Berkeley, Charleston, Colleton, Dorchester, and Georgetown counties, is coordinated by the LHSM. The LSF is affiliated with the Intel International Science and Engineering Fair and the Discovery Channel Young Scientist Challenge.

For more information about LHSM events, please contact Starr Jordan at 843.953.7847 or jordans@cofc.edu or visit our website: www.cofc.edu/lowcountryhall.