



MathScience Innovation Center
Imagine. Create. Lead.

2401 Hartman Street, Richmond, VA 23223
A Consortium of 8 Public School Divisions
Contact: Robin Newton
804-343-6525 x 227
newton@msinnovation.info

March 3, 2010

143 Middle School Students Attend Inaugural *Let's Innovate Conference* for 6-8 Graders

On Saturday, February 27, the MathScience Innovation Center held its second Student Conference for middle school students; 127 6th, 7th and 8th graders attended the inaugural conference held in December 2009. We are very excited to see a 12 ½ % increased participation!

The keynote speaker was Dr. Bruce K. Rubin, Professor of Biomedical Engineering and the Jessie Ball DuPont Professor and Chair of the Department of Pediatrics at Virginia Commonwealth University School of Medicine. Dr. Rubin talked about how in his job he leads a team of medical professional and researchers. He discussed improved outcomes and medical breakthroughs in childhood diseases like cystic fibrosis and childhood cancers. And he talked about the medical innovations being developed and tested here in Richmond at VCU-MCV.

Students then moved through 3 of 9 session of their choice. The 9 session topics and their speakers included:

- *Designing Accessibility for the Blind*
 - Dr. Dianne Pawluk, Assistant Professor, Department of Biomedical Engineering, Virginia Commonwealth University
- *Forensic Pathology*
 - Dr. Kevin Whaley, Virginia Department of Health, Office of the Chief Medical Examiner
 - Keshia Strouse, Forensic Autopsy Technician
- *Fractal Frenzy*
 - Andrew Derer, Faculty, MathScience Innovation Center
- *Green! Design It Faster, Farther, Cheaper*
 - Charlene Saunders, Faculty, MathScience Innovation Center
- *Innovations in Architecture and the Environment*
 - Roberto Ventura, LEED AP
- *MojoWorld- Building Virtual Worlds*
 - MaryKate du Laney, Faculty, MathScience Innovation Center
- *Nano and the Environment*
 - Lorin Wharton, Faculty, MathScience Innovation Center
- *Strength in Structure*
 - Brian Domroes, Faculty, MathScience Innovation Center
- *Where in Virginia Am I?*
 - Joyce Watson, Faculty, MathScience Innovation Center

The 143 students came from 7 school divisions: 62 from Chesterfield; 2 from Colonial Heights; 23 from Hanover; 23 from Henrico; 22 from Petersburg; 2 from Powhatan; and 10 from Richmond.

The 61 Chesterfield students included 5 from Bailey Bridge MS (Evan Domroes, Madison Hodge, Alisia Jones, Michelle Kao and Gabrielle Allen); 2 from Carver MS (Matthew Swanson and Karolina Blaziak); 1 from Chester MS (Kaitlyn Eggleston); 3 from Elizabeth Davis MS (John Kanu, Billy Koob and Sri Bankuru); 4 from Falling Creek MS (DeMarco Edmonds, Sierra Johnson, Tianna Mosby and Brianna Washington); 11 from Manchester MS (Ben Millefolie, Brian Davies, Bryce Badura, William Hou, Jordan Wallace, Derrick Wang, Mansoor Syed, Benjamin Taminger, Chandler Threat, Willi Wolz and Stephen Manden); 9 from Matoaca MS (Justin Goode, Ellie Holder, Priya Kundur, Dilwyn Piner, Noah Walker, James Sedgewick-Hartman, Jacob Getzler, Corey Smith and Theodore Tymowski); 6 from Midlothian MS (Carl Courter, Jackson Gillie, Tristan Howard, Gabrielle LaChance, Anthony Lafata and Kendall Lewis); 6 from Providence MS (Olivia Searce, Samuel Burton, Danielle Robertson, Jeremy Robertson, Josephine Dennis and Julian Wolz); 5 from Robious MS (Luther Forbes, Jason Billings, Jordan Moghanaki, Aziz Nasirov and Wesley Turner); 2 from Salem Church MS (Joseph Cobbs and Lauryn Evans); 2 from Swift Creek MS (Amy Cheng and David Poindexter); and 5 from Tomahawk Creek MS (Ali Muhammed, Karim Muhammed, Campbell Raley, Evan Chong and Quentin Simoneaux).

The 2 two students from Colonial Heights were Nojan Sheybani and Adeola Adesuyi from Colonial Heights MS.

The 27 Hanover students included 11 from Chickahominy MS (Christian Denmark, Paul Kadas, Daniel Denmark, Charles Welles, Michael Coulter, Riley Finley-Parker, Mathew Kukupka, Matthew Mahoney, Savannah Wilson, Channing Brooks and Ethan Cruikshank); 3 from Liberty MS (Lauren Jones, Emily Kurtzweil, Carlee Porch); 1 from Oak Knoll MS (Georgia Geen); 8 from Stonewall Jackson MS (Jordan Flammia, Joseph Pride, Andy Jackson, Connor Nobles, Seth Peacock, Eleanor Worthington, Ryan Lucia and Will Rice).

The 23 Henrico students included 2 from Byrd MS (Alanna North and Keith Rosenborough); 1 from Elko MS (Trevor Armstrong); 2 from Fairfield MS (Sheaniqua Jones and Kamille Roots); 2 from Hungary Creek MS (Brady Clem and R. Howell Hofrichter); 8 from Moody MS (Lakshmi Bodapati, Anthony Lin, Caroline O'Brien, Uday Patil, Zachary Savage, Bhargav Sathish, Josh Westhoven and Amy Chen); 2 from Pocahontas MS (Spencer Stewart and Daniel Lee); 3 from Short Pump MS (Paras Jain, Esther Kang and Grace Kim); and 3 from Wilder MS (James Bellows, Brianna Hayes and Kyle Watson).

The 22 Petersburg students included 18 from Peabody MS (Branden Berkey, Victoria Brown, Jordan Evans, Jasmine Fobbs, Lauryn Hayes, Kiara Price, David Robinson, Zaria Talley, Jamaica Thomas, Ishari Walton, Jameesa Coleman, Atiya Fobbs, La-Kiesha Hobbs, Breyanna Kelly, Kandace Kimber, Breanna Vinson, Kenneth Adcock and Eric Mitchell); and 4 from Vernon Johns MS (Jordan Costley, Courtney Farrar, Mia Terreforte and Malik Tyler).

The 2 students from Powhatan were Patrick Poe and Kiana Rhoden from Pocahontas MS.

The 10 students from Richmond included 2 from Binford MS (Krishonda Jackson and Kayla Watson); 3 from Henderson MS (Joi Best, Denashya Miller and Kevon Young); 4 from Lucille Brown MS (William Hewlett, Maxwell Byles, Finn Fisk and Robert Hicks); and 1 from Thompson MS (Jaden Robertson).



The MathScience Innovation Center is proud to be the leader of K-12 math and science education for the eight Central Virginia school divisions within our forty-three year old Consortium (Chesterfield, Colonial Heights, Hanover, Henrico, King William, Petersburg, Powhatan and Richmond Public Schools) and the capacity building workforce program for K-12 educators and students that provides expanded opportunities to learn about emerging fields (fractal geometry, engineering, nanotechnology, environmental modeling) and effective ways to integrate within the curriculum.