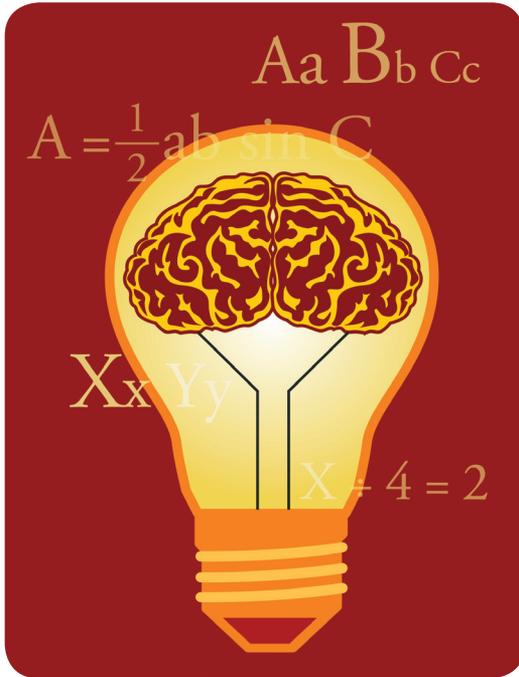


LEADING MINDS

Challenging Conversations in Public Education



K-12 Math Education Forum

Thursday, April 24, 2008 5:00 pm – 7:30 pm
Port Discovery Children's Museum

An initiative of the:



www.baltimoreecp.org



BALTIMORE CURRICULUM PROJECT

The Baltimore Curriculum Project (BCP) is a nonprofit organization that operates five public charter schools in Baltimore City.

BCP converts underperforming, high-poverty schools into high-performing charter schools by implementing research-based instructional methods and providing customized professional development, performance monitoring, and other key program supports.

BCP is supported by a wide variety of public foundations and private contributors. To learn how to make a donation visit: www.baltimorecp.org.

BCP Schools include:

City Springs School

Collington Square School

Dr. Rayner Browne Academy

Hampstead Hill Academy

Wolfe Street Academy

Learn More About K-12 Math Education

To learn more about K-12 Mathematics Education in the U.S. and for a list of suggested readings visit:

www.baltimorecp.org/leadingminds.

K-12 Math Education Forum

K-12 Mathematics Education in the U.S. fails to prepare our children for college and the global economy. U.S. students are falling behind as curriculum standards emphasize a wide array of math topics instead of focusing on the basics. Countries such as Singapore, Japan and Korea consistently outperform the U.S. on international math assessments. Unless changes are made soon, this failure in U.S. math education will have dire consequences for our country's work force and its ability to compete in the global economy.

5:30 pm

I. INTRODUCTION

Alfred Berkeley

Chairman, Pipeline Trading Systems

II. K-12 Math & the Business Sector

Craig R. Barrett

Chairman, Intel Corporation

Michael J. Wallace

Vice Chairman, Constellation Energy

III. Why U.S. students are falling behind in the international landscape?

William H. Schmidt, Ph.D.

University Distinguished Professor, Michigan State University

IV. What are the best international math standards?

R. James Milgram, Ph.D.

Professor of Mathematics, Stanford University

V. Math education in Maryland

W. Stephen Wilson, Ph.D.

Professor of Mathematics, The Johns Hopkins University

6:45 pm

VI. Questions and discussion

VII. Refreshments

Business Speakers

Dr. Craig R. Barrett became Chairman of the Board of Intel Corporation on May 18, 2005. He became Intel's fourth President in May of 1997 and Chief Executive Officer in 1998. He was elected to Intel's Board of Directors in 1992 and served as Chief Operating Officer from 1993 to 1997. Barrett began his tenure at Intel as a Technology Development manager in 1974. Prior to joining Intel, Dr. Barrett was an Associate Professor at Stanford University in the Department of Materials Science and Engineering.

Alfred R. Berkeley III is Chairman of Pipeline Trading Systems, LLC. Mr. Berkeley has over 30 years of experience in the financial industry. Prior to joining Pipeline, from June 1996 until August 2003, Mr. Berkeley served as President and then Vice-Chairman of The Nasdaq Stock Market, Inc. Before Nasdaq, he was a Managing Director of Alex. Brown & Sons, a leading investment bank. He co-founded Alex. Brown's Technology Group in 1975.

Michael J. Wallace is Vice Chairman of Constellation Energy. He focuses on leading and expanding the development and deployment of the company's advancing new nuclear strategy. Mr. Wallace also serves as chairman of UNE, a strategic joint venture between Constellation Energy and the EDF Group in France to develop new nuclear plants in North America. He has served as executive vice president of Constellation Energy and president and chief executive officer of CENG.

Panelists

Dr. R. James Milgram is a professor of mathematics at Stanford University. He served on the board of directors for the National Board for Education Sciences and serves on the NASA Advisory Council. He is a member of the Achieve Mathematics Advisory Panel and is currently one of the directors of the new National Comprehensive Center for Instruction.

Dr. Milgram is one of the four main authors of the California Mathematics Standards, as well as one of the two main authors of the California Mathematics Framework. He has published over 100 research papers in mathematics and four books. He currently works on questions in robotics and protein folding.

Dr. William H. Schmidt is a University Distinguished Professor at Michigan State University and is currently co-director of the Education Policy Center, co-director of the US China Center for Research and co-director of the NSF PROM/SE project. Previously he served as National Research Coordinator and Executive Director of the US National Center which oversaw participation of the United States in the IEA sponsored Third International Mathematics and Science Study (TIMSS).

His current writing and research concerns issues of academic content in K-12 schooling, assessment theory and the effects of curriculum on academic achievement. He is also concerned with educational policy related to mathematics, science and testing in general.

Dr. W. Stephen Wilson was both an undergraduate and a graduate student at M.I.T. receiving his Ph.D. in 1972. After teaching at Princeton University for 5 years he came to Johns Hopkins University where he is Professor of Mathematics.

He has been Chair of the Department of Mathematics. He was one of the authors of the Fordham Foundation's The State of the State Math Standards, 2005. He also worked for eight months of 2006 as the Senior Advisor for Mathematics, Office of Elementary and Secondary Education, United States Department of Education. He has over 60 research papers in mathematics, specializing in algebraic topology.

LEADING MINDS

Challenging Conversations in Public Education

The Baltimore Curriculum Project's Leading Minds series invites national education leaders to engage local stakeholders in a discussion of controversial topics that have direct relevance to improving K-12 education.

These national experts will bring innovative ideas and shed light on issues that have received inadequate attention to date.

Through this initiative we will spark a more expansive policy dialogue among business, education, government, and nonprofit leaders— influencing policy to improve educational opportunities and outcomes for all students.

Leading Minds will broaden the education community's knowledge of current policy issues and strengthen its commitment to making our schools more effective.

Look for more Leading Minds forums on a variety of topics beginning in Fall 2008:

- ***What are the unintended consequences of standardized testing?***
- ***How do early struggles with vocabulary development hamper disadvantaged children?***
- ***What is a highly-qualified teacher?***

Sponsors

Pipeline Trading Systems LLC, based in New York City, operates the Pipeline Alternative Trading System (ATS) that enables institutions and brokerage firms to quickly and efficiently trade blocks of NYSE - listed companies, Nasdaq stocks, ADRs, and Exchange Traded Funds (ETFs). Pipeline empowers firms to execute block trades in single executions. Pipeline maintains a hidden book of large, executable limit orders with strict price time priority. Pipeline facilitates interaction between traders, enabling all real buyers and sellers to find each other anonymously and get trades done while minimizing gaming.

Port Discovery Children's Museum, one of the leading non-traditional educational resources of the Mid-Atlantic region, offers three floors of interactive exhibitions, programs and special events for children ages 2–10. Port Discovery provides high quality “minds on – hands on” exhibitions, programs and other creative learning opportunities for children. These opportunities are founded in educational principles and have been aligned with the Maryland Model for School Readiness and the Voluntary State Curriculum.

Struever Bros. Eccles & Rouse (SBER) is a uniquely diversified, full service real estate development and construction company specializing in the adaptive reuse of historic urban properties and new green development. SBER demonstrates an ongoing commitment to supporting public education through in-kind donations of materials, equipment, technical expertise, volunteer hours, and cash contributions.

Urbanite is a free, full-color monthly magazine that engages and inspires Baltimore's citizens through a rich blend of thoughtful, clever writing, and captivating art and design. Urbanite offers its 120,000 readers a new way of looking at a topic or issue and the high quality content gives relevance to important national topics by examining them in local context. www.urbanitebaltimore.com

Seawall Development Company is a real estate development and consulting company serving the Baltimore Metropolitan Area. Founded in 2006 by Donald and Thibault Manekin, the company provides a full range of commercial and residential real estate services; acquisition, financing, construction, marketing and management. The company brings thirty years of real estate development and management experience to its clients based on the philosophy that real estate is a long-term investment.

Sponsors:





BALTIMORE
CURRICULUM PROJECT

2707 E. Fayette Street
Baltimore, MD 21224
410-675-7000
www.baltimorecp.org
bcinfo@baltimorecp.org