

4TH ANNUAL MEETING & SYMPOSIUM

SEPTEMBER 22, 2011 | MUSEUM OF FLIGHT, SEATTLE, WA

PROGRAM AGENDA

10:30 – 11:30 **Business Meeting** – Members only

11:30 – 12:00 **View International Science and Engineering Fair student displays**

12:00 – 1:15 **Lunch**

Student & Teacher Introductions: Subhash Singhal, Pacific Northwest National Laboratory and WSAS Board Member

1:30 – 6:00 **Symposium** – Rising Above the Gathering Storm: STEM Education in Washington

1:30 – 3:30 **Session I – The Gathering Storm**

Session Chair: Earll M. Murman, Massachusetts Institute of Technology, Emeritus, and WSAS President Elect and 2011 Program Chair

Greeting and Charge to the Symposium

Governor Christine Gregoire (via video)

Five Years of Rising Above the Gathering Storm

C.D. (Dan) Mote Jr., Member, National Academy of Sciences “Rising Above the Gathering Storm” Committee

STEM Education in Washington: The Facts of the Matter

Prof Edward D. Lazowska, University of Washington and WSAS Secretary

The Legislative Perspective

Senator Rosemary McAuliffe, Chair of Washington State Senate Committee on Early Learning & K-12 Education

Speaker Panel with Audience Q&A

3:30 – 4:00 **Break**

4:00 – 6:00 **Session II – Improving Mathematics and Science Learning**

Session Chair: Guy H. Palmer, Washington State University, WSAS Board Member and Membership Chair

How the Storm Begins: Cultural Stereotypes, Identity Formation, and Principles of Child Development

Prof Andrew Meltzoff, University of Washington

Teaching for Understanding in K-12 Science & Mathematics

Associate Prof Tamara Holmlund Nelson, Washington State University, Vancouver

Preparing Teachers for Tomorrow’s Schools

Professor George D. “Pinky” Nelson, Western Washington University

Speaker Panel with Audience Q&A

6:00 – 6:45 **Reception**

6:45 – 9:00 **Dinner**

Education for the Next Generation: Meeting the Challenge

After Dinner Speaker: Brad Smith, Microsoft Corporation, and Chair of Washington Higher Education Funding Task Force

Moderator: R. James Cook, Washington State University, Emeritus, and WSAS President