

# 4<sup>TH</sup> 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