Montana Math and Science Teacher Initiative
Statewide Transformation in STEM Education
Monday, 2 August 2010
Carroll College ~ Helena, MT

AGENDA

Monday, 2 August 2010

10:00 A.M. Welcome: Dean Paula McNutt, Carroll College
Opening Remarks: The Honorable Governor Brian Schweitzer
Overview and Introductions: President George M. Dennison, The University of Montana and President Waded Cruzado, Montana State University

10: 30 A.M. Special Guest Speaker – The Importance of STEM Education and MMSTI: Howard Gobstein, Co-Director, Executive Officer and Vice President of Research, Innovation and STEM Education, The Science and Mathematics Teacher Imperative sponsored by The Association of Public and Land-grant Universities

11:00 A.M. Montana Math and Science Teacher Initiative (MMSTI) Updates:
• MMSTI Road Map: Provost Royce Engstrom, The University of Montana
• State-Wide Systematic Data Collection - Annual Production by Major: Tricia Parrish, The University of Montana
  ▪ Teacher Education Graduates
  ▪ Future Forecast – Impact of Teacher Retirement
• Elementary Math Coaching: David Yopp, Montana State University
• Enhancing Broadfield Majors and Minors: Elisabeth Swanson, Montana State University
• Missoula County-Wide Professional Development Academies – 2010 STEM Summer Experience: Tricia Parrish
• Race to the Top: Dennis Parman, Office of Public Instruction
• Updates on the Montana Digital Academy: Robert Currie, The University of Montana

12:30 P.M. LUNCH

1:15 P.M. 2010 Science Mathematics and Teacher Imperative Conference – Cincinnati, Ohio: Howard Gobstein
Montana Math and Science Teacher Initiative
Statewide Transformation in STEM Education

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1:45 P.M. Scaling up MMSTI for Statewide Impact

Plenary Session
Creating a Communications Plan: University Executive Vice President, Jim Foley – The University of Montana

Concurrent Breakout Sessions:
I. Designing and Implementing a Statewide Comprehensive Assessment System: Representative from OPI & Representative from Montana Council of Deans of Education
Objectives:
- Develop strategies to increase the ability of Montana to deliver a comprehensive assessment system consisting of (a) formative, (b) interim, and (c) summative assessments;
- Identify components needed to create a framework for teacher evaluation at the state level: Teacher accountability and System accountability;
- Discuss and identify obstacles in implementing statewide comprehensive assessment system;
- Suggest next steps/strategies for subcommittee work.

II. Teacher Preparation and Professional Development – Creating Seamless Systems to Prepare and Support Highly Effective Teachers: Representative from OPI & Representative from Montana Council of Deans of Education
Objectives:
- Develop strategies to create a common definition of “Highly Effective Teachers”;
- Identify components of teacher preparation and professional development that will strengthen student content: Curricular and pedagogical approaches, integration of technology into classroom instruction, equity and excellence;
- Discuss and identify obstacles in preparing teachers to work in large urban settings and small rural settings;
- Suggest next steps/strategies for subcommittee work.
Montana Math and Science Teacher Initiative
Statewide Transformation in STEM Education
Continued...

Concurrent Breakout Sessions:
III. Building New Partnerships to Sustain School Improvement: Jim Foley  
Objectives:
- Develop strategies to recruit partners;
- Identify components critical to developing a well-defined and well-managed school-based partnership;
- Strategies to recruit partners;
- Discuss how new partnerships will enhance student learning and how progress will be measured;
- Suggest next steps/strategies for subcommittee work.

3:00 P.M. Report on Breakout Sessions: Waded Cruzado/GMD (?)

3:45 P.M. The Future of MMSTI: George M. Dennison  
• Budget Projections  
• Next Steps  
• Evaluations/Survey (?)

4:00 P.M. Adjourn

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