

# Colorado Math Pathways Convening on Quantitative Reasoning/Liberal Arts Math

October 20, 2017 9:00 am – 3:30 PM

Lowry Conference Center, 1061 Akron Way, Building 697, Denver, CO 80230

\*Free parking is available in the lot.

\*Webinar and phone conference are not available for this event.

**Wifi domain:** CCCSPublic

**Password:** no password is required

## AGENDA

### Objectives:

- Model best practices for student learning in QR courses using three main themes: 1) developing statistical reasoning, 2) financial literacy, and 3) mathematical modeling.
- Revisit the Task Force recommendations and 2- to 4-year alignment of curricula (Math for the Liberal Arts/QR, Stats, and Modeling).
- Highlight the curriculum development work done at the community colleges.
- Share work being done at scale on Math Pathways.

Time	Content	Location
8:30 – 9:00am	Registration, coffee and light breakfast	100 A-C
9:00 – 9:10 am	Kick off the day– Dean Allison, Chair (UNC) & Ian Macgillivray (CDHE) <ul style="list-style-type: none"><li>• Greetings &amp; Introductions</li></ul>	100 A-C
9:10 - 9:30am	Work at Scale – Bruce Vandal, Senior Vice President, Complete College America <ul style="list-style-type: none"><li>• Game changers and connections to Math Pathways</li><li>• Q&amp;A</li></ul>	100 A-C
9:30 - 9:50am	Information Items – Dean Allison & Shelly Ray Parsons (Aims) <ul style="list-style-type: none"><li>• Colorado Math Pathways</li><li>• Curriculum development work done at community colleges<ul style="list-style-type: none"><li>○ Math for Liberal Arts learning outcomes and content updates</li></ul></li></ul>	100 A-C
9:50 - 10:10am	Break and coffee refill <ul style="list-style-type: none"><li>• Find your first workshop. You will be assigned a color and rotate through all three by the end of the day.</li></ul>	100 A-C
10:10am - 11:00am	Workshop Rotation 1 <ul style="list-style-type: none"><li>• Developing statistical reasoning – Rakissa Manzanares (UCD) &amp; Gary Olson (UCD)</li><li>• Financial math – Shelly Ray Parsons (Aims CC)</li></ul>	104 & 105

11:10am – 12:00pm	Workshop Rotation 2 <ul style="list-style-type: none"> <li>• Developing statistical reasoning – Rakissa Manzanares (UCD) &amp; Gary Olson (UCD)</li> <li>• Financial math – Shelly Ray Parsons (Aims CC)</li> </ul>	104 & 105
12:00 – 1:00pm	Lunch and networking	100 A-C
1:00 - 1:50pm	Keynote – <i>Many Thousands Failed: A Wakeup Call to Math Educators</i> <ul style="list-style-type: none"> <li>• <a href="#">Dr. Andrew (Drew) K. Koch</a>, President and Chief Operating Officer, <a href="#">John N. Gardner Institute for Excellence in Undergraduate Education</a></li> <li>• Q&amp;A</li> </ul>	100 A-C
2:00 – 2:50pm	Workshop Rotation 3 <ul style="list-style-type: none"> <li>• Algebraic Reasoning and Problem Solving</li> </ul>	100 A-C
3:00 – 3:30pm	Wrap-up and Next Steps <ul style="list-style-type: none"> <li>• Questions</li> <li>• Feedback and thoughts</li> <li>• Taking what you learned and integrating into your courses</li> </ul>	100 A-C

Resources:

- [Colorado Math Pathways Task Force Final Report & Recommendations](#)
  - [Information on the Colorado Math Pathways Task Force](#)
- [Dana Center Mathematics Pathways](#)
- [Complete College America Game Changers](#)