

- b. Review agenda
- c. Public comment on topics not on the agenda

2. Consent Calendar (*Nancy Patton*) (7:48 - 7:50)

- a. Approval of April 10, 2013 Minutes *Vote*

Jim made a motion to approve the minutes as written, Kelly seconded and by unanimous vote the minutes were approved.

3. Overview of the data (*Jacob Castillo*) (7:50 - 7:55)

In the Northern Colorado's Evolving Landscape Industries and Occupations Transforming Our Economy report prepared by Gary Horvath for the Summit our regions competitiveness was explored. The report identified strengths and growth opportunities in STEM fields. One of the challenges identified was the availability of a workforce that's prepared for our STEM occupations. Additionally, many of the STEM fields also tie to middle skill occupations, for example advanced manufacturing. Gary's report was used along with other data to help identify our areas of focus.

4. Recap of Workforce 2020 Meetings (*Jacob Castillo*) (7:55 - 8:00)

Jacob reviewed the Workforce 2020 concept and the progress made since the April 10, 2013 WIB meeting. The WIB had a committee meeting on May 8, 2013 where links were identified with current state of Colorado projects and the group discussed the problem we are trying to solve with Workforce 2020 and began the discussion on metrics. During the May 29, 2013 meeting the WIB reviewed and approved the annual plan.

Jerry has volunteered to lead the Workforce 2020 team and is recruiting additional members. If you are interested in being on the team please contact Jerry or Jacob.

5. Timeline and Topic Outcomes- what are we trying to accomplish? (*Jerry Thurber*) (8:00 - 8:10)

Jerry discussed the Workforce 2020 project timeline and reminded everyone that the WIB is an ideal facilitator of an active, engaged employer community. Many of the pieces for Workforce 2020 already exist; the WIB can be a connecting point. Today's discussion is part of developing Workforce 2020 by exploring topics related to the three areas of focus. STEM skills are the cornerstone to many jobs of today and in the future. The WIB will have an opportunity to introduce the Workforce 2020 concept at the upcoming Healthcare summit hosted by the Fort Collins Chamber of Commerce and we can have a deeper discussion at the Workforce Symposium in September.

Jacob noted the Denver Post recently ran an article on STEM indicating that Boulder and Fort Collins are in the top 10 areas studied for their concentration of STEM jobs. The article can be found at <http://www.denverpost.com/business/STEM>.

6. STEM Panel Discussion (*Jacob Castillo*) (8:10 - 8:50)

- a. BJ Lopez, Woodward Governor
- b. Scott Nielsen, Poudre School District

- c. Dr. Sue James, Elizabeth Weiland & Gen Ponce-Pore, Maker Faire
- d. Michael K. Handley, CHD Bioscience

BJ Lopez, Turbine Systems Applications Engineer with Woodward, shared some information about his background, Woodward's values and their approach to STEM. Woodward believes STEM is a way of teaching a set of skills to enable people of all ages to be a successful, valuable and effective working professional.

Scott Nielsen, Principal of Preston Middle School, discussed some of the STEM programs Preston has in place for students. A major accomplishment of theirs is the high percentage of students who complete Algebra I by the 8th grade. Preston encourages students to work on making the world a better place today.

Gen Ponce-Pore, Assistant Director of the Community and Economic Development Department with CSU, shared information on how learning is changing. Specifically, how people trained in STEM and 'Makers' will drive economic development. Gen encourages everyone to attend the Maker Faire planned for October 5, 2013 in Loveland, Colorado.

Dr. Sue James, Head of Mechanical Engineering at CSU, discussed how CSU is working to enhance economic development through innovation and education. CSU has made 3D printers accessible to the community; empowering users to move faster on their ideas, speed design cycles and build prototypes and products faster.

Michael Handley, CEO of CHD Bioscience, shared how an antimicrobial product his company is developing could potentially save millions of lives. Michael encouraged the panel to remember that while STEM is great, innovation is a different and just as important skill set. To grow the bioscience industry in our region we need to connect northern Colorado bioscience companies to the global network and create a critical mass of bioscience companies and a prepared workforce.

Jerry noted a common theme - we need STEM heroes and that passionate people can make a difference.

- 7. Q&A with Facilitated Discussion (*Jerry Thurber*) (8:50- 9:15)
WIB members asked a variety of questions including how progress on STEM is disseminated to the community. The response was that progress is shared in the community but one roadblock identified was the tendency for the region to operate in silos. The importance of our community working together was discussed.
- 8. Next Steps (*Jerry Thurber*) (9:15 - 9:25)
Jerry thanked the panelists for attending and wrapped up by reminding everyone that in some way every constituent needed to build this dynamic community for STEM is in this

room or connected to someone in the room.

The Workforce 2020 group will meet and review the notes from today and create action items. At the next full WIB meeting we will either continue discussing STEM or look at middle skills. Jerry invited everyone to attend the July 10, 2013 committee meeting.

9. Other (9:25 - 9:30)
10. Adjourn
Meeting adjourned at 9:30.