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**COLORADO HIGHER EDUCATION COMPETITIVE RESEARCH AUTHORITY**

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University of Colorado:Colorado State University:University of Northern Colorado:Colorado Schools of Mines:State of Colorado

**Ad Hoc Meeting of the Board of Directors  
December 14, 2021  
9:30am – 10:00am  
Virtual Meeting**

**- Minutes -**

Attending: Board members Walter Copan (Mines), Teri Fiez (CU), Jeri-Anne Lyons (UNC), Angie Paccione, Chair (CDHE), Alan Rudolph, Vice Chair (CSU); Ben Boggs (CDHE); Trisha Esquibel (CDHE), Michael Kaufman (Mines), and Chris Rasmussen (CDHE).

Angie Paccione called the meeting to order at 9:32 a.m.

Walter Copan from the Colorado School of Mines described two new research opportunities supported by the United States Department of Energy, National Alliance for Water Innovation, which had been shared with board members in advance of the meeting. These were:

- NAWI Project 5.8 - Advanced Process Controls – Autonomous Control and Optimization (\$162,247)
- NAWI Project 6.1 - Porous Polymer Networks and Membranes for PFAS and Selenium Removal from Water (\$90,562)

The dollar amounts represent two-thirds of the total cost share required of the receiving institution for the grant. Both projects are for three years (FY22 through FY24). Teri Fiez moved that CHECRA fund the two projects in the amounts requested. The motion was seconded by Alan Rudolph and approved unanimously.

Walter Copan thanked the board and noted how projects funded by CHECRA contribute to workforce development and also help lead the state's transition away from fossil fuels. Teri Fiez noted that universities are doing more and more translational research for economic development; Alan Rudolph suggested that this fact could enable institutions to make a more pointed request for additional state funds to support research at universities. Chris Rasmussen suggested that this might also be a theme for the upcoming CHECRA annual meeting, which is scheduled for Friday, February 11, from 12:00 to 2:00 p.m. Angie Paccione suggested we might engage Will Toor, executive director of the Colorado Energy Office, in agenda development.

Angie Paccione noted that she would like to share these insights at an upcoming Governor's cabinet meeting, including CHECRA projects that advance the transition to renewable energy. Alan Rudolph indicated that he would work with other board members to create a document that outlines the impact

of CHECRA-funded research and opportunities to further economic and workforce development through expanded support of CHECRA. Angie asked if the document could be shared with her by the end of next week (by Thursday, December 23).

#### I. Welcome

#### II. Role Call / Establishment of Quorum

#### III. Requests for Funds:

- Colorado School of Mines: NAWI Project: 5.8 - Advanced Process Controls – Autonomous Control and Optimization (\$162,247)
- Colorado School of Mines: NAWI Project 6.1 - Porous Polymer Networks and Membranes for PFAS and Selenium Removal from Water (\$90,562)

#### IV. Other Updates