

Approved at the 2/8/2019 meeting

MINUTES OF THE BOARD MEETING

Friday, November 30, 2018

COLORADO SCHOOL OF MINES

Starzer Welcome Center, 1812 Illinois Street, Golden, CO 80401

I. Trustee Breakfast – 8:00 a.m., President’s Residence, 1722 Illinois Street

Executive Session

8:00 a.m. Motion to move into executive session by Trustee Haddon; seconded by Trustee Truly. Motion approved 5-0.

Trustees present: Chairman Jordan, Trustees Haddon, McNeil, Starzer and Truly.

Mines executives and directors present: President Johnson, Interim Provost Boyd, EVP Volni, VPSI Fox, VP Han and

Research activities and Tech Transfer Report Dr. Tompkins provided an overview on efforts to grow and diversify research funding detailing the three categories of ongoing efforts: Reactive, Proactive, and Strategic. She noted the Office of Research Administration (ORA) is working to streamline proposal processes and reviewed the ~~underground~~ proposal submission process. There was a brief discussion regarding collaborating with other universities

and exploring new workshop and training opportunities. She reviewed the strategic opportunities and invited Dr. Mike Mooney to provide information on rapid tunneling and building an underground model for drilling projects ~~to increase the current strategic opportunity. Dr. Tompkins provided background on communication obstacles~~

2011 and has graduated approximately 10 students. Dr. Newman noted the program has synergies with other engineering program disciplines. There was discussion regarding the demand for and relevancy of the program.

Motion to approve the new degrees as proposed made by Trustee Haddon; seconded by Trustee McNeil.
Approved 5-0.

BE IT RESOLVED that the Board of Trustees of the Colorado School of Mines approves creation of the following new graduate degree programs:

- *Earth Resources Development Engineering (MS non-thesis, MS Thesis, PhD)*
- *Data Science for Signals and Systems (Graduate Certificate)*
- *Antennas and Radar Technology (Graduate Certificate)*
- *RF and Microwave Engineering (Graduate Certificate)*
- *Operations Research with Engineering (MS non-thesis, PhD)*

Rename:

Mining and Earth Systems Engineering (MS non-thesis, MS thesis, PhD) to Mining Engineering (MS non-thesis, MS thesis, PhD)

Discontinue:

- *Engineering of Mines (ME)*
- *Interdisciplinary with a specialty in Operations Research with Engineering (PhD)*

Graduation list approvals Dr. Boyd asked the Board to consider and approve the mid-year graduation lists for December 14, 2018 with one noted correction.

~~Motion to approve the graduation lists proposed made by Trustee Haddon; seconded by Trustee Truitt~~

Approved 5-0.

~~BE IT RESOLVED that the Board of Trustees of the Colorado School of Mines approves the attached~~

...and ... followed by discussion. Ms. Volpi stated that the project has already been

bid and that the \$29.4 million is the final, fixed cost. Construction will start in January. Ms. Volpi asked the Board

Business Activities. The committee

1. The committee recommends that the Board of Trustees approve the following:

2. The committee recommends that the Board of Trustees approve the following:

3. The committee recommends that the Board of Trustees approve the following:

4. The committee recommends that the Board of Trustees approve the following:

5. The committee recommends that the Board of Trustees approve the following:

6. The committee recommends that the Board of Trustees approve the following:

7. The committee recommends that the Board of Trustees approve the following:

8. The committee recommends that the Board of Trustees approve the following:

9. The committee recommends that the Board of Trustees approve the following:

10. The committee recommends that the Board of Trustees approve the following:

11. The committee recommends that the Board of Trustees approve the following: