

Colorado School of Mines – RESEARCH COUNCIL MINUTES
November 2, 2:00-3:00 pm via Zoom

Attendees:

Voting Members: 24 total (13 needed for quorum). Quorum was present.

P	Sid Saleh (Chair)	P	Seth Vuletich (LB)	P	Tulay Flamand (EB)	P	Andrew Petruska (ME)	P	Emmanuel DeMoor (MME)
P	Mark Deinert (NSE)	P	Erdal Ozkan (PE)	P	Matthew Morgan (CGS)	A	Mike Wakin (EE)	P	Elizabeth Davis (HASS)
A	Thomas Monecke (GE)	P	Svitlana Pylypenko (CH)	A	Jim Ranville (GC)	P	Elizabeth Reddy (EDS)	P	Jamal Rostami (UCT)
P	Steve Pankavich (AMS)	P	Jeffrey Shragge (GP)	A	Jim Simmons (GP)	A	John Spear (CEE)	P	Kenneth “Xerxes” Steirer (EREP)
A	Eric Toberer (MS/PH)	P	Sumit Agarwal (CBE)		Mehmet Belviranli (CS)				

Non-Voting Members:

P	Johanna Eagan (ORA)	P	Mara Green (AA)	A	Stephen Thoemmes (GSG)	P	Barb O’Kane (EHS)	P	Emmelia Ashton (USG)
P	Yvette Kuiper (GGE, ex officio)	P	Liza Kinzel (RTT)						

Special Guest(s): Mike Kaufman (RTT)

Welcome

Sid Saleh

Approval of Minutes – October 5, 2022

Sid Saleh

MOTION: To approve the October 5, 2022 Research Council minutes by Rostami, seconded by Flamand. Motion passed unanimously.

Updates

Sid Saleh

Research Secured Compartmental Information Facilities (SCIFs)

Access to several SCIFs in Federal Center in Lakewood, Colorado. Reach out to RTT for more information on SCIFs.

Security Clearance

Council representatives asked to collect information on who has security clearance and who needs security clearance; information would be brought by to Copan.

Faculty input on pre/post grad grants

Provost asked for input from peers on pre- and post-graduate grants; Councilors asked to bring forward any issues to be compiled for sharing.

Entrepreneurship and Innovation in P&T

Saleh looking into how tenure track faculty can gain credit for entrepreneurship and innovation activity. Seeking to provide equitable environment for faculty that may take time off for a startup.

RTT Update, MRIs and university cost share changes

Mike Kaufman

Slide deck provided to Councilors for review.

Mine Research Incentive Program (MRIP) Update

Mike Kaufman

MRIP in its second year. Committee met with faculty last spring to gain input on how the first year went; received comments and suggestions and brought forward items to the executive team. Some recommendations were approved and others were not. Executive team approved expanded eligibility for full time professors of practice and department heads, revised SRE/WR funding for a retrospective review; and clarified language on charge-outs, sabbaticals and leave of absence. Executive team did not approve lower expenditures, counting students that were self-funded, or including gifts and tech agreements. Another workshop would be held in spring to have additional input on what can be done better.

- **Question** on why gifts and tech services were not included in expenditures if these were supporting students; Eagan reported argument due to overhead and what constitutes a research program. It had been reported that technical services and gifts may not necessarily constitute competitive research. Suggestion made to bring questions and feedback to executive team.

Industry sponsored research and industry consortium included in MRIP; gifts and technical services from industry are excluded. Council asked to find how important industry is to departments and bring forward to administration. Note made that some searches include specific requirements for industrial collaborations. DSAs that exist on campus report hourly student help and majority do not support thesis-based students.

Comment made on de-prioritization decreasing the number of interactions leading professors to not pursue the program.

MRIP Committee

Sid Saleh

Committee tasked with documentation of various faculty feedback, industry gifts and technical support importance, and bringing forward documentation to the executive team so that faculty and research voices are heard.

Committee Updates

REI

Sid Saleh

Received \$40,000 for Fall 2022; fourteen applications were submitted. Committee has met on evaluation. Once evaluated, recommendations would be brought to council. Suggestion made to include an additional lab manager on the committee.

Research Council Lecture Series/Research Fusion

Jamal Rostami

Ten presentations during fifty minutes.

Next Research Council Lecture event 11/30 ([click here for more information](#)) with Tzahi Cath.

Research Instrumentation

Xerxes Steirer

Committee met and discussed review of instrumentation across campus. Councilor noted tracking research equipment across campus is outdated by at least two years with a limit of \$50,000 and above listings.

Tentative plan to work with ITS on a Team Dynamix site.

Graduate Stipends

Andrew Petruska

Petruska chairing the Graduate Stipends committee.

Graduate Council addressing topic of graduate stipends; Council suggested joint effort.

High-Performance Computing

Jeffrey Shragge

Document of suggestions has been completed and circulated to CIO Andrew Moore. CIARC group member tasked with implementation has left Mines. Document not prepared for circulation to Council and greater user community at Mines.

Focus of HPC group is existing infrastructure and working in parallel with CIARC group. CIARC group looking at expansion of how cloud-based computing can be accessed on demand with the growing market.

Other Business & Announcements

Innov8x Studio available for early adopter simulations

1750 Jackson retail space to be used for simulations. The space can be used for startup teams needing to design usability testing. No hazardous testing. Space is part of the Innov8x program through McNeil and drawing teams from courses and activities. A membership is needed with applications involved.

New Business

Councilor noted a Stanford publication on research around the world in every field has been published ([click here](#)).

Adjourn

Sid Saleh

Meeting adjourned: 2:42 pm.

Next meeting: December 7, 2:00-3:00 pm via Zoom.