

I. Call to Order and Roll Call

The meeting was called to order by President Steve Corns. Roll was called by Secretary Kelly Homan. Those whose names are **grayed out** below were absent.

Brent Unger, Jorge Porcel, Darin Finke for Terry Robertson, **Mark Mullin**, David Westenberg, Craig Claybaugh, Fui-Hoon Nah, Parthasakha Neogi, Jee Ching Wang, Amitava Choudhury, Jeff Winiarz for Klaus Woelk, Joel Burken for Stuart Baur, Mark Fitch, **William Schonberg**, Michael Gosnell, Chaman Sabharwal, **Michael Davis**, Mahalet Fikru, Ali Hurson, Kurt Kosbar, Sahra Sedigh Sarvestani, Maciej Zawodniok, Robert Marley for Venkat Allada, Steve Raper, Sarah Hercula, Kathryn Dolan for Dan Reardon, Ralph Flori, Jonathan Obrist-Farner, Kathleen Sheppard, William Fahrenholtz, Jeff Smith, Akim Adekpedjou, Matt Insall, S.N. Balakrishnan, Jie Gao, Kelly Homan, **Ashok Midha**, **Lonnie Pirtle**, **Samuel Frimpong**, **Shoaib Usman**, Ulrich Jentschura, **Michael Schulz**, Amber Henslee, Michelle Schwartze

II. Approval of Minutes

The minutes of the March 19 and April 2, 2020 meeting were presented. Dr. Corns called for a vote and the minutes were approved.

III. Campus Reports

A. Staff Council

Barbi Spencer did not present a report on behalf of staff council.

B. Student Council

Kaiden Kessinger presented for Student Council and stated Student Council had met on April 14 to discuss a refund recommendation. A vote was held and approved to recommend that the money be used to pay towards the fitness center debt.

The student leader's award banquet will still happen via Zoom. More information will be coming soon.

The Student Council President for 2020-2021 was introduced as Lawrence (Larry) Hierlmeir.

IV. **President's Report**

President Corns presented and mentioned the COACHE survey has closed. The results should be available by the summer senate meeting. If not, they will be presented at the September Faculty Senate meeting.

IFC has been meeting weekly due to President Choi wanting to keep a pulse on the faculty and keep everything updated.

One of the topics of the meeting was the impact of moving to online education and for how long online education will be the only option. In the fall, the third semester is a goal right now.

System is looking at processes on how to start the reopening of individual campuses. S&T administration is a part of those talks.

The ACUE-NASH grant was awarded to the UM System. This grant will help faculty develop different content and help them move their courses online. Cohorts will be grouped by campus and it will probably benefit 16 Missouri S&T faculty.

Steve Corns welcomed the faculty athletic representative, Dave Westenberg to present a resolution.

Whereas Mark Mullin has served the Faculty, Staff, Students, and Alumni of the Missouri University of Science and Technology as Athletics Director from 1992 to 2020; and

Whereas, as Director of Miner Athletics, Mark Mullin has led Miner Athletics to fourteen conference championships, ten additional titles, over seventy NCAA championship competition appearances with nearly one hundred student athletes named Academic All-Americans, nearly 80 All-Americans and over 350 All-Conference selections; and

Whereas, Mark Mullin's leadership skills and diligence have led to many facility improvements for Miner Athletics including construction of the student recreation center, multiple renovations of Allgood-Bailey Stadium, construction and expansion of fitness center facilities, multiple renovations of the Gale-Bullman multi-purpose building including Gibson Arena; and

Whereas Mark Mullin has served diligently as a Senator of the Faculty Senate of the Missouri University of Science and Technology (1992-2020)

Therefore, be it resolved that the Faculty Senate of the Missouri University of Science and Technology does hereby sincerely thank Mark Mullin for every job well done and

wish him continued success in his future endeavors. Adopted this 16th day of April 2020, at the meeting of the Faculty Senate of Missouri University of Science and Technology.

The resolution was adopted.

V. **Administrative Reports**

A. **Chancellor's Report**

Chancellor Mo Dehghani

Chancellor Dehghani began by thanking Kaeden for his superior leadership of the Student Council and welcome to the new chair.

“Thank you Mark for your leadership of our athletics.”

“The state budget has a significant shortfall and the academic portion of the shortfall is significant. The University of Missouri System will have 36.5 million dollars withheld for the balance of this year and S&T’s share of that is 4.5 million in addition to everything else. Everything else for S&T is about 4 million dollars. There is a significant budget shortfall for the balance of this year and the year after. The next fiscal year is even more troubling. At this point, we are thinking that anywhere between 12.5 and 15% shortfall for our situation. In the short run, as you know, the entirety of the leadership team/cabinet will agree to take a 10% salary pay cut for the balance of this year, and we will see what happens after that. Many of our colleagues stepped forward and said voluntarily that they like to do that. In addition to that, every unit of the organization is doing three contingency planning processes; a 10%, 15% and 20% reduction. The cuts will not be across the board because there are some areas the S&T needs to invest in now more than ever.”

“One area we need to invest in is students and enrollment management. Despite everything, as far as the students signing up and putting down deposits for the next fall term, we are still ahead of last year by a little bit. We have a yield campaign that is ongoing and I will take every opportunity I can to ask for your help and for faculties help to reach out to the students that have indicated that they want to come to campus. Specifically the students that have been accepted by S&T but they have not signed up because of all the uncertainties.”

“We will have a campus fall semester but it might be a combination.”

“There is also similar effort on the graduate enrollment. Our number of applicants for the professional masters programs, non-thesis master’s degrees had tripled thanks to the enrollment management effort. Unfortunately, a lot of these students are international and

right now visas are not being issued. We are at that at that juncture, hopefully all of this will go away, countries will start issuing visas, and we will have a robust graduate program.”

“For the long term, the university needs to embark upon a long-term strategic plan that will get the university to a point where the fluctuations in state support will merely be a fluctuation and will not put the university in a spin.”

“Missouri S&T is second to none when it comes to our domain expertise, which is tech centric. For curricula, S&T is absolutely second to none if you look at peer universities and, in particular, private peer universities. S&T needs to identify where this university needs to be in 20 years because the next 20 years will simply be an extension of the same trend for state support for the university.”

“There are open positions. There is no hiring freeze. The university does want to hire for critical positions.”

“There are possibilities of furloughs and layoffs, those needs will be identified within that 10% 15% 20% contingency plans. If there are furloughs and layoffs, it will not be uniform across the spectrum.”

“On April 17 at 2pm, Sandy Magnus is going to speak via Zoom. Sandy is an astronaut who spends four months at a time in space in complete isolation.”

“The Miner Resilience Fund was created and many have already contributed.”

B. Provost’s Report

Interim Provost Stephen Roberts

“On April 2, a survey was administered to all undergraduate students. The survey was developed and sponsored by the Committee on Effective Teaching and the Office of the Vice Provost for Academic Support. The survey generated nearly 900 responses. Another survey will be administered to students in the next few days. Over 70% of student’s report that they are continuing confidently with their coursework and only a very small fraction indicate that they are not. Students reported various personal and technological challenges to online learning such as technological challenges with spotty internet or lack of internet, lack of a printer for materials that needed to be printed out, and lack of webcams. 01:22:15 Learning and this was very common and frankly very expected. We all knew that the interpretation of a laboratory experience. The S&T faculty are trying to continuously improve the effectiveness of lab translation and interpretation. Students also reported frustration with an increased workload, homework, reading and an increase in the length of lectures and recitations in excess of the time that is allocated. The students also report that they are unable to attend because a class that normally would have ended ran over. Students reported concerns about the cancellation of assessments with their grades. Student’s also had complimentary things to say about their experiences in many cases, especially, learning

support services. Please adhere to the final exam schedule. If you are planning on giving a timed exam during finals week you must do so during your scheduled day and time slot. Practicing faculty have the authority and the academic freedom to use a proctored exam or an unprompted assessment and I encourage you to be as flexible as possible and acknowledge that many students lack the basic essentials, such as webcams that are stable, stable internet, or private workspaces. To find out more about various resources supporting online instruction, please visit [cafe](#) and keeplearning@mst.edu for a variety of resources, including suggestions for alternative assessment strategies.”

There are varieties of ways in which laboratory experiences can be conveyed to students. Some of them would include the sharing of data as well as step-by-step procedures. Sharing of data might be accompanied by a video, perhaps a video that is already available on YouTube, something like a basic titration or a video that is actually made by the faculty member him or herself conducting the laboratory exercise. There is a variety of things that can be done, it does take creativity, and it does take incredible amounts of effort.

In regards to the Canvas Learning Management System, there will be self-paced Canvas courses for faculty offered this spring and summer. The four courses will run in the spring and summer for faculty who may be considering online teaching in the future. Faculty that are interested in using the canvas platform more effectively in their online teaching, please consider taking some of these self-paced Canvas courses.

On campus instruction is tentatively scheduled to return late in summer 2020, particularly in what we're calling a four-week session which will be July 20 through August 14. The summer session may give us the opportunity to run some small beta tests in terms of repopulating the campus. The return of onsite learners and workers will be a coordinated phase in process.

A new Academic Planning Committee has been formed and consists of nine faculty members from across the university as well as six administrators, four of those administrators hold faculty appointments. The committee is charged with developing a strategic plan that addresses three major domains, our academic program offerings, our instructional modalities and the academic calendar in a post Covid-19 area. The focus will be on increasing enrollment in our degree certificate programs, with a special focus on access and timeliness of degree or certification completion. The intention through this committee is to create a plan that will be shared through its development with the campus community. The committee will be assisted by advisory members from institutional research and data management as well as the office of finance, administrative support will be provided by the Provost Office. The committee will provide important strategic planning for as I said prosperity in a new era of reduced and perhaps statistically absent state funding.

The Provost made some introductions; Kathryn Northcutt is serving as Interim Vice Provost of Academic Support. Dr. Wayne Jones, Executive Director and Chief institutional Research Officer for Missouri S&T. Wayne comes to us from the Sam Walton School of Business at the

University of Arkansas Fayetteville. Dr. Frank Lou, Michael and Joyce Bytnar Professor of Mechanical Engineering, was also recognized as being awarded the Frederick Taylor Research Medal. Trent Brown, Professor of English and Technical Communication has written a new book, Murder in McComb.”

VI. Reports of Standing Committees

A. Budgetary Affairs

Mark Fitch presented for the Budgetary Affairs Committee (BAC). Sixty percent of our budget comes from tuition and fees and only about a third from the state. FAA is about 6-7 million. Missouri S&T spends three quarters of the money on salaries. This year, the state is withholding \$4.2 million now and the estimate of the maximum withholding is \$10.2 million. The student refund is about \$3.5 million which adds to a range of \$7.7 to \$13.7 million that has to be cut in the remaining part of the fiscal year. The cuts that have been asked for in terms of planning are between \$13 and \$20 million. This is the 10 to 15% cut for the fiscal year. There is some contingency for cost that that might come in the summer. I say we, this is Finance and Administration, the state and others are just kind of passing along. There are still some cost increases for next year that we already knew about: no raise pool but the cost of benefits will go up, promotion and tenure rewards, and the state minimum wage is increasing. Those are all relatively small but at least a \$12.1 million anticipated cut for next year.

The divisions have been asked to figure out how they would do 10, 15 and 20% cuts. This is a permanent cut. In the next 60 to 90 days we'll see what happens.

B. Curricula

Steve Raper presented for the Curricula Committee (CC). The CC met April 1 and will have another meeting on May 6. The total activity was one certificate program (PC), three degree change request (DC), 23 course change requests (CC) and five experimental requests (EC).

The curriculum committee moves for Faculty Senate to approve the DC and CC forums, the PC forms do not need approval.

Motion passes.

C. Information Technology / Computing

The Information Technology Computing Committee (ITCC) did not give a presentation.

VII. **New Business**

Elections

FS President Corns started by mentioning that there are committee positions that are going to be coming available and that we are going to vote on it. There are three different general faculty committees that have opportunities for members: publications, student awards and financial aid, and the student's scholastic appeals committee. Additional communication will be sent out.

Sahra Sedigh Sarvestani presented the choices for Faculty Senate Officers

President: Stephen Raper (EMSE)-*elected*
President-Elect: Kelly Homan (MAE)-*elected*
Parliamentarian: Kathleen Sheppard (Hist/PolSci)-*elected*

Past President: Steven Corns (EMSE)-*elected*

For informational purposes, the slate of IFC representatives will be:

Steven Corns (EMSE)
Stephen Raper (EMSE)
Kelly Homan (MAE)

Nominees for faculty senate secretary:

Craig Claybaugh (BIT)
KC Dolan (Engl/TC)-*elected*

Standing Committee Elections

Academic Freedoms and Standards-5 positions available, 2 year term

Nominees for AFS Committee:
Islam El-adaway (CArEE) -*elected*
Yishu Zhou (Econ)
Jag Sarangapani (ECE) -*elected*
Cihan Dagli (EMSE)
Jossalyn Larson (Engl/TC) -*elected*
Patrick Huber (Hist/PolSci)-*elected*
Mingzhen Wei (GGPE)
Matt Insall (Math/Stat) -*elected*
Anthony Convertine (MSE)
Lana Alagha (MNE)

Administrative Review-1 position available, 2 year term

Nominees for AR Committee:
Wayne Huebner (MSE)-*elected*

Budgetary Affairs-2 positions, 2 year term

Nominees for BA Committee:
Lorie Francis (ALP) -*elected*
Yue-Wern Huang (BioSci)
Bih-Ru Lea (BIT)
Joseph Smith (CBE)
Bruce McMillin (CS)
Eun Soo Park (Econ)
Jonathan Kimball (ECE) -*elected*
Venkat Allada (EMSE)
Joe Newkirk (MSE)
Kyle Perry (MNE)

Campus Curricula Committee-1 position, 2 year term

Nominee for CC Committee:
Mike Gosnell (CS) -*elected*

Honorary Degree Committee- 4 positions, 1 year term

Nominees for HD Committee:
Chen Hou (BioSci)
Sarah Stanley (BIT) -*elected*
Doug Ludlow (CBE) -*elected*
Genda Chen (CArEE)
Ana Ichim (Econ)
Bill Kim (ECE)
David Enke (EMSE) -*elected*
Elizabeth Roberson (Engl/TC)
Michael Meagher (Hist/PolSci) -*elected*
John Hogan (GGPE)
Laura Bartlett (MSE)
Joshua Schlegel (MNE)

Intellectual Property/Tech Transfer- 2 positions, 2 year term

Nominees for IPTT Committee:
Jonathan Kimball (ECE)-*elected*
Baojun Bai (GGPE)-*elected*

Library and Learning Resources-4 positions available, 2 year term

Nominees for LLR Committee:

Peter Ryan (CBE)
Bonnie Bachman (Econ) *-elected*
Jun Fan (ECE)
Elizabeth Cudney (EMSE) *-elected*
Abdulmohsin Imqam (GGPE)
Matt Insall (Math/Stat) *-elected*
Ron O'Malley (MSE)
Gary Mueller (MNE)
Anh Thu Le (Physics) *-elected*

Personnel Committee-2 positions, 2 year terms

Personnel Committee Nominees:

Partha Neogi (CBE)
Chulsoon Hwang (ECE)
Venkat Allada (EMSE) *-elected*
Akim Adekpedjou (Math/Stat)
Aditya Kumar (MSE)
Catherine Johnson (MNE) *-elected*

Student Affairs Committee-4 positions, 1 year term

SA Committee Nominees:

Taylor Gruenloh (ALP)
Terry Wilson (BioSci) *-elected*
Muthanna Al-Dahhan (CBE)
Jeff Winiarz (Chem) *-elected*
Leslie Sneed (CArEE) *-elected*
Mahelet Fikru (Econ)
Levent Acar (ECE)
Joan Schuman (EMSE) *-elected*
Dave Wronkiewicz (GGPE)
Kim Kinder (Math/Stat)
Jeff Smith (MSE)
Syed Alam (MNE)

SA Committee Nominee to represent faculty senate:

Jeff Smith *-elected*

Student Awards & Financial Aid-3 positions, 2 year term

SAFA Committee Nominees:
Kurt Kosbar (ECE) *-elected*
Kathleen Sheppard (Hist/PolSci) *-elected*
K.C. Dolan (Engl/TC) *-elected*

Judicial Committee Elections

Grievance Resolution Panel-2 positions available, 3 year term

GRP Committee Nominees:
Jerry Cohen (ALP) *-elected*
Kelvin Erickson (ECE) *-elected*

Parking, Security and Traffic-4 positions, 2 year terms

PST Committee Nominees:
Yishu Zhou (Econ)
Jeff Winiarz (Chem) *-elected*
Levent Acar (ECE) *-elected*
Ashok Midha (MAE)
Rob Paige (Math/Stat) *-elected*
Samuel Frimpong (MNE) *-elected*

Student Scholastic Appeals-1 position available, 2 year term

SSA Committee Nominee:
David Westenberg (BioSci) *-elected*

Conflict of Interest-2 positions available, 3 year term

CI Committee Nominees:
Jianmin Wang (CArEE) *-elected*
John McManus (Hist/PolSci) *-elected*

VIII. Adjourn

Motion to adjourn. The meeting adjourned at 4:08 pm.