Faculty Senate Meeting
October 17, 2019
I. Call to Order and Roll Call

K. Homan, Secretary
II. Approval of Amended Minutes

September 26, 2019
D. Rules, Procedure and Agenda

Sahra Sedigh Sarvestani presented the RP&A report. An explanation of the committee charge was presented. Due to Richard Dawes and Michael Bruening accepting new positions, they are no longer able to serve as Faculty Senate Officers. Michael Bruening is now Interim Chair of History and Political Science and ineligible to serve as chair of RP&A. The committee elected Dr. Sedigh Sarvestani as chair during their September 16 meeting.

Due to Richard Dawes and Michael Bruening accepting new positions, they are no longer able to serve as Faculty Senate Officers. The Past-President and President-Elect positions will become vacant. No election is necessary for the Past-President position. Dr. Sedigh Sarvestani (Past President during AY 2019-2020) has accepted RP&A’s invitation to serve as Past-President.

In the interest of continuity, RP&A nominated Dr. Stephen Raper, current Faculty Senate Parliamentarian, for the President-Elect position. Nominations were solicited from the floor. Hearing none, the Faculty Senate elected Dr. Raper as President-Elect by a vote of acclamation.
-Rules, Procedures and Agenda edits continued

For the now-vacant Parliamentarian position, RP&A nominated Dr. Kathleen Sheppard. Nominations were solicited from the floor and hearing none, the Faculty Senate elected Dr. Sheppard as Parliamentarian by a vote of acclamation. The recommendation is to move Dr. Raper into the President-Elect position and elect a new Parliamentarian. RP&A nominated Dr. Kathleen Sheppard to serve as Parliamentarian. Nominations were solicited from the floor and, hearing none, the Faculty Senate approved the appointment of Kathleen Sheppard as Parliamentarian by a vote of acclamation.

The RP&A committee assigned Dr. Sahra Sedigh Sarvestani to serve as committee chair and to serve as Past President. The new slate of Faculty Senate Officers are as follows; Dr. Steve Corns-President, Dr. Steve Raper-President-Elect, Dr. Kathleen Sheppard-Parliamentarian, Dr. Kelly Homan-Secretary and Dr. Sahra Sedigh Sarvestani-Past-President.
-Rules, Procedures and Agenda edits continued

**Motion:** To maintain continuity, RP&A recommends that Dr. Bruening continue to serve as the S&T’s third IFC representative and nominates him for this position. Nominations were solicited from the floor and hearing none, the Faculty Senate elected Dr. Bruening as IFC representative by a vote of acclamation. The Faculty Senate approved this nomination by a vote of acclamation.

The Administrative Review Committee elected in April was Dr. Kelly Liu (chair), Dr. Bih-Ru Lea, Dr. Diana Ahmad and Dr. Melanie Mormile. Dr. Mormile is now Associate Dean for Research and External Relations for the College of Arts, Sciences, and Business and has recused herself from service on the committee.

**Motion:** RP&A nominates Dr. Wayne Huebner (Materials Science & Engr) for the vacant position on the Administrative Review Committee. Additional nominations were solicited from the floor and, hearing none, the Faculty Senate approved this nomination by a vote of acclamation.

The Campus Curricula Committee (CCC) requires two members elected from and by the Faculty Senate. Dr. Michael Davis and Dr. Ashok Midha filled these positions as of April. Dr. Midha whose term ends in 2020 had indicated that he is unable to serve.

**Motion:** RP&A nominates Dr. Matt Insall to replace Dr. Midha. Additional nominations were solicited from the floor and hearing none, the Faculty Senate approved this nomination by a vote of acclamation.
- Public Occasions edits

**Motion:** The Public Occasions Committee moves that the following revision be made to the 2020-2021 academic calendar: Moving international student orientation - for the spring semester only - to one day earlier. The date will change from Tuesday, January 12 to Monday, January 11, 2021. Approve the revised academic calendar for academic year 2020-2021. The motion passed.

- Comments added to the minutes in response to the Provost’s Report presented by Richard Brow.

Concerns expressed by Faculty Senators during Dr. Brow’s report included a question about the need for an Associate Vice Chancellor for Research during the current budgetary circumstances, the correlation between admission standards on subsequent retention and graduation rates, and the tradeoff between an institution’s reputation and the perceived ease of earning a degree there.
III. Campus Reports
   A. Staff Council, B. Spencer
Staff Report

Introductions and Announcements
Agenda

III. Campus Reports

B. Student Council, K. Kessinger
Student Council Priorities

Academic Advocacy

New Committees - Academic Resources and Graduate Students

- Academic Resources will focus on the Division of Academic Support
- Graduate Student Committee will take over from CGS.
  - Launching Student Success Project
  - Starting Regular Meetings
    - Dr. Cawfield
    - Faulty Senate Leadership
Student Council Priorities

- Increase Student Council Awareness
  - Creating new committees to provide feedback to departments subsidized by the Student Activity Fee
  - Partnering with other Organizations for more programming
  - Rebranding to establish a better visual identity among students
Questions?
III. Campus Reports

C. Guest Speaker

O. Chen, Dean of the Library
2020 Library Materials Portfolio Review and Beyond
## 2020 FY Budget

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019 GRA (General Revenue Allocations)</td>
<td>$1,523,838</td>
</tr>
<tr>
<td>2020 GRA</td>
<td>$1,322,159</td>
</tr>
<tr>
<td>Provost’s one-time fund</td>
<td>$50,000</td>
</tr>
<tr>
<td>Library’s reserve</td>
<td>$50,000</td>
</tr>
<tr>
<td>F&amp;A (Facilities and Admin Costs)</td>
<td>$120,000</td>
</tr>
<tr>
<td>Total available funds</td>
<td>$1,542,159</td>
</tr>
<tr>
<td>2020 total expenditure @5% inflation</td>
<td>$1,602,412</td>
</tr>
<tr>
<td>Projected shortfall</td>
<td>-$60,253</td>
</tr>
</tbody>
</table>
*Baseline comparison: 2009 FY collection budget, $1,340,361
2010-2020 FY S&T Individual Journal Cancellations and Book Orders

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Acquisitions Budget</th>
<th>No. of cancelled individual journals</th>
<th>Cost of Cancelled individual journals</th>
<th>Cost of Newly Acquired Books</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>$1,421,855</td>
<td>91</td>
<td>$37K</td>
<td>$166K</td>
</tr>
<tr>
<td>2011</td>
<td>$1,421,855</td>
<td>20</td>
<td>$12K</td>
<td>$152K</td>
</tr>
<tr>
<td>2012</td>
<td>$1,421,855</td>
<td>21</td>
<td>$4K</td>
<td>$154K</td>
</tr>
<tr>
<td>2013</td>
<td>$1,521,855</td>
<td>56</td>
<td>$58K</td>
<td>$144K</td>
</tr>
<tr>
<td>2014</td>
<td>$1,467,221</td>
<td>59</td>
<td>$59K</td>
<td>$118K</td>
</tr>
<tr>
<td>2015</td>
<td>$1,467,221</td>
<td>60</td>
<td>$40K</td>
<td>$75K</td>
</tr>
<tr>
<td>2016</td>
<td>$1,467,221</td>
<td>36</td>
<td>$38K</td>
<td>$57K</td>
</tr>
<tr>
<td>2017</td>
<td>$1,467,221</td>
<td>32</td>
<td>$140K</td>
<td>$53K</td>
</tr>
<tr>
<td>2018</td>
<td>$1,523,838</td>
<td>23</td>
<td>$62K</td>
<td>$48K</td>
</tr>
<tr>
<td>2019</td>
<td>$1,523,838</td>
<td>47</td>
<td>$51K</td>
<td>$45K</td>
</tr>
<tr>
<td>2020</td>
<td>$1,332,159</td>
<td>11</td>
<td>Pending</td>
<td>Pending</td>
</tr>
</tbody>
</table>
2010-2020 FY S&T Individual Journal Subscriptions
2010-2020 FY Packages and Databases Purchased by System
Library Packages as Cable Channel Bundles and VOD Charges

<table>
<thead>
<tr>
<th>Package</th>
<th>Channels Included</th>
<th>View all Channels</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Base Channels</strong></td>
<td>34 channels</td>
<td>View all Channels</td>
</tr>
<tr>
<td><strong>Lifestyle</strong></td>
<td>16 Channels</td>
<td>View all Channels</td>
</tr>
<tr>
<td><strong>Entertainment</strong></td>
<td>16 Channels</td>
<td>View all Channels</td>
</tr>
<tr>
<td><strong>News &amp; Info</strong></td>
<td>16 Channels</td>
<td>View all Channels</td>
</tr>
<tr>
<td><strong>Pop Culture</strong></td>
<td>14 Channels</td>
<td>View all Channels</td>
</tr>
<tr>
<td><strong>Kids</strong></td>
<td>12 Channels</td>
<td>View all Channels</td>
</tr>
<tr>
<td><strong>Sports</strong></td>
<td>9 Channels</td>
<td>View all Channels</td>
</tr>
<tr>
<td><strong>Sports Plus</strong></td>
<td>16 Channels</td>
<td>View all Channels</td>
</tr>
</tbody>
</table>

Fios TV Custom HD Channel Packs require a minimum 30-day billing period. Channels included in each Channel Pack cannot be modified.
### Big Deal Cancellations

<table>
<thead>
<tr>
<th>Time</th>
<th>University</th>
<th>Vendor</th>
<th>Estimated Annual Savings (USD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019</td>
<td>LSU</td>
<td>Elsevier</td>
<td>$1M</td>
</tr>
<tr>
<td>2019</td>
<td>FSU</td>
<td>Elsevier</td>
<td>Undisclosed</td>
</tr>
<tr>
<td>2019</td>
<td>Temple</td>
<td>Elsevier</td>
<td>$450,000</td>
</tr>
<tr>
<td>2019</td>
<td>OU</td>
<td>Elsevier, Wiley</td>
<td>Undisclosed</td>
</tr>
<tr>
<td>2019</td>
<td>WVU</td>
<td>Elsevier, Springer</td>
<td>Undisclosed</td>
</tr>
</tbody>
</table>

In the UM System context:

• Mizzou is handling the negotiations for the entire system

• Centralized procurement

• S&T is paying its portion of the shared contracts

• S&T also pays individually for its own subscriptions
## Elsevier Journals at S&T and the UM System

**S&T subscriptions:** 61

**UM System package titles:** 2,658

### Top 25 non-subscribed titles used by S&T in FY 2018

<table>
<thead>
<tr>
<th>Journal Title</th>
<th>2018 Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cement and Concrete Research</td>
<td>5535</td>
</tr>
<tr>
<td>Journal of Nuclear Materials</td>
<td>4231</td>
</tr>
<tr>
<td>Materials Science and Engineering: A</td>
<td>3805</td>
</tr>
<tr>
<td>Ceramics International</td>
<td>3578</td>
</tr>
<tr>
<td>Neurocomputing</td>
<td>3105</td>
</tr>
<tr>
<td>Fuel</td>
<td>3102</td>
</tr>
<tr>
<td>Journal of Alloys and Compounds</td>
<td>2892</td>
</tr>
<tr>
<td>Journal of Petroleum Science and Engineering</td>
<td>2869</td>
</tr>
<tr>
<td>Chemical Engineering Journal</td>
<td>2682</td>
</tr>
<tr>
<td>Earth and Planetary Science Letters</td>
<td>2553</td>
</tr>
<tr>
<td>Automatica</td>
<td>2548</td>
</tr>
<tr>
<td>Composite Structures</td>
<td>2443</td>
</tr>
<tr>
<td>Cement and Concrete Composites</td>
<td>2334</td>
</tr>
<tr>
<td>Renewable and Sustainable Energy Reviews</td>
<td>2321</td>
</tr>
<tr>
<td>Tectonophysics</td>
<td>2185</td>
</tr>
<tr>
<td>Electrochimica Acta</td>
<td>2096</td>
</tr>
<tr>
<td>Journal of Materials Processing Technology</td>
<td>1999</td>
</tr>
<tr>
<td>Engineering Structures</td>
<td>1841</td>
</tr>
<tr>
<td>Journal of Cleaner Production</td>
<td>1810</td>
</tr>
<tr>
<td>Additive Manufacturing</td>
<td>1808</td>
</tr>
<tr>
<td>Applied Catalysis B: Environmental</td>
<td>1753</td>
</tr>
<tr>
<td>Applied Surface Science</td>
<td>1675</td>
</tr>
<tr>
<td>Computational Materials Science</td>
<td>1549</td>
</tr>
<tr>
<td>Applied Energy</td>
<td>1522</td>
</tr>
<tr>
<td>Chemosphere</td>
<td>1440</td>
</tr>
</tbody>
</table>
## 2019 FY S&T Library ILL data

<table>
<thead>
<tr>
<th>Total lending #</th>
<th>Books/physical media: 3,366 Articles: 5,648</th>
<th>Total ILL Cost $75,000~80,000</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total borrowing #</td>
<td>Books/physical media: 3,654 Articles: 7,672</td>
<td></td>
</tr>
</tbody>
</table>

The Library monitors the ILL transactions and compares the ILL costs with the journal subscription costs.
Moving forward
Faculty Support: the FSU model

Florida State decided to halve the cost of its Elsevier contract, paying about $1 million to subscribe to the 150 most-used journals, as identified by faculty members, instead of the more than 1,800 journals they could read as part of the bundle. Budgetary strain was the prime cause, but in announcing the decision, the library also noted its broader support for the open-access movement. The Faculty Senate supported the libraries unanimously.

https://www.chronicle.com/interacts/Trend19-OpenAccess-Main
Moving forward

ILL vs Subscription: The cancellation of Royal Society of Chemistry Journals at UMass Amherst

<table>
<thead>
<tr>
<th>Journal Title</th>
<th>Borrowed articles published past 5 years</th>
<th>Copyright &amp; other fees</th>
<th>2017 RSC Subscription Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green Chemistry</td>
<td>24</td>
<td>$1,296.90</td>
<td>$3,032.00</td>
</tr>
<tr>
<td>Organic &amp; Biomolecular Chemistry</td>
<td>23</td>
<td>$1,240.80</td>
<td>$8,752.00</td>
</tr>
<tr>
<td>Food &amp; Function</td>
<td>20</td>
<td>$1,024.50</td>
<td>$3,015.00</td>
</tr>
<tr>
<td>Journal of Materials Chemistry B</td>
<td>16</td>
<td>$749.10</td>
<td>$3,134.00</td>
</tr>
<tr>
<td>Journal of Materials Chemistry C</td>
<td>12</td>
<td>$476.70</td>
<td>$3,134.00</td>
</tr>
<tr>
<td>Environmental Science: Nano</td>
<td>9</td>
<td>$272.40</td>
<td>$2,344.00</td>
</tr>
<tr>
<td>Chemical Science</td>
<td>6</td>
<td>$68.10</td>
<td>OA as of 2017</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td><strong>110</strong></td>
<td><strong>$5,128.50</strong></td>
<td><strong>$23,411.00</strong></td>
</tr>
</tbody>
</table>
Moving forward
UM System Open Access (OA) Taskforce
• Formed in May 2019
• S&T representatives: Michael Bruening, Oliver Chen, Jun Fan, Ed Malone, and Sherry Mahnkken
• A report would be sent to President Choi soon
  ➢ Continue major journal packages for the foreseeable future
  ➢ Establish a system level group promoting OA
  ➢ Establish a system level fund for OA publications
Input from the Faculty Senate
• Impact on library budget
• Impact on teaching and learning
• Impact on research and academic performance

To formulate the library strategies
Agenda

IV. President’s Report

S. Corns
President’s Report
Dr. Steven Corns, Faculty Senate President
Intercampus Faculty Council (IFC)

> Last IFC meeting, October 9

> Mid-Career Faculty
  – Committee has prepared a report
  – Some discussion about mentoring but no immediate plans

> eCompliance
  – System indicated that some adjustments would be made to make it less onerous
  – Ideas of what must be included discussed
Human Resources
- Additions to CRR and bone marrow and organ donation leave
- Minor changes to retirement plan for new employees

Digital Textbooks
- Discussed moving from printed text to digital and rental only.
- Concerns were raised about tech support in this case, book store would be point of contact.
IFC – President Choi

> Did not attend
Agenda

V. Reports of Standing Committees
   A. Administrative Review
      K. Liu
Administrative Review Committee

2019-2020 Members

Diana Ahmad
Wayne Huebner
Bih-Ru Lea
Kelly Liu, Chair
Positions suggested for review

- Vice Chancellor of Research and Dean of Graduate Studies
- Vice Chancellor for Student Affairs
- Vice Chancellor for University Advancement
- Executive Director of Marketing and Communications
- Associate Provost for Faculty Affairs
Positions not to be reviewed (new to the position, interim, or recently reviewed)

- Chancellor
- Provost and Executive Vice Chancellor for Academic Affairs
- Vice Chancellor for Finance & Operation
- Chief Diversity Officer
- Deputy Provost for Academic Excellence
- Vice Provost and Dean of College of Arts, Sciences, and Business
- Vice Provost and Dean of College of Engineering and Computing
- Vice Provost and Dean of Enrollment Management
- Vice Provost of Academic Support
- Vice Provost of Global Learning
- Dean of Curtis Laws Wilson Library
## Proposed timeline and process

<table>
<thead>
<tr>
<th>Action</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Review list to faculty senate for approval</td>
<td>October 17</td>
</tr>
<tr>
<td>Job descriptions</td>
<td>November 4</td>
</tr>
<tr>
<td>Development of questionnaires</td>
<td>December 3</td>
</tr>
<tr>
<td>Questionnaires to FS for review/approval</td>
<td>January FS Meeting</td>
</tr>
<tr>
<td>Statement of accomplishments due</td>
<td>January 22</td>
</tr>
<tr>
<td>Review of administrations</td>
<td>Feb. 10 – Feb. 25</td>
</tr>
<tr>
<td>Results to FS officers</td>
<td>March 10</td>
</tr>
<tr>
<td>Final report to FS</td>
<td>April 16</td>
</tr>
</tbody>
</table>
Agenda

V. Reports of Standing Committees
   B. Budgetary Affairs
      M. Fitch
Budgetary Affairs Committee
Oct 17, 2019

Active referrals:
• <None>

Continuing:
• Report on the “big picture balance sheet”
• Current and next FY budget
• Kauffman/5yr

New issues:
• System ask on tuition
• Departmental cost and revenue
Tuition + fees up 4.6%, Scholarship costs up 11.4%
Five-year plan/Kauffman Report

Each Campus to forecast changes in/due to

• tuition,
• student numbers,
• state funding,
• benefits,
• raises (2% annual), and
• Initiatives

New initiatives = cuts to other things
Tuition forecasting/setting

President Choi requests each campus propose tuition and fee strategy to implement on/after FY 2022 (= July 2021)

Tentative approach:

1. Undergraduate tuition: basement rate + differential for program of study.
2. MS non-thesis: penthouse rate
3. PhD: contribute financially through research and teaching service
Department cost and revenue: any lie you want (CArE FY 2017, $thousands)

General Revenue (Parker Hall)
$5,712 in, $7,284 out

Research Direct
$24

Grant Release
$30
$2% Grant Return
Ft. Wood
$50

Distance
SRI
$119?
Phonathon

General Revenue
$4604

CArE
Revenue: $4957
Costs: $4634

E&E
$114

Startup
$188?

Savings if we cut a program?

Gift revenues?

Utilities, etc.
$2680?

Tuition & engineering fee
$3600

($23MM bldg. @ 1.5%) (est 7850 SCH @ $459 per)
Agenda

V. Reports of Standing Committees
   C. Curricula
      S. Raper
• CCC Meetings
  – 2 October
  – 30 October (upcoming)
• Total Committee Activity
  – 1 Degree change request (DC forms)
  – 26 Course change requests (CC forms)
  – 5 Experimental course requests (EC forms)
• Program Changes (PC) Requested
  – File: 304.1 WORKPSY-CT: Applied Workplace Psych CT (certificate)

• Course Changes (CC) Requested
  – File: 4279.21CHEM ENG 3111: Numerical Computing in Chemical and Biochemical Engineering
  – File: 4652 CIV ENG 2451: Engineering Drawings and Tools
  – File: 4653 CIV ENG 5451: Information Technology Applications in the Construction Industry
  – File: 4654 CIV ENG 5452: Pre-Project Planning and Feasibility Studies
  – File: 4655 CIV ENG 5453: Logistics for Construction Industry
• Course Changes (CC) Requested
  – File: 4657    CIV ENG 5455: Construction Industry Best Practices
  – File: 637.5   COMP SCI 4610: Computer Security
  – File: 2086.3  EDUC 1104: Teacher Field Experience I
  – File: 770.3   EDUC 1164: Teacher Field Experience II
  – File: 2087.3  EDUC 1174: School Organization & Adm For Teachers
  – File: 1789.3  EDUC 3325: Novell Netware 4.1 / 4.11
  – File: 2481.3  EDUC 3335: Curriculum And Instruction Of The Middle School
  – File: 2154.3  EDUC 3339: Current Issues In Educ: Performance Based Assessment, Beginning
  – File: 1839.5  EDUC 3340: Assessment of Student Learning
  – File: 2155.3  EDUC 3341: Current Issues In Educ: Performance Based Assessment, Advanced
• Course Changes (CC) Requested
  – File: 1791.3  EDUC 3345: Introducing Educators To Computers
  – File: 789.1  GEOLOGY 4521: Ore Microscopy
  – File: 491.1  GEOLOGY 5511: Applied Petroleum Geology
  – File: 1380.1 GEOLOGY 6351: Advanced Geochemistry
  – File: 4650  MS&E 5460: Molecular Engineering of Materials
  – File: 4658  MS&E 6460: Advanced Molecular Engineering of Materials
  – File: 4189.8 PET ENG 3320: Petrophysics
  – File: 1923.2 PHYSICS 6101: Classical Mechanics I
  – File: 2123.3 PHYSICS 6111: Electrodynamics I
  – File: 1222.1 PHYSICS 6201: Quantum Mechanics I
• Curriculum committee moves for FS to approve the DC and CC form actions
• Discussion: Questions or comments?
For Informational Purposes; No Senate Approval Required

• Experimental Course (EC) Requests
  – File: 4660  BIO SCI 3001.003: Physiology Laboratory
  – File: 4661  EDUC 3001.001: Teacher Field Experience III
  – File: 4664  MUSIC 3001.002: Introduction to Music Composition and Arranging
  – File: 4662  PHYSICS 3001.001: Computational Physics Laboratory
  – File: 4651  STAT 5001.002: Statistical Data Analysis Using R
Agenda

V. Reports of Standing Committees
   D. Academic Freedom and Standards
      K. Kosbar
Course Add/Drop Policy

17 October 2019
K. Kosbar
Chair, Academic Freedom & Standards Committee
Referral

> AF&S asked by S&T Registrar to consider proposal from:
  Elizabeth Lapointe, MPA, PMP PMI-PBA
  Business Technology Analyst – Expert
  Enterprise Data Warehouse & Reporting
  Division of Information Technology
  University of Missouri System

> Proposal is for S&T to align add/drop deadlines with those used by the other campuses of UM system, starting spring semester 2020

> AF&S received referral 10/10/19. Last date for Faculty Senate to approve changes for spring 2020 is 10/17/19
Proposal

> Move last day to add a class from end of 2\textsuperscript{nd} week of semester, to end of 1\textsuperscript{st} week.

> Move last day to drop a class without the grade of WD showing from end of 6\textsuperscript{th} week, to end of 4\textsuperscript{th} week

> Motivation
  – Mizzou, UMSL, UMKC already do it this way
  – Would more closely align refund structure with academic decisions
Recent Change in Refund Structure

OLD | Current
---|---
100% | 100%
90% |
70% | 50%
50% |
25% |
0% | 0%

- First Day of Classes
- Last Day to ADD
- Last Day to Drop w/o WD
- Mid-semester Grades
- Last Day to Drop
Proposed Change in Add/Drop Dates

End of Week

OLD

Current

0 → 100%

1 → 90%

2 → 70%

3 → 50%

4 → 50%

5 → 25%

6 → 0%

7 → 0%

8 → Mid-semester Grades

9 → Last Day to Drop w/o WD

10 → Last Day to Drop w/o WD

11 → Last Day to ADD

12 → First Day of Classes

Last Day to ADD

Last Day to Drop w/o WD
AF&S Committee Position

> Wish to collect input from multiple stakeholders

> This is not an emergency

> Recommend no changes to spring 2020 calendar

> Plan to report back to the Faculty Senate later this academic year, either endorsing our current add/drop schedule, or to propose a revised structure
Agenda

V. Reports of Standing Committees
   E. Effective Teaching
      D. Oerther
For awareness: CET plans for 2019-2020  
(prepared by D.B.Oerther, CET Chair)

• Request from Provost:  
  – In response to request from Curators and President at September 2019 meeting, each campus must:  
    • 1) identify and report baseline teaching effectiveness;  
    • 2) develop and implement plan to improve teaching effectiveness; and  
    • 3) assess improvement  
  – Charge to Committee on Effective Teaching:  
    • 1) improve CET instrument, as feasible; and  
    • 2) emphasize triangulation of teaching effectiveness using CET instrument as one source of information

• CET plans for 2019-2020:  
  – Bi-weekly, regular meetings of CET until request is fulfilled (first update early November, final report due April Curators meeting – or earlier)  
  – Consult multiple stakeholders including: Provost, Deans, Department Chairs, Faculty, Students, experts and references including CAFÉ

• Background:  
  – S&T Strategic Plan, September 2018  
    • Objective 2: Enhance student learning by supporting teaching excellence, and Strategy C: Respond to student evaluations of teaching each semester  
  – IFC Report, “Evaluating Classroom-based, Online, Blended and Laboratory Teaching Interactions, June, 2018  
    • notes, “National standards for measuring [teaching effectiveness] recommend using data from multiple sources. Student ratings of teaching are a necessary, but not sufficient, strategy in assessing the quality of teaching.”  
  – CRR 300.030 Faculty Bylaws  
    • include, “Standing Committees: Committee for Effective Teaching: makes recommendations to the Faculty Senate and the Provost, regarding the instruments used for student evaluation of teaching... the committee may consider alternative methods of evaluating teaching, may suggest methods for improving teaching...”
IV. Administrative Reports

A. Chancellor’s Report

M. Dehghani
CHANCELLOR’S REPORT

Presented by Dr. Stephen P. Roberts, Interim Provost, on behalf of Dr. Mo Dehghani, Chancellor
Faculty Senate, Oct. 17, 2019
NEW LEADERSHIP

Stephen Roberts  
Interim Provost and Executive Vice Chancellor for Academic Affairs

Richard Brow  
Interim Deputy Provost for Academic Excellence

Kate Drowne  
Interim Vice Provost and Dean College of Arts, Sciences, and Business

Neil Outar  
Chief Diversity Officer

Shobi Sivadasan  
Vice Provost, Enrollment Management
POSITIONS TO BE FILLED

> Chief Financial Officer
> Chief Information Officer
> Vice Provost for Global Learning
> Senior Director of Institutional Research and Data Management
VISION

To create a world-class science and technology university for workforce development, research breakthroughs, and economic development.

FROM VISION TO REALITY
OUR NORTH STAR

To become a top-tier research university, we must improve ...

> Recruitment and Retention
  – Increase undergraduate and graduate student enrollment
  – Increase graduation rates

> Research
  – Become Carnegie “Research 1” (very high research activity) classification, currently “Research 2”

> Reputation
  – Become top 100 university in U.S. News & World Report
**ENROLLMENT**

**Undergraduate Students**

- 2015: 6,000
- 2016: 6,000
- 2017: 6,000
- 2018: 6,000
- 2019: 6,000

**Graduate Students**

- 2015: 1,500
- 2016: 1,500
- 2017: 1,500
- 2018: 1,500
- 2019: 1,500

**Fall 2019 Enrollment**

- 6,462 Undergrads
- 1,634 Graduates
- **8,096 Total**

6% decrease overall since 2018
9% decrease overall since 2015

- **All International Students**

- 2015: 1,500
- 2016: 1,500
- 2017: 1,500
- 2018: 1,500
- 2019: 1,500
OUR NORTH STAR

U.S. News & World Report Rankings

- Johns Hopkins, 10
- Georgia Tech, 29
- Stevens Institute of Technology, 74
- NJIT, 97
- MU, 139
- Michigan Tech, 147
- S&T, 179

S&T Goal: 100

Missouri S&T Now
OUR NORTH STAR

Elevating S&T

- Undergraduate Student Recruitment
- Student Success
- Graduate Student Recruitment
- Faculty Recruitment & Development
- Research & Entrepreneurship
- Finances
- Development & Alumni Relations
- Marketing & Communications
- Physical Infrastructure
- Information Technology
ENGAGEMENT WEEK: OCT. 21-25

> S&T Engagement Day reception, 4-6 p.m. Monday, Oct. 21, at Hasselmann Alumni House

> “The Engaged University” live-streamed presentation, 10-11:30 a.m. Wednesday, Oct. 23, Carver-Turner Room of the Havener Center

> “Leading With Trust” live-streamed presentation, 5:30-7 p.m. in Carver-Turner Room

> “All Things Missouri Broadband” live-streamed session, 8:30-11:45 a.m. Thursday, Oct. 24, in Carver-Turner Room
STATE OF THE UNIVERSITY

> 4-5 p.m. Wednesday, Nov. 6, in Leach Theatre
> Coincides with Founders Day (first day of classes in 1871)
> Marks first 100 days
VI. Administrative Reports

B. Provost’s Report

S. Roberts
Commencement Ceremonies on Dec. 14, 2019

> Please consider attending commencement ceremonies, and encourage your colleagues to attend.

> Graduation Ceremony Committee recommends representation at both ceremonies by at least 2 faculty from departments with 15 or more faculty, and at least 1 faculty member from departments with fewer than 14 faculty.
Five-year Post-tenure Review Excellence Award

> 36 five-year post-tenure reviewees in 2019

> 7 recommended by chairs/deans for excellence award for outstanding performance in teaching, research, and service during the period of evaluation.

> All 7 nominees were conferred the award:
  D. Beetner       M. Bohner
  J. Burken       M. Mormile
  J. Myers       R. O’Malley
  V. Samaranayake

> Faculty should “own” criteria and nomination
Higher Learning Commission Accreditation

> Interim report is due May 2021.

> HLC has asked for plan to assess and continuously improve student learning outcomes. An ad hoc University Assessment Committee is working on this.

> HLC has also asked for the development of a general education core curriculum, and a plan to assess its outcomes. An ad hoc General Education Oversight Committee is working on this.

> Committee rosters and formal charges are available from the Provost’s office.
Commitment to Teaching Effectiveness

> Teaching effectiveness is a key component of the strategic initiative to improve student success.

> At the Sept 2019 BoC meeting, provosts gave a presentation on how campuses measure, reward, and improve teaching effectiveness.

> BoC has asked for baseline data on teaching effectiveness, a plan with actions and timeline for improving teaching effectiveness, and a plan for assessing progress in improving teaching effectiveness.

> The Committee for Effective Teaching is charged with this assignment.
Commitment to Retention and Graduation

> S&T’s 1st – 2nd year retention is 82%, and 6-year graduation is 64%. Both are at the national average, despite the fact that the academic qualifications of our students are much higher than the national average.

> Too many of our students are not realizing the benefits of an S&T education and the exceptional value of an S&T degree. The loss of students prior to graduation lowers our ranking, finances, and reputation.

> An ad hoc Retention and Graduation Performance Committee is studying the factors limiting retention and graduation, and creating plans to improve both at S&T.
Commitment to Retention and Graduation

> Improved 1st-year academic advising

> New academic programs and other resources to help students at risk, such as *Success for Calculus*.

> Studying how to most effectively allocate student aid to improve retention and graduation

> Committing to improve teaching effectiveness

> Adopting powerful predictive analytics platforms to identify and help students at risk, in real time and at scale. For example, EDSights and Starfish Analytics. PLEASE USE CANVAS GRADING PLATFORM.
VII. New Business Elections
VIII. Adjourn