Corporate Development Council (CDC) 
Spring 2017 Meeting

Hosted by: 
Office of the Vice Chancellor of Student Affairs
Welcome

> Debra Robinson, Vice Chancellor, Student Affairs and CDC Executive Director
> Dave Akers, Caterpillar and CDC Chair
> Jeremiah King, Brinkmann Constructors and CDC Chair-Elect
<table>
<thead>
<tr>
<th>Initiative</th>
<th>Budget</th>
<th>Participants/Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Leadership Conference</td>
<td>$10,000</td>
<td>163 Attendees</td>
</tr>
<tr>
<td>Peer Mentor Training *</td>
<td>$3,000-$4,000 (one-time)</td>
<td>20 Peer Mentor Participants</td>
</tr>
<tr>
<td>Etiquette Dinner</td>
<td>$3,000</td>
<td>90 Students and 2 Company Representatives (Fall 2016)</td>
</tr>
<tr>
<td>Alternative Weekend Breaks *</td>
<td>$2,500</td>
<td>6 Students + MYNAH Technologies = 97 hours of service</td>
</tr>
<tr>
<td>Miner Trek</td>
<td>$500-$2,500</td>
<td>Scheduled for March 27, 2017</td>
</tr>
<tr>
<td>Greek Academy *</td>
<td>$1,500 (one-time)</td>
<td>68 New Member + 39 Greek Officers = 107 Greek Community Members</td>
</tr>
<tr>
<td>Suit Closet</td>
<td>$500-$1000</td>
<td>500+ Students on an annual basis</td>
</tr>
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Student Leadership Conference

Student Attendance

- 2015: 130 attendees
- 2016: 132 attendees
- 2017: 163 attendees
Perceived Impact on Participants

**Impact on knowledge and/or ability**

- I feel more comfortable interacting with professionals: 3.31
- I am better prepared to successfully search and gain employment: 3.25
- I increased my ability to work with and appreciation of individuals who are different than me: 3.22
- Workshops contained information that I can use to strengthen my leadership skills: 3.17

*On a scale where 1 meant a workshop did not have any impact and 4 meant a workshop had a significant impact.*
Alternative Weekend Breaks

MYNAH Technologies and six Missouri S&T students partnered to complete 97 hours of community service!

Missouri S&T students worked alongside volunteers from MYNAH technologies. Students were able to learn what MYNAH technologies does and how that might apply to what they were studying in classes.
Miner Trek
One day Miner Trek to Jefferson City: March 27, 2017

Planned Visits:

- MoDOT
- Tour the Capitol
- Lunch and networking event with Jefferson City Chamber and small, area engineering firms
- Unilever (tentative)
- ABB (tentative)
- Missouri Department of Conservation (tentative)
Greek Academy

Offers skill development opportunities for all members of the fraternity and sorority community.

> New Member Education: 68 participants
  - 80% - of participants indicated an increase in their ability to describe and promote their Greek experience

> Chapter Officer Development: 39 participants
  - 79% - of participants indicated an increase in their ability to assess their role as a leader
  - 86% - of participants indicated an increase in their understanding on how they could impact change within their own chapter

Fraternity & Sorority Life
Community - Growth - Understanding
CAMPUS UPDATE
Corporate Development Council
Chancellor Cheryl B. Schrader, Ph.D.
Mun Y. Choi, Ph.D., named UM System president in November 2016

- Start date: March 1, 2017
- Former provost and executive vice president of the University of Connecticut
- Dean of engineering at UConn, 2008-2012
- B.S. in general engineering, University of Illinois at Urbana-Champaign
- M.A. and Ph.D. in mechanical and aerospace engineering, Princeton University
Missouri revenues decline due to corporate tax cuts

- Current FY: Withholds of $146 million statewide
- $82 million withheld from higher education
- FY18: Reduction of more than $570 million statewide
STeady Enrollment

FALL 2016 Enrollment
- Undergraduates: 6,909
- Graduates: 1,929
- Total: 8,838

*Projected enrollment
We are nurturing a diverse talent pipeline

<table>
<thead>
<tr>
<th></th>
<th>2016 students</th>
<th>% Increase 2015</th>
<th>% Increase 2000</th>
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</thead>
<tbody>
<tr>
<td>Hispanic-Americans</td>
<td>271</td>
<td>4%</td>
<td>388%</td>
</tr>
<tr>
<td>Asian-Americans</td>
<td>298</td>
<td>11%</td>
<td>135%</td>
</tr>
<tr>
<td>Multi-Race/Ethnicity</td>
<td>202</td>
<td>14%</td>
<td>N/A*</td>
</tr>
<tr>
<td>Total Minority</td>
<td>1,112</td>
<td>5%</td>
<td>195%</td>
</tr>
<tr>
<td>Under-represented Minority</td>
<td>740</td>
<td>2%</td>
<td>196%</td>
</tr>
<tr>
<td>Female</td>
<td>2,009</td>
<td>-2%</td>
<td>91%</td>
</tr>
</tbody>
</table>

*Students have been able to identify as multi-race/ethnicity since 2010
STRATEGIC FACULTY HIRES

- Goal to add at least 100 additional faculty by 2020, many in Signature Areas
- We have hired 42 of these faculty
- We have 18 additional faculty searches currently underway (9 of these are in Signature Areas)

Strategic Plan Theme 2: Enhance reputation and raise visibility
EXPERIENTIAL LEARNING

First-year students now required to complete experiential learning component to graduate

Examples of qualifying experiences may include:
- Internships
- Study abroad
- Research
- Community service
- Leadership
- Design teams

Kayla Billadeau, ME ‘13, paraglided in Vancouver, Canada, while working as an intern for ConocoPhillips in Alaska
SUCCESSFUL GRADUATES

Starting salary potential

22nd in the nation public and private
8th in the nation public universities
1st in Missouri public and private

Employer satisfaction with S&T hires is 100%

Undergraduate starting salary: $61,831

Graduate starting salary: $76,632

Strategic Plan Theme 1: Develop and inspire creative thinkers and leaders for lifelong success
CORPORATE PARTNERS

- 3,000 company relationships
- 60+ strategic relationships
  - Student recruitment
  - Sponsored research
  - Distance education
  - Philanthropy
- Save the date for Industry Day: Sept. 25, 2017


**Strategic Plan Theme 3:** Achieve sustainable growth to ensure best return on investment
OUR CHANGING CAMPUS

As enrollment increases, a focus on meeting the needs of students and faculty

**Schrenk Hall**
- Phase 2 renovation project underway

**Kennedy Experimental Mine Building**
- Dedication over Homecoming

**University Commons**
- Residential hall features apartment-style living with 449 beds

**Expanded Dining Options**
- Au Bon Pain; Starbucks; Zatar Mediterranean-style dining

**Advanced Construction and Materials Lab**
- Current project submitted for 50/50 funding from state

**Norwood Hall**
- Maintenance project completed
THANK YOU
Campus Master Plan
Conditions

Edge Conditions
- Campus Barriers
- Campus Edges

Campus Access
- Campus Gateways
- Campus Entry

Building Condition
- Excellent Condition
- Poor Condition

Survey Results
- Most Representative of Missouri S & T
- Least Favorite Building on Campus
- Favorite Outdoor Space / Most Active
- Space Most Deserving of Improvement
- Most Time Spent on Campus
Master Plan Drivers

Strategic Plan Themes

> Develop and inspire creative thinkers and leaders
> Enhance reputation and visibility
> Achieve sustainable growth to ensure return on investment
> Increase interaction with renowned faculty, staff and services
Additional Plan Drivers

Other plan drivers:

> Improve safety along Bishop Avenue (Hwy. 63)
> Renovate and right-size facilities to improve utilization
> Reduce deferred maintenance
> Define campus arrival district
> Library district
> Residential/mixed-use districts
> Athletics/recreation improvements
Master Plan

Campus Arrival District

- Entrance at Bishop
- Event/Exhibit space, student life, admissions
- Features research
- Features Rolla Building
Master Plan

Academic Space
Master Plan

Library/Learning Commons

- Learning commons and student success services
- Food service, outdoor dining, expanded seating
Master Plan

Student Housing
Master Plan

Connecting Downtown
Master Plan

Connecting Downtown

> Mixed-use housing, retail and services along Pine Street edge of campus
> Integrated streetscapes
> Sustainable development
Master Plan

Athletics and Recreation
Master Plan

Athletics and Recreation

- Expand field space and support facilities
- Replace golf course
- New field house
- New lockers and offices
Master Plan

Safety Improvements
Master Plan

Safety Improvements

> Pedestrian bridges over Bishop at 10\textsuperscript{th} Street, University Drive
> Control pedestrian crossings
> Close 11\textsuperscript{th} Street
> New signal at Miner Circle
Master Plan

> Define campus arrival district
> Library district
> Residential/mixed-use districts
> Athletics/recreation improvements
Master Plan Priorities: Phase 1

> Schrenk Hall Renovation
  – $18,000,000 - Partial funding with from State and University
  – Renovation underway

> Advanced Construction Materials Lab Expansion
  – Submitted to State as a 50/50 Match Project

> Engineering Research Lab Renovation and Addition
  – Partial renovation in progress

> Library/Learning Commons
  – Phased upgrades underway

> Experimental Mines Building
  – Substantially complete
Master Plan Priorities: Phase 1

> Painted Street
  – Replaced with Promenade

> Residential Complex
  – Opened Fall 2016

> 11th Street – Student Diversity, Outreach and Women’s Programs
  – Opened

> Campus Gateway
  – Considered with Rolla Transportation Study

> Arrival District North
  – Planning for moving occupants from BOM buildings

> TDD
  – Projects will improve safety and access
Master Plan Priorities: Phase 1

> Bureau of Mines Building 1
> Athletic Fields Complex
> Havener Center Renovation & Expansion
Campus Master Plan
Fall Meeting Breakout Session Recap

> CASB majors- expanding recruitment
  - Informing employers about CASB skill sets
  - COER presentations to CASB students about benefits of networking and showcasing specific skills to employers
  - COER coordinated engagement opportunities between employers and CASB students/classes

> Industry mentor programs and/or leadership institutes
  - LCP shared industry affinity group and professional development opportunities with Missouri S&T’s CCDI
  - Incorporated in leadership advising
Fall Meeting Breakout Session Recap

> Employers encouraging employees to give back to organizations - tied to lifelong engagement

  - Student Life began incorporating stewardship themes into training topics
  - Increased service programs around Rolla
Round Table Discussions

> Planning a Volunteer Program
  – Facilitator: John Gallagher, Director for Student Life
  > SILC Conference Room

> Best Practices for Engaging Students
  – Facilitator: Edna Grover-Bisker, Director for Career Opportunities & Employer Relations
    > Group A: Carver Room
  – Julie Pittser, Associate Director for Career Opportunities & Employer Relations
    > Group B: Turner Room

> Effective Diversity Initiatives
  – Facilitators: Anitra Rivera, Director for Special Projects with Human Resources, Equity and Inclusion and Jerri Arnold-Cook, Director for Leadership & Cultural Programs
    > St. Pat’s Ballroom C
Corporate Relations Update
John Eash
Executive Director - Corporate Relations
Major Accomplishments

- Connect industry needs with university assets through engagement
  - Total number of companies increased by 408 (16% increase)
  - 19 current companies increased their engagement
  - Number of strategic companies (multiple touch points) increased from 52 to 60 (15% increase)
  - 15 new strategic companies

- Industry Day 2016
- Customer Relationship Management (CRM) Database

Increasing Corporate Engagement is a Team Effort!
Going Forward

- Continue growing corporate relationships
  - Research, Distance Education, Student Recruitment
  - Existing and new partnerships
  - Department Chair and Research Center inputs

- CRM Implementation

- Industry Day 2017 – 25 September
  - Compliments the Career Fair on September 26, 2017

Increase Overall Corporate Engagement Across Campus
Lunch Topic

*How important is interpersonal communication in the work environment?*
Student Leading Student Presenters

> Student Leaders in Athletics and Recreation
  – Riley Cronin, President of M-Club Student-Athlete Service Organization
  – Brandon Moore, Recreation Student Supervisors
  – Stuart Mossop, President of Student Athlete Advisory Council (SAAC)

> Catalyst: Peer Mentor Training
  – Jonathan Colgan, Mentor for Leadership and Recruitment for Miner Challenge
  – Fola Opakunle, Program Assistant for Leadership & Cultural Programs
Student Leaders in Athletics and Recreation
The Core

> NCAA D2, the GLVC, and Missouri S&T Athletics are centered around three areas critical to student-athlete development for life.

1. Academic success
2. Athletic success
3. Leadership and service for others
Academic Success

Miner student-athletes graduate at a higher rate than the general student body.
Missouri S&T ranks #5 all-time in NCAA Division II in the number of student-athletes to earn Academic All-America honors with over half of those coming since 2005.
Academic All-America

1970-79  2
1980-89  8
1990-99  14
2000-09  31
2010-16  33*

*to date
Athletic Success

> Since joining the GLVC we have seen unprecedented success in our programs.

> Ten different teams have qualified for post-season NCAA tournament competition.

> Multiple teams have won conference championships.

> Individual student-athletes have won numerous conference championships and one student-athlete was a national champion.
<table>
<thead>
<tr>
<th>Year</th>
<th>Number of All-Americans</th>
</tr>
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<tbody>
<tr>
<td>2011-12</td>
<td>3</td>
</tr>
<tr>
<td>2012-13</td>
<td>6</td>
</tr>
<tr>
<td>2013-14</td>
<td>9</td>
</tr>
<tr>
<td>2014-15</td>
<td>7</td>
</tr>
<tr>
<td>2015-16</td>
<td>10</td>
</tr>
</tbody>
</table>
GLVC Individual Champions

<table>
<thead>
<tr>
<th>Year</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-11</td>
<td>8</td>
</tr>
<tr>
<td>2011-12</td>
<td>5</td>
</tr>
<tr>
<td>2012-13</td>
<td>5</td>
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<td>2013-14</td>
<td>12</td>
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<td>12</td>
</tr>
<tr>
<td>2015-16</td>
<td>12</td>
</tr>
</tbody>
</table>
Student-Athlete Service

- M-Club
- SAAC
- Teams

Community Service

MISSOURI S&T
M-Club

Student-athletes service organization

- Founded in 1939
- Primary mission
  - Service to the department
  - Service to the campus
  - Service to the community
M-Club

> Creating a community for Athletes
  – Supporting other teams and building relationships
  – M-Club Meetings and Activities
M-Club

> Spring Fundraiser for Make-A-Wish
– Minute to Win it
M-Club

> Service

- St. James Animal Shelter
- Volunteering at home Track and Field and Cross Country Meets
- Blood Drives
- Volunteering on and off campus for various service opportunities
Student-Athlete Advisory Committee

> Membership includes two leaders from each intercollegiate team
  
  – Every NCAA institution has a SAAC and it is built into the conference and NCAA governance structure

  – Primary mission
    
    > Serve as advisory group for the Athletic Department administration
    
    > Service to the campus and community
Advisory Duties

- Review and vote on potential NCAA and GLVC legislation
- Give input and suggestions regarding facility needs and planning
Community Service

Each athletics team performs at least one service project each semester.
Make-A-Wish fundraising

> SAAC participates in fundraising for the Make-A-Wish foundation each year.

> Missouri S&T ranked 8th nationally in Make-A-Wish fundraising in NCAA Division II in 2015 with over $9000 that led the GLVC member institutions.
GLVC SAAC Challenge

> A total of point values assigned for each school’s:
  – Service events
  – Fundraising
  – Academic All-Conference representatives
  – GLVC Scholar-Athlete of the Year honorees

> Missouri S&T won the SAAC challenge in 2015
> Some Stats:
  – Nearly 8 million students playing high school sports
  – Only approximately 480,000 will end up going to play sports in college

94%
Intramural participation was at an all-time high this past year.

- 7417 entries in intramural activities this past year
- 1056 teams participated in the team sports last year
- In addition, there are many informal recreational activities available
Goal of the Program

> **Opportunity** (n)- a good position, chance, or prospect that helps lead someone toward advancement and success

- Intramural/rec center participants
- Intramural/rec center employees
- Missouri S&T faculty/staff
Student Leadership Levels

Although the program is managed by full-time staff, it is largely administered by student leaders

> Intramural Sports
  - Sport Official - Entry Level
  - Scorekeeper - Entry Level
  - Lead Official - Secondary Level
  - IM Supervisor - Highest Student Position

> Student Rec Center
  - Court Monitor (Work Study) - Entry Level
  - Equipment Desk Attendant - Secondary Level
  - Building Supervisor - Highest Student Position
Training Program

- Overview of Recreation
- Program and Personal Goals
- Organization Chart
- Expectations for Supervisors
- Intramural Sports Overview
- Policies and Procedures
- Emergency Action Plan/Inclement Weather
- Professionalism
- Peer evaluation
- Event Management
- Diversity Training
- Risk Management
- Conflict Resolution
- Safety and crowd control
- Ejection Reports
- Scenarios
- Communication
- Peer evaluation
- Radio Communication
Intramural Service Events

> Fall
  – Swishes For Wishes 3 v 3 Basketball Tournament Make A Wish Foundation
  – Big Pink Volleyball - Proceeds go to Breast Cancer Awareness and Research
  – Futsal Tournament - Russell House

> Spring
  – 4v4 Volleyball Tournament – Proceeds go to Engineers without Borders
Promoting Service

Service videos

- RESPECT video involving eleven student-athletes
- Joey’s Day Wish Reveal
  > https://youtu.be/R7drPfNh5JQ
  > https://youtu.be/yrF2aOiJwKU
Academics-Athletics-Service-Leadership
A Winning Combination the Miner Way

MINER PRIDE
MINER TOUGH
Questions?
Catalyst: Peer Mentor Training

- Chancellor’s Leadership Academy Coordinators
- Emerging Leaders’ Institute Peer Mentors
- Greek Captains
- Organizational Leaders’ Institute Peer Mentors
- Peer Involvement Advisors
- Resident Assistants
- Student Diversity Peer Mentors
Engagement Activities

Option 1: Record Practice Interview Questions, Havener Center, Turner Room

Option 2: Tour: Distance Education Facilities and Classroom, Computer Science Building
Engagement Opportunity: Mentor a Missouri S&T Student

Go to career.mst.edu & Click on the Mentor a Miner tab

Select the “Become A Mentor” option

Fill out personal information

Fill out employment information

Fill out education information

Identify University Affiliation

Once your profile is completed, save and log in to your account! Use the Tool Bar to navigate page.

Sponsored by: Career Opportunities and Employer Relations (COER)
Spring 2017 Engagement Opportunities

> Leadership and Cultural Programs: Contact Dr. Jerri Arnold-Cook, arnoldcookj@mst.edu
  - Emerging Leaders’ Institute speaker on ‘Leadership in the Workplace’
    > Spring Semester on a Monday or Thursday at 4PM: Dates Negotiable
  - Emerging Leaders’ Institute and Organizational Leaders’ Institute speaker on ‘Successful Project Management’
    > Spring Semester on Monday, Tuesday, or Thursday at 5PM: Dates Negotiable

> Student Life: Contact John Gallagher, gallagherjo@mst.edu
  - Miner Challenge Break Trips are traveling March 26 – April 1, if you’re in Chicago, Biloxi, or near San Antonio or Houston, there’s a spring break trip near you. Visitors are welcome!
Fall 2017 Engagement Opportunities

> Student Affairs: Contact Sara Lindeman, stryffelers@mst.edu
  > The Professional in You training (for on-campus student employees):
    October 3, 2017 from 5:30-8:30 PM
    > Opportunities to present, serve on an employer panel, and/or provide the
      training keynote!

> Student Life: Contact John Gallagher, gallagherjo@mst.edu
  > Stand Up Stand Out (women’s empowerment and leadership program):
    Fall 2017
    > Members can be a sponsor, presenter, or attendee.
Lightning Rod Wrap-Up
Leadership Transition

Thank you Dave Akers for serving as CDC Chair for the past 2 years.

Welcome Jeremiah King on your new role as CDC Chair!
Student Engagement Activities TODAY!

- Ethics Panel Sponsored by Leadership and Cultural Programs, 3:30-4:30 PM, Havener Center, Ozark Room
- Start-ups- Miners making a leap into business Sponsored by Student Life, 3:30-4:30 PM, Havener Center, Carver Room
- Etiquette Dinner Sponsored by Career Opportunities and Employer Relations, 4:45-7:00 PM, Havener Center, St. Pat’s Ballroom A&B
Mark Your Calendars for the Next CDC Meeting
Wednesday, September 13, 2017

Hosted by:
Office of the Vice Chancellor of Student Affairs