ENGAGING ALUMNI AND EMPLOYERS TO PREPARE S&T STUDENTS FOR SUCCESS IN THE CORPORATE WORLD

Corporate Development Council
2014 CDC CORPORATE MEMBERS

** Members Attending

ACCENTURE
ADM
ALCOA/DAVENPORT WORKS**
AMEREN**
ANHEUSER-BUSH INC.
ARCO**
ASSOCIATED ELECTRIC COOP.**
AT&T**
BELL HELICOPTER-TEXTRON
BLACK & VEATCH**
BLUEFIELD PROCESS SAFETY
BOEING**
BRINKMANN CONSTRUCTORS**
BURNS & MCDONNELL**
CAT**
CERNER CORPORATE CODE CONSULTANTS**
CONOCOPHILLIPS
EFCO
EMERSON
EMPIRE DISTRICT ELECTRIC**
EXPRESS SCRIPTS**
EXXONMOBIL
GARMIN
GENERAL MOTORS
HALLIBURTON
HONEYWELL**
INTELLIGRATED
J.E. DUNN
LUMINANT POWER
MALLINCKRODT PHARMACEUTICALS**
MARATHON PETROLEUM**
MASTERCARD
NOOTER/ERIKSEN
NUCOR-YAMATO STEEL**
OMAHA PUBLIC POWER DISTRICT
PELLA CORPORATION**
PHILLIPS66
SCHLUMBERGER
UNION PACIFIC**
UNITED STATES STEEL**
VEOLIA WATER SOLUTIONS
WATLOW ELECTRIC MFG.
CDC 2013-14 IN REVIEW

- Student Leadership Conference
- Miner Challenge
- Externship Program
- Etiquette Dinner
- Backpack to Briefcase
2014 Participants
- Accenture
- Afton Chemical
- AmerenUE
- Black & Veatch
- The Boeing Company
- Cargill
- Covenant Engineering
- General Motors
- Legget & Platt
- Mallinckrodt Pharm.
- Nucor
- TEK Systems

136 students
12 companies

2015 Conference
February 7, 2015
- INTERACTIVE OPENING WITH TUTORIAL
  - NETWORKING
  - POWER INTRODUCTIONS
- SESSIONS
  - EMPLOYER PANEL
  - 6 WORKSHOPS
- EMPLOYER LUNCHEON
- POST CONFERENCE SESSION WITH KEYNOTE SPEAKER
Tuesdays in November

- Developing Professional Teams
- Managing Your Boss
- Making the Grade on Performance Reviews
- Giving and Receiving Feedback

Co-sponsored with COER

Getting ready to succeed in the workplace

- Working with diverse individuals
- Corporate cultures
- How cultural differences impact the workplace
MINER CHALLENGE

Ways to get involved

• $25,000 fundraising goal
• Corporate sponsorship
• Need based scholarships

2014 Trips

• Jinotega, Nicaragua
• Moore, Oklahoma
• Boulder, Colorado
• Austin, Texas

58 students

• 87% increase since 2012

2015 Trips

CENTRAL AMERICA
• Environmental and community development

PITTSBURGH, PA
• Homeless and hunger

HATTIESBURG, MS
• Disaster relief

CHICAGO, IL
• Community Development

LITTLE ROCK, AR
• Early childhood education
Interested in talking with students about their future?

CDC Mini Sessions

<p>| | |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>Spring 2014</td>
<td>7</td>
</tr>
<tr>
<td>Fall 2014</td>
<td>5</td>
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</tbody>
</table>

“We have connections. We’ve been there. We know people.”
- Ranney McDonough, CE’66

- Help navigate the career search journey
- Choose frequency of contact
- Search by keyword, industry, and job function
Externship Program
Corporate job shadowing learning experience for students during spring break

Etiquette Dinner
March 3, 2015, 5-7pm
Prepares students for career readiness through a formal dining experience

Engage with 60-100 students
• Serve as a table host
• Sponsorship opportunities
Web-based practice interview program
• Cost-effective method to promote your organization
• Assist students in their professional development
• Significant degree of employer engagement
COER PARTNER OPPORTUNITIES

Professional Development Presentations
Co-present at one of the forty career-related seminars

Interview Suite Sponsorship
Gain marketing exposure and the ability to host on-campus interviews in your suite

Partnership Program
Join our Partnership Program to make your employer brand a household name at Missouri S&T

Employer Event
Impactful engagement strategy as a way to network with students in an informal setting
CDC Spring 2015 Meeting
February 16, 2015
CAMPUS UPDATE

CHANCELLOR CHERYL B. SCHRADER, PH.D.

SEPTEMBER 10, 2014
86% increase in total enrollment since 2000

131% increase in graduate students

*Based on preliminary FY14 data
### ONE-YEAR DEMOGRAPHIC SHIFTS

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage Change</th>
</tr>
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<tbody>
<tr>
<td>Total enrollment</td>
<td>↑5.8%</td>
</tr>
<tr>
<td>Under-represented minority students</td>
<td>↑8%</td>
</tr>
<tr>
<td>Female students</td>
<td>↑6%</td>
</tr>
<tr>
<td>Graduate students</td>
<td>↑10%</td>
</tr>
<tr>
<td>Non-resident international students</td>
<td>↑22%</td>
</tr>
<tr>
<td>Out-of-state students</td>
<td>↑8%</td>
</tr>
<tr>
<td>Distance and online students</td>
<td>↑8%</td>
</tr>
</tbody>
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*Based on preliminary FY14 data*
New freshmen hail from 36 states

6,450 Undergraduate
2,150 Graduate

8,600 Students*

* Projected

Five countries are represented by S&T international students in freshman class
ACT averages for incoming freshmen

*Based on preliminary FY14 data
97% academic reputation
96% degrees and programs available
86% available technology
85% smaller class sizes
84% financial aid/scholarships
*Based on preliminary FY14 data
Dedication ceremony is scheduled for St. Pat’s 2015

James E. Bertelsmeyer Hall
- Home to Department of Chemical and Biochemical Engineering

Hassellmann Alumni House
- Dedication ceremony is scheduled for St. Pat’s 2015
OTHER CHANGES OVER SUMMER — EXTERNAL

- **Geothermal project**
  Nearly complete; power plant decommissioned in May

- **Artificial Turf**
  Installed in Allgood-Bailey Stadium, intramural field

- **Havener Promenade**
  Area identified through our campus master plan as most in need of improvement

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Cheryl B. Schrader @SandTChancellor - Aug 22

12 – One word: Turf! Here’s a recent photo from @SandTFootball of the stadium: pic.twitter.com/sEBHLbePkJE #14for14 #GoMiners
### Other Changes Over Summer — Internal

**New structure**
- College of Arts, Sciences, and Business
- College of Engineering and Computing

**New leaders**
- Leaders named at left
- Kent Wray began new role as vice chancellor for global and strategic partnerships in July

**New academic programs**
- Credential in elementary STEM education
- Doctoral program in explosives engineering

<table>
<thead>
<tr>
<th>Robert Marley, formerly interim vice president for student success, Montana State University</th>
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</thead>
<tbody>
<tr>
<td>Ian Ferguson, formerly professor and chair of electrical and computer engineering, University of North Carolina at Charlotte</td>
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<tr>
<td>Stephen Roberts, formerly professor and chair of biology, Central Michigan University</td>
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<tr>
<td>Provost and executive vice provost College of Engineering and Computing</td>
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<tr>
<td>Dean and vice provost College of Engineering and Computing</td>
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<tr>
<td>Dean and vice provost College of Arts, Sciences, and Business</td>
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<tr>
<td>Anniversary</td>
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</tr>
<tr>
<td>30th Anniversary</td>
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<tr>
<td>40th Anniversary</td>
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<td>40th Anniversary</td>
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<tr>
<td>50th Anniversary</td>
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</tbody>
</table>
A biological sciences student works with associate professor David Westenberg to develop glass that can kill bacteria and heal wounds.
#3
• Best Engineering Schools
  • *College Factual, as reported in USA Today August 2014*

$61,400
• Average starting salary for undergraduates

#5 ROI
• A top return on investment among public universities
  • *PayScale, March 2014*
We strive to provide maximum return on investment - for our students, the employers who hire them, and our supporters.

RISING TO THE CHALLENGE: MISSOURI S&T’S STRATEGY FOR SUCCESS
Faced with tightening budgets, technological disruption and increased public debate about the value of a college degree, institutions everywhere are coming to the realization that the days of 'business as usual' are quickly drawing to a close.

Visit strategicplan.edu to view our complete plan
SIGNATURE AREAS

Advanced Manufacturing

Advanced Materials for Sustainable Infrastructure

Enabling Materials for Extreme Environments

Smart Living
You’re the key to our future.
ETHICS SCENARIOS - COULD THIS BE YOU?
- Evening role-playing event covering ethical scenarios grads are likely to encounter

MENTOR A MINER
- Existing event that provides access to multiple professionals in a ‘speed-dating’ format

ENGAGING STUDENTS IN INDUSTRY-LED PROJECTS
- Working with faculty and administration, develop a process and list of projects of interest to CDC member companies that enable engagement of students with industry

STUDENTS LEADING STUDENTS
- Juniors and seniors lead a group of freshman to accomplish a task in alignment with the goals of a charitable/service organization, technical society, or possibly an MS&T initiative.