**Vision**

To transform the LSU Construction Management Department into a nationally renowned School of Construction.

**Mission**

Bert S. Turner Department of Construction Management Mission - To prepare our graduates with the ability to lead and problem-solve, to advance construction knowledge through research and scholarly activities, and to serve the communities through outreach...all in partnership with industry.

**Executive Summary for CY 2016**

**Research - Infrastructure**

Construction Management lead the Louisiana Chemical Manufacturing Initiative (LCMI) that received the “Investing in Manufacturing Communities Partnership” (IMCP) designation from the U.S. Department of Commerce in July 2015. LCMI’s mission is to bring all stakeholders together to cultivate relationships and to brainstorm strategies to advance the chemical manufacturing ecosystem in South Louisiana. LCMI engages its partners through multiple means including task force meetings, special workshops, conferences, and emails/newsletters. Five Task Forces were developed supply network, infrastructure, research/innovation, workforce, and international trade). Each has about 10-15 industry members who attend quarterly meetings. A collaborative Leadership Advisory Committee was also developed to assist in maturing the Initiative. It consists of twelve leaders from government, academia, and industry.

In April 2015, Deputy Assistant Secretary of Commerce and COO for the Economic Development Administration, Matt Erskine and Co-Chairman of the Delta Regional Authority, Chris Masingill. Erskine and Masingill were able to tour the Shell Geismar facility to get a first-hand look at the scale of the chemical industry in the region. Following the facility tour, Erskine and Masingill were able to sit down with LCMI partners in a roundtable discussion. Topics of discussion included workforce and training efforts, technological gaps in the chemical industry, and the impact of energy prices on chemical manufacturing. Comments from attendees included that the LCMI leaders represented a great Louisiana "gumbo" and LCMI's efforts as "something that we should have done but haven't done in generations in Louisiana."

LCMI celebrated its one-year anniversary at a conference on Wednesday, September 21st, 2016 at the Renaissance Hotel Baton Rouge with a total of 140 people attended. LCMI received a $4,000 award from the Oak Ridge Associated Universities (ORAU) to host the conference. In addition, the Delta Regional Authority (DRA) sponsored another $4,000 toward the costs of the conference. The half-day conference consisted of four sessions: opening, panel discussion on opportunities and challenges facing the petrochemical industry, keynote address, and panel discussion on workforce and training. The conference provided the LCMI Leadership Advisory Council (LAC) and its 90 partners a forum to exchange ideas on what individual partners can do in order to advance the LCMI's core mission. A report is available for the conference. There were 144 registered industry attendees. The LCMI lead to three other centers:

- The US Department of Commerce, Economic Development Administration funded the Louisiana State University - Industrial Innovation Center (LSU-IIC). The mission of the LSU-IIC is to work with its industry partners to identify specific technological needs amongst three technology user groups: industrial contractors, plant operators, and workforce training. LSU-IIC will establish an innovation think tank to facilitate identifying technology needs of industry and finding innovative solutions. The LSU-IIC will leverage the LCMI existing partnership to accelerate industrial innovation in the 200 mile Louisiana chemical corridor. The LSU-IIC and LCMI will improve and advance the chemical manufacturing ecosystem.
The US Department of Energy, funded the Louisiana State University – Industrial Assessment Center (LSU-IAC). The LSU-IAC's mission is to provide free assessments and improvement recommendations on energy efficiency, productivity, sustainability, and competitiveness to small and medium-sized enterprises; and to educate and train engineering students with applied energy and manufacturing-related skills. The LSU-IAC will leverage existing LCMI partners and small & medium sized manufacturers in Louisiana, in particular in remote and economically disadvantaged communities, to provide its assessment services to address the need of operational improvement. In addition, the LSU-IAC will provide a unique skill-set to students participating in the program. All students will be trained with applied energy and manufacturing-related skills with these essential elements: basic knowledge, assessment experience, training in tools and other resources related to industrial energy systems, and professional exposure. Eleven LSU engineering students are hired for conducting planned assessment. The LSU-IAC will conduct at least 17 free assessments to small-medium sized enterprises annually to help them improve energy efficiency and production efficiency.

A consortium of universities led by LSU has been awarded a grant from the U.S. Department of Transportation to establish a regional transportation research center. The Transportation Consortium of South-Central States, or Tran-SET, will focus on improving transportation infrastructure through the use of innovative materials and technology. It aims to support all phases of research, technology transfer, workforce development and outreach activities of emerging technologies that can solve transportation challenges in the region.

Student Population and Retention

The Department has once again aggressively grown all academic programs with over 880 students seeking some form of a CM degree...this is the largest student body in Departmental history. The Master of Science in Construction Management (MSCM) program has 54 active online students and 12 campus students. The PhD in Engineering Science with a concentration in CM has 22 funded students and 7 TAs. This totals 75 graduates enrolled in the Department. The Post-Baccalaureate Certificate in CM has over 180 students in the program with 110-120 consistently enrolling into each Module. According to the Fall 2016 fourteen-day roster, there are 614 students seeking a CM undergraduate degree. During the 2015 calendar year, the Department graduated 213 students from the BSCM, MSCM, and PBC programs. This is another record for the Department. Our focus for next year is to continue this growth rate by heavily marketing our degrees while ensuring high quality teaching standards that can give us a competitive advantage. Also, a side but related note, CM has one of the highest college retention numbers for campus students. We have the highest LSU Online retention and lead-to-application numbers as compared to the other university programs.

Accreditation

The MSCM was successfully accredited American Council for Construction Education (ACCE) in July 2016. The MSCM is one of five ACCE accredited graduate programs in the US. The other others are housed in Clemson University, Texas A&M University, Wentworth Institute of Technology, and Kennesaw State University. There were three issues – the use of non-budgeted funds for operate the Department, lack of involvement in the graduate programs by the Construction Industry Advisory Board and LSU's antiquated software system. The undergraduate program was scheduled for a campus visit on March 10, 2017.

Quality Improvement

For the most part, CM is successfully contributing to the college's Goals while meeting the vast majority of its own Departmental goals. There are four areas showing issues – lack of state funds to operate the Department, research dollars, increasing enrollments, and a small number of tenure or tenure track faculty.

The total number of faculty in the Department remains a problem as it is affecting the decline in research funding and the increase in teaching loads (based on 2015-16 LSU Budget and Planning metrics):

- Research expenditures per tenure/tenure track faculty: CoE - $180,287 vs CM - $71,379
- Majors per total Faculty: CoE - 43.9 vs CM – 73.95*
- Student Credit Hours per Total Faculty: CoE – 596.9 vs CM – 1264.2*
- Degree per Total Faculty: CoE – 6.7 vs CM – 19.3*

*calculated using faculty lines in the machine run budget; excludes positions that are funded by soft money.

Compared to last year, the Department experienced a 25.4% growth in student enrollment. As noted in the last cycle, We have to cover 71 campus course sections per year at the undergraduate and graduate levels (note: this total excludes LSU Online courses with 18 sections per year). Our current budgeted capacity is 45 sections (7 tenure/tenure track FTE @ 3 sections per year; 3 instructors FTE @ 8 sections per year). Soft money from industry, salary savings, LSU Online, and research rebate is used to fund adjuncts (5), temporary full-time instructors (2), and graduate teaching assistants (7). These soft money (non-budgeted) positions cover 36% (down 5% from last year) of our total teaching load and while an approximate average annual cost now reaching around $302, 592 (this includes LSU recovering fringe benefits of 28% from the Foundation accounts). The high work load and the low number of tenure/tenure track faculty can be attributed to the low research expenditures. Based on college averages and the means by which LSU last determined faculty WISE positions, the Department needs at least 5 new faculty lines added to their state budget...and this is to just catch up (note: this number excludes growth). We are the only Department in the College not hiring faculty this year.

The construction industry has been gracious, allowing us to use a significant amount of their contributions to help fund our teaching load; however, they clearly stated to us that this should be a “temporary fix”. They believe it is the job of the university to provide faculty for teaching. Accreditation standards reflect this view as they see financing for the construction unit as an indication of administrative support as noted in the MSCM ACCE accreditation report. An essential element of their visit to the university is to determine whether or not non-budgeted funds are used to replace institutional funds.
1.0 Solve Louisiana's Greatest Challenges

Objectives

1.1 Develop cost-effective and environmentally friendly sources of energy; Create solutions to save our coast and waterways; Engineer better healthcare; Provide a safer and more cost-effective national infrastructure; Improve America's manufacturing competitiveness.

1.1.1 Develop a formal operational structure through the development of a research network within the College to facilitate interdisciplinary, collaborative efforts in the following areas: sustainability, safety, resiliency, buildings, manufacturing facilities, roads and bridges, power plants, electrical grids, computing systems, software, cybersecurity, informatics systems, intelligent systems and visualization technology.

1.1.2 Build lasting relationships with funding agencies interested in infrastructure, and obtain stable funding in support of faculty research.

1.1.3 Through the U.S. Department of Commerce's Investing in Manufacturing Communities Partnership (IMCP) designation, the Smart Industrial Manufacturing Institute (SIMI) will be established to leverage the broad partnership of 83 leading organizations across all sectors of the petrochemical industries in Louisiana.

1.1.4 Nurture collaborative relationships with owners and operators of critical infrastructural systems in Louisiana, including, but not limited to, electrical power industry, grid operators, government agencies of the road network and other public infrastructural systems.

1.1.5 Build university and industry-cooperative research initiatives, teams and centers.

Strategic Directive

As Louisiana's flagship institution, it's our responsibility to solve the challenges facing the region and nation. The College of Engineering welcomes the opportunity to develop solutions to challenges in these five areas—energy, coast and waterways, healthcare, infrastructure, and manufacturing—to improve the everyday lives of our citizens.

- Develop cost-effective and environmentally friendly sources of energy
- Create solutions to save our coast and waterways
- Engineer better healthcare
- Provide a safer and more cost-effective national infrastructure
- Improve America's manufacturing competitiveness
Analysis

Many of the objectives in the area of Infrastructure are meeting or exceeding targets due to the Louisiana Chemical Manufacturing Initiative lead by this Department. The Louisiana Chemical Manufacturing Initiative (LCMI) received the “Investing in manufacturing Communities Partnership” (IMCP) designation from the U.S. Department of Commerce in July 2015. LCMI’s mission is to bring all stakeholders together to cultivate relationships and to brainstorm strategies to advance the chemical manufacturing ecosystem in South Louisiana. This has resulting in over $75,000,000 in awarded federal dollars to LSU and the state. During this cycle, the Department put much of its resources is collaborative efforts to leverage the LCMI by submitting over a dozen proposals. Trends indicate many Departmental targets will be met; however, increased research funding could be realized if the Department had more research faculty. In addition, this has limited our ability to develop a formal collaborative research area for CoE faculty formally.

Recommendations

Even with the recent research successes, the Department is lacking in research faculty as compared to other units. A hiring plan need to be developed that focuses on CoE goals and objectives. The Department can greatly assist in almost all areas of research identified by the College. It is also recommended to move the LCMI to ORED for a broader exposure, resources, and space. This should provide a greater venue for partnerships and collaborations than inside the College and more research dollars.

Action Items

- Develop plan to acquire new faculty lines
  Cnst Management
  1/3/17 - 12/30/17
  CoE 2016

- Organize a college wide workshop to formalize collaboration
  Cnst Management
  1/3/17 - 5/3/18
  CoE 2016

- Develop Institute under ORED
  Cnst Management
  1/3/17 - 8/3/17
  CoE 2016

- Obtain approvals for a PhD in Construction Management
  Cnst Management
  1/3/17 - 5/5/20
  CoE 2016

Attachments
1.1 Develop cost-effective and environmentally friendly sources of energy; Create solutions to save our coast and waterways; Engineer better healthcare; Provide a safer and more cost-effective national infrastructure; Improve America’s manufacturing competitiveness.

Strategic Goals

**Energy:** Energy is essential to the progression of life. But how we harvest energy and convert it into useful products with minimal side effects continues to challenge modern society. Our researchers will develop cost-effective energy solutions and employ new technologies to enhance the production and safety of energy while minimizing environmental impacts.

**Coast & Waterways:** Much of Louisiana’s economy depends on the health of our wetland and waterways. From commercial fishing, shipping and commerce to offshore oil fields and refineries—Louisiana’s long-term economic vitality depends on engineered solutions that conserve our coast and environment. Through research and innovation, we will seek solutions that protect and nourish our natural infrastructure.

**Healthcare:** Engineers solve society’s problems, make ideas reality and generate prosperity that improves the quality of life. But, perhaps an engineer’s work is most relevant when it involves life itself. We will identify innovative solutions to diagnose, treat and cure some of the world’s toughest medical challenges.

**Infrastructure:** Digital and built infrastructure is critical to economic growth and competitiveness. Without it commerce comes to a standstill. To ensure the economic vitality of our state and nation, we will invest in research and development that improves our industrial and information technology infrastructure.

**Manufacturing:** In a fiercely competitive marketplace, research and development is only one piece of a larger strategy that leverages the collective resources of government, industry and academia to advance innovation. The National Center of Advanced Manufacturing which is building the next generation of spacecraft to take mankind into deep space is one example of how LSU will partner with government and industry to provide advanced manufacturing solutions to industry-relevant problems. Objectives:

Strategic Directive

**Energy:** Provide fundamental and applied advances to improve energy efficiency, power generation, oil & gas production, energy storage and energy transformations while mitigating harmful effects on our environment and climate.

**Coast & Waterways:** Establish LSU as one of the eminent programs in Coastal Engineering and Water Management, which will produce fundamental knowledge and cutting-edge technologies, and in turn, solutions to save our coast and waterways.

**Healthcare:** To provide effective solutions for advanced healthcare and improved human wellness, by strengthening the College’s Innovation in biomedical engineering and biotechnologies.

**Infrastructure:** Forge a college-wide multidisciplinary strategy to provide more sustainable and resilient infrastructural systems for the State and the nation. Develop and enhance partnerships with industries and agencies at the regional and national levels.

**Manufacturing:** Position Louisiana as a regional force in manufacturing research and development by providing diversity to the manufacturing base and modernizing the existing one, emphasizing value-added products.
Measures

<table>
<thead>
<tr>
<th>Measure</th>
<th>Category</th>
<th>Year</th>
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<tbody>
<tr>
<td>Total Number of Newly Funded Proposals Related to Energy</td>
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<td>FY15-16</td>
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<tr>
<td>Total Number of Newly Funded Proposals Related to Infrastructure</td>
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<tr>
<td>Total Number of Refereed Publications</td>
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<td>Dec-15</td>
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<tr>
<td>Total Number of Patents Awards</td>
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<td>FY15-16</td>
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<tr>
<td>Total Number of Invention Disclosures</td>
<td>Cnst Management</td>
<td>FY15-16</td>
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<tr>
<td>Research Expenditures - Private</td>
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<td>FY15-16</td>
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<tr>
<td>Total Amount of proposals submitted</td>
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<td>FY15-16</td>
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<tr>
<td>Research Expenditures - Federal</td>
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<td>FY15-16</td>
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<tr>
<td>New sponsored program award funding per tenure/tenure-track faculty</td>
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<td>FY15-16</td>
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<tr>
<td>Total $ new sponsored program award funding</td>
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<td>FY15-16</td>
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<td>Total number of sponsored programs funded over $500k</td>
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<td>FY15-16</td>
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<td>Total sponsored program expenditures</td>
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<td>FY15-16</td>
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<tr>
<td>New sponsored program expenditures by tenure/tenure-track faculty</td>
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<td>FY15-16</td>
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<td>Number of Refereed Journal Publications per Tenure/Tenure-Track Faculty</td>
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Analysis

Proposal writing and journal publications are at or above targets because they are based on the number of faculty. Other measures are not meeting targets; however, trends are positive in spite of being one of the largest student populations with the least number of researchers. The initiatives from the last cycle were completed and successes are being realized for this next cycle.

Recommendations

Hire new research faculty and develop a research institute under ORED to obtain the resources needed to expand the research needs of the department. Also, to contribute to the concept of working across disciplines, there need to be a formalized operation that facilitates collaborative efforts.

Owner

Chuck Berryman (Construction Management)
## Action Items

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<tr>
<th>Action Item</th>
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## Attachments

- Budget and Planning CM 2015-2016.pdf
  - Uploaded At 4/3/17 2:11 PM
1.1.1 Develop a formal operational structure through the development of a research network within the College to facilitate interdisciplinary, collaborative efforts in the following areas: sustainability, safety, resiliency, buildings, manufacturing facilities, roads and bridges, power plants, electrical grids, computing systems, software, cybersecurity, informatics systems, intelligent systems and visualization technology.

### Strategic Goals

Forge a College-wide multidisciplinary strategy to provide more sustainable and resilient infrastructural systems for the state and the nation.

### Strategic Directive

Digital and built infrastructure are critical to economic growth and competitiveness. To ensure the economic vitality of our state and nation, we will invest in research and development that improves our industrial and information technology infrastructure.

### Measures

<table>
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<tr>
<td><strong>Number of collaborative proposals submitted</strong></td>
<td>related to infrastructure</td>
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<tr>
<td><strong>Number of collaborative journal articles</strong></td>
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### Analysis

There have been many informal meetings but nothing has been accomplished to formalize the process.

### Recommendations

Work towards a formalized set of processes for collaboration across disciplines.

### Action Items

<table>
<thead>
<tr>
<th>Description</th>
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<th>Start - End</th>
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1.1.2 Build lasting relationships with funding agencies interested in infrastructure, and obtain stable funding in support of faculty research.

Strategic Goals

Forge a College-wide multidisciplinary strategy to provide more sustainable and resilient infrastructural systems for the state and the nation.

Strategic Directive

Digital and built infrastructure are critical to economic growth and competitiveness. To ensure the economic vitality of our state and nation, we will invest in research and development that improves our industrial and information technology infrastructure.

Measures

- Total number of research proposals endorsed by LCMI
  - Cnst Management
  - Dec-15

- Total research dollars awarded to endorsed LCMI proposals
  - Cnst Management
  - Dec-15

Analysis

Recommendations

Action Items

Attachments

Owner

Chuck Berryman (Construction Management)
1.1.3 Through the U.S. Department of Commerce’s Investing in Manufacturing Communities Partnership (IMCP) designation, the Smart Industrial Manufacturing Institute (SIMI) will be established to leverage the broad partnership of 83 leading organizations across all sectors of the petrochemical industries in Louisiana.

### Strategic Goals

Develop and enhance partnerships with industries and agencies at the regional and national levels.

### Strategic Directive

Digital and built infrastructure are critical to economic growth and competitiveness. To ensure the economic vitality of our state and nation, we will invest in research and development that improves our industrial and information technology infrastructure.

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<tr>
<td>1</td>
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<td>Dec-15</td>
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<tr>
<td>2</td>
<td><strong>Total research dollars awarded to endorsed LCMI proposals</strong></td>
<td>Cnst Management</td>
<td>Dec-15</td>
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</table>

### Analysis

This has evolved to be the Industrial Innovation Institute (I3). Plans are in the works to develop this further under the Office of Research and Economic Development.

### Recommendations

CoE 2016

### Action Items

- **Develop Institute under ORED**
  - Date: 1/3/17 - 8/3/17
  - Owner: Cnst Management

### Attachments

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1.1.4 Nurture collaborative relationships with owners and operators of critical infrastructural systems in Louisiana, including, but not limited to, electrical power industry, grid operators, government agencies of the road network and other public infrastructural systems.

**Strategic Goals**

Develop and enhance partnerships with industries and agencies at the regional and national levels.

**Strategic Directive**

Digital and built infrastructure are critical to economic growth and competitiveness. To ensure the economic vitality of our state and nation, we will invest in research and development that improves our industrial and information technology infrastructure.

**Measures**

- **Total number of partners within LCMI**
  - Existing: [Dec-15]
  - New: [Dec-15]

**Analysis**

Growth is continuing within LCMI. Workshop are regularly scheduled along with annual conferences.

**Owner**

**Recommendations**

**Action Items**

**Attachments**
1.1.5 Build university and industry-cooperative research initiatives, teams and centers.

**Strategic Goals**

Develop and enhance partnerships with industries and agencies at the regional and national levels.

**Strategic Directive**

Digital and built infrastructure are critical to economic growth and competitiveness. To ensure the economic vitality of our state and nation, we will invest in research and development that improves our industrial and information technology infrastructure.

**Measures**

- **Total number of initiatives, institutes, and centers resulting from LCMI partnerships**

**Analysis**

There are now four federal centers -
- The US Department of Commerce identified LSU as a manufacturing community partnership - Louisiana Chemical Manufacturing Partnership.
- The US Department of Commerce, Economic Development Administration funded the Louisiana State University – Industrial Innovation Center (LSU-IIC).
- The US Department of Energy, funded the Louisiana State University – Industrial Assessment Center (LSU-IAC).
- The US department of Transportation award CM as University Transportation Center (UTC) - TranSET).

**Recommendations**

Should continue to explore funding opportunities related to this objective.

**Action Items**

Owner

Chuck Berryman (Construction Management)
2.0 Educate the Workforce of Tomorrow

Objectives

2.1 Promote an undergraduate and graduate environment that develops and encourages a diverse set of management and leadership skills.

2.2 Enhance global awareness and an international education experience among our students.

2.3 Emphasize concepts of safety and sustainability among graduates.

2.4 Impart a strong sense of appreciation of and commitment to local and global community.

2.5 Train our graduates for academic careers.

2.6 Increase the quality of LSU’s annual entering freshman class.

Strategic Directive

We will address the shortage of engineers, construction managers and computer scientists by creating and implementing fresh approaches to undergraduate and graduate education. In doing so, we will educate diverse, contemporary leaders with a passion for innovation and create a knowledge-based state economy.

- Educate diverse and contemporary leaders
- Foster global awareness
- Promote safety and sustainability
- Serve our community
- Mentor future academics

Analysis

The total number of faculty in the Department remains a problem as it is affecting the decline in research funding and the increase in teaching loads (based on 2015-16 LSU Budget and Planning metrics):

- Research expenditures per tenure/tenure track faculty: CoE- $180,287 vs CM - $71,379
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*calculated using faculty lines in the machine run budget; excludes positions that are funded by soft money.

Compared to last year, the Department experienced a 25.4% growth in student enrollment. As noted in the last cycle, We have to cover 71 campus course sections per year at the undergraduate and graduate levels (note: this total excludes LSU Online courses with 18 sections per year). Our current budgeted capacity is 45 sections (7 tenure/tenure track FTE @ 3 sections per year; 3 instructors FTE @ 8 sections per year).
## Recommendations

Based on college averages and the means by which LSU last determined faculty WISE positions, the Department needs at least 5 new faculty lines added to their state budget...and this is to just catch up (note: this number excludes growth). We are the only Department in the College not hiring faculty this year. With these new resources we can then seek our own PhD in Construction Management. It will also allow the Department with the ability to expand into the international arena.

## Action Items

<table>
<thead>
<tr>
<th>Action Item</th>
<th>Start Date</th>
<th>End Date</th>
<th>Notes</th>
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<tr>
<td>Develop plan to acquire new faculty lines</td>
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<td>Obtain approvals for a PhD in Construction Management</td>
<td>1/3/17</td>
<td>5/5/20</td>
<td>Cnst Management</td>
</tr>
<tr>
<td>Expand matriculation agreements with community colleges</td>
<td>1/3/17</td>
<td>5/18/20</td>
<td>Cnst Management</td>
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## Attachments

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LSU College of Engineering CoE 2016 Report

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2.1 Promote an undergraduate and graduate environment that develops and encourages a diverse set of management and leadership skills.

<table>
<thead>
<tr>
<th>Strategic Directive</th>
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<tbody>
<tr>
<td>Educate diverse and contemporary leaders</td>
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<table>
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<tr>
<th>Strategic Goals</th>
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<tbody>
<tr>
<td>We live in a dynamic, rapidly changing world. We need to train people to not only proactively meet society's current needs, but to also provide solutions for problems that have yet to manifest. In fulfilling our mission, we will educate academically talented and diverse students to become tomorrow's leaders.</td>
</tr>
</tbody>
</table>
In almost every category, targets were achieved; however, there is a serious issue with the number of total SCH per budgeted faculty - 1264. College average is around 600. In addition, CM produces 4x the number of degrees awarded per faculty as compared to CoE.
## Recommendations

- Hire more faculty.

## Action Items

<table>
<thead>
<tr>
<th>Action Item</th>
<th>Start Date</th>
<th>End Date</th>
<th>Relevant Courses</th>
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<tr>
<td>Develop plan to acquire new faculty lines</td>
<td>1/3/17</td>
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<td>Cst Management</td>
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<tr>
<td>Complete the BIM Laboratory in the newly renovated Patrick Taylor Hall</td>
<td>1/3/17</td>
<td>8/6/17</td>
<td>Cst Management</td>
</tr>
<tr>
<td>Correct the funding model for the CCM online program</td>
<td>1/3/17</td>
<td>6/12/17</td>
<td>Cst Management</td>
</tr>
<tr>
<td>Develop an 5-year BSCM to MBA program</td>
<td>1/3/17</td>
<td>5/27/18</td>
<td>Cst Management</td>
</tr>
</tbody>
</table>
2.2 Enhance global awareness and an international education experience among our students.

**Strategic Directive**

Foster global awareness

**Strategic Goals**

In today's global economy, companies seek graduates who appreciate and understand cultural and geographical differences. As educators, we will prepare our students to positively contribute to an increasingly pluralistic and interdependent world.

**Measures**

- **Number of students participating in study abroad programs.**
  - Cnst Management
  - FY15-16

- **Number of students attending activities or events promoting international education experience such as peer advising and international study program fairs.**
  - Cnst Management
  - FY15-16

- **Number of exchange students from other cultures attending LSU and interacting with our students.**
  - Cnst Management
  - FY15-16

**Analysis**

This is an area that need improvement, but it requires resources (i.e. faculty) that the Department does not have.

**Recommendations**

Hire faculty that can champion international activities.

**Action Items**

- **Develop plan to acquire new faculty lines**
  - Cnst Management
  - 1/3/17 - 12/30/17
  - CoE 2016

**Attachments**
2.3 Emphasize concepts of safety and sustainability among graduates.

Cnst Management

Strategic Directive

Promote safety and sustainability

Strategic Goals

Two words define the true character of the LSU Engineer: safety and sustainability. They are also what differentiate our students from others. Our curriculum will make safety and sustainability top priorities in the classroom, in the lab and in the field.

Measures

- Number of courses addressing safety issues in construction management careers.
  - Cnst Management
  - FY15-16

- Number of students completing courses focused on or addressing safety practices.
  - Cnst Management
  - FY15-16

- Number of design courses with integrated concepts of sustainability.
  - Cnst Management
  - FY15-16

Analysis

Safety and sustainable design is a key part of our accreditation and an industry expectation. Previous assessment cycles help to determine quantity and quality. Targets are being met; however, the exposure to sustainability is not at acceptable levels.

Recommendations

The faculty needs to review the curriculum to see where more sustainability concepts can be integrated into the curriculum. They could also investigate the possibility of approving a sustainability course into the core curriculum.

Action Items
2.4 Impart a strong sense of appreciation of and commitment to local and global community.

**Strategic Directive**

Serve our community

**Strategic Goals**

Community service and engagement play a sizable role in any engineering profession. If we are to change the world, we must know the world we wish to change, and therefore, we expect our students to actively volunteer in our community to better appreciate and understand the challenges we are working to solve.

**Measures**

- **Number of courses with integrated service learning modules.**
  - Cnst Management
  - FY15-16

- **Number of students engaged in community service events.**
  - Cnst Management
  - FY15-16

**Analysis**

- Action Items

  No information can be provided as the Department has not integrated service learning modules into their curriculum due to resources (faculty). There needs to be a champion for this endeavor. However, students and faculty regularly engage in service events (i.e. coat/blanket/food drives)...and are heavily involved.

**Recommendations**

**Action Items**

**Attachments**
2.5 Train our graduates for academic careers.

### Strategic Directive

Mentor future academics

### Strategic Goals

We will implement a faculty development program that trains the next generation of academics, promotes discovery of new teaching initiatives and emphasizes best practices.

### Measures

<table>
<thead>
<tr>
<th>Measure</th>
<th>Direction</th>
<th>FY15-16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall Headcount Majors - Campus Masters</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Fall Headcount Majors - Doctoral</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Fall Headcount Majors - Online Masters</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Fall Headcount Majors - Online Total</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Annual Degrees Awarded - Masters (campus)</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Annual Degrees Awarded - Doctoral</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Tenure/Tenure Track Faculty - Total</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Non-Tenure Track Faculty - Total</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Graduate Assistants - Total</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Number of participants in graduate student enhancement programs</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Number of graduate recruitment events</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Number of faculty participating in faculty enhancement workshops</td>
<td></td>
<td>FY15-16</td>
</tr>
<tr>
<td>Number of PhD graduates placed in academia (post-doc &amp; tenure-track positions)</td>
<td></td>
<td>FY15-16</td>
</tr>
</tbody>
</table>
### Analysis

The MSCM is mostly meeting targets. The campus version of this degree program has lagged behind due to the online version. The number of tenure/tenure track can be contributed to the lower number of GAs that are funded; however, it needs to be noted that the PhD in Engineering Science with a CM Concentration numbers are not being attributed to the Department.

### Recommendations

Review the GA and PhD enrollments for the next cycle and adjust accordingly. The Department should seek an independent PhD degree program in the next three years.

### Action Items

- **Obtain approvals for a PhD in Construction Management**
  - 1/3/17 - 5/5/20
  - CoE 2016

### Attachments

---

*LSU College of Engineering CoE 2016 Report*  
Generated 04/28/17 at 03:34 PM EDT, Page 2
2.6 Increase the quality of LSU’s annual entering freshman class.

Strategic Directive

Enroll tomorrow’s leaders

Strategic Goals

Our future lies in the hands of the next generation of LSU College of Engineering graduates. Through innovative recruiting strategies, we will build a diverse, academically talented pipeline of engineering, construction management and computer science graduates for our nation.

Measures

- Freshman Retention Rates - Return 2nd Year
  - FY15-16
- Freshman Graduation Rate - In 4 years
  - FY15-16
- CM Yield rates
  - FY15-16
- Number of high school recruiting visits
  - FY15-16
- Number of National Merit Scholars admits
  - FY15-16
- Number of First Time Full Time Freshman
  - FY15-16
- Total enrollment in the CM Introduction Class - CM 1011
  - FY15-16
- Freshman Graduation Rate - In 6 years
  - FY15-16

Analysis

Most all targets are being met with the number of enrolling freshman hitting historical records.

Recommendations

At the current freshman enrollment rates, the Department should see a total enrollment of over 1000 students by Fall 2018...if not sooner. This need to be monitored to make sure enrollments match resources. This also increase the faculty to student ratio to an extreme. More faculty needed.
### Action Items

<table>
<thead>
<tr>
<th>Action Item</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop plan to acquire new faculty lines</td>
</tr>
</tbody>
</table>

**Cnst Management**

1/3/17 - 12/30/17

**CoE 2016**

### Attachments

<table>
<thead>
<tr>
<th>Attachments</th>
</tr>
</thead>
</table>
3.0 Redefine Our Social Network

Objectives

3.1 Foster trust and loyalty among our corporate partners by providing superior customer service and access to talented graduates.
Cnst Management

3.2 Develop mutually beneficial relationships with our alumni to ensure lifelong devotion to the College. Build perpetual support from our donors by providing timely acknowledgement of their gifts and implementing creative stewardship.
Cnst Management

3.3 Solidify a cohesive brand for the College that is recognized by all major constituent groups. Maintain a strong relationship with the local media, while creating and fostering connections on the national level, to shape a positive public opinion. Propel sharing and engagement of earned media through paid promotion and advertising.
Cnst Management

Strategic Directive

We will harness the individual connections to our College and expand our reach to create a network of people that reiterate and promote the College’s value to the world, and in turn, build a better public understanding of and support for its mission.

- Cultivate collaborations
- Create coalitions
- Promote public discourse
- Enroll tomorrow’s leaders

Analysis

The department shows a steady increase in the number of online followers. In addition, the department continues to have record-breaking involvement in corporate engagements held on campus. The department needs to focus on increasing the number of students graduating with jobs, develop more engaged alumni connections, and continue to build online relationships with our stakeholders through our website and social media platforms.

Recommendations

Methods for increasing alumni participation will begin with a website rebuild. Ensure a consistent and exciting social media presence.

Owner

Sunny Mott

Start Date

8/17/15

End Date

8/14/20
### Action Items

- **Add job opening widget to our CM website**
  - Due Date: 1/3/17 - 8/3/17
  - Cnst Management

- **Provide CM staff access to Careers2Geaux website**
  - Due Date: 1/3/17 - 8/3/17
  - Cnst Management

- **Update CM alumni website**
  - Due Date: 1/3/17 - 5/3/18
  - Cnst Management

- **Update alumni contact information**
  - Due Date: 1/3/17 - 5/3/18
  - Cnst Management

### Attachments
3.1 Foster trust and loyalty among our corporate partners by providing superior customer service and access to talented graduates.

Cnst Management

### Strategic Directive

Cultivate collaborations

### Strategic Goals

The intrinsic value of LSU lies within our ability to provide meaningful return on investment to the citizens of Louisiana. We will do so by partnering with industry, federal, state and local agencies to better meet the economic development needs of our state and nation. Expand, cultivate and strengthen key industry relationships that result in increased opportunities for our graduates. Hone and refine our students’ professional development. Embrace the importance of experiential education. Enhance and expand faculty and staff’s understanding of employer relations.

### Measures

<table>
<thead>
<tr>
<th>Measure</th>
<th>FY15-16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of on-campus corporate engagements</td>
<td>Cnst Management</td>
</tr>
<tr>
<td>Percentage of graduating class with jobs at graduation</td>
<td>Cnst Management</td>
</tr>
<tr>
<td>Number of industry partners at CID event</td>
<td>Cnst Management</td>
</tr>
<tr>
<td>Number of student interviews at CID event</td>
<td>Cnst Management</td>
</tr>
</tbody>
</table>

### Analysis

There is a need to increase the percentage of students graduating with jobs. During the past year, we have communicated job openings to our students via e-mail; however, we have not used alternative methods for communicating open positions.

### Recommendations

Collaborate with Career Center to increase advertisement of job openings to our CM students.
### Action Items

<table>
<thead>
<tr>
<th>Action</th>
<th>Start Date - End Date</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Add job opening widget to our CM website</td>
<td>1/3/17 - 8/3/17</td>
<td>Cnst Management</td>
</tr>
<tr>
<td>Provide CM staff access to Careers2Geaux website</td>
<td>1/3/17 - 8/3/17</td>
<td>Cnst Management</td>
</tr>
</tbody>
</table>

### Attachments

- [ ]

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3.2 Develop mutually beneficial relationships with our alumni to ensure lifelong devotion to the College. Build perpetual support from our donors by providing timely acknowledgement of their gifts and implementing creative stewardship.

Strategic Directive

Create coalitions

Strategic Goals

The College's success is best reflected through the pride and accomplishments of our alumni. As such, we will mobilize our alumni to create a reciprocal relationship of service, advocacy and philanthropy. Create transparency between donors and the College for all financial contributions to the College. Build trust among our donors by communicating relevant information about the expenditures of their gift(s) annually. Go the extra mile when it comes to donor philanthropy.

Measures

<table>
<thead>
<tr>
<th>Measure</th>
<th>FY15-16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of alumni-related feature stories and ad campaigns that celebrate alumni achievements</td>
<td></td>
</tr>
<tr>
<td>Number of gifts to the CM Department annually</td>
<td></td>
</tr>
</tbody>
</table>

Analysis

The alumni group has an active website, and alumni accomplishments are highlighted in the department newsletter. To increase alumni involvement, the department needs to increase alumni presence on social media, increase number of alumni events, and improve on alumni registration process.

Recommendations

Develop better methods and assemble more accurate data to assess, track, and connect with alumni. Develop more outreach strategies to connect with alumni.

Owner

Elizabeth Poret (Construction Management)
### Action Items

<table>
<thead>
<tr>
<th>Action Item</th>
<th>Due Date</th>
<th>CoE 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Update alumni contact information</td>
<td>1/3/17 - 5/3/18</td>
<td>CoE 2016</td>
</tr>
</tbody>
</table>

### Attachments

- None
3.3 Solidify a cohesive brand for the College that is recognized by all major constituent groups. Maintain a strong relationship with the local media, while creating and fostering connections on the national level, to shape a positive public opinion. Propel sharing and engagement of earned media through paid promotion and advertising.

Cnst Management

<table>
<thead>
<tr>
<th>Strategic Directive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Promote public discourse</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Strategic Goals</th>
</tr>
</thead>
<tbody>
<tr>
<td>One’s reputation shadows every interaction and transaction, either positively or negatively. Through cohesive branding and strategic communications, we will positively influence people’s perception of the College. Develop and foster lasting, trustful relationships with regional and national reporters. Engage with local and national media through social media strategies. Leverage existing technologies to better meet journalist and end used needs. Educate our faculty on how to interact with the media. Globalize our content through language translation. Innovate our story telling formats. Position the College nationally among its Peer Institutions. Elevate the level of discourse on topics relevant to LSU Engineering</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number of Facebook “likes”</strong></td>
</tr>
<tr>
<td>Cnst Management</td>
</tr>
<tr>
<td><strong>Number of sessions on the CM webpage</strong></td>
</tr>
<tr>
<td>Cnst Management</td>
</tr>
<tr>
<td><strong>Number of contacts through LinkedIn</strong></td>
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<tr>
<td>Cnst Management</td>
</tr>
<tr>
<td><strong>Average monthly engagement rate on social media.</strong></td>
</tr>
<tr>
<td>Cnst Management</td>
</tr>
<tr>
<td><strong>Number of news articles published to website each month.</strong></td>
</tr>
<tr>
<td>Cnst Management</td>
</tr>
<tr>
<td><strong>Performance of website articles - page views, social media shares and engagement each month</strong></td>
</tr>
<tr>
<td>Cnst Management</td>
</tr>
<tr>
<td><strong>Number of students recognized by the Department as Distinguished Student Leaders in CM</strong></td>
</tr>
<tr>
<td>Cnst Management</td>
</tr>
<tr>
<td><strong>Number of faculty recognized for their achievement</strong></td>
</tr>
<tr>
<td>Cnst Management</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td>We continue to build online relationships with current and future students, and prospective and current faculty, staff, and alumni through our social media. Our goal is to have over 3,000 likes to the Facebook page and over 500 likes to the LinkedIn account. Recently, the website underwent significant improvements; however, it will require constant updating.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Owner</th>
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</thead>
</table>

LSU College of Engineering CoE 2016 Report
Recommendations

Increase the number of articles about CM faculty, students, and alumni's successes and accomplishments while placing attention to research and leadership roles of the CM faculty. Continue to tie the newsletter to website and press releases. Continuously update the CM website to maintain relevance to those seeking information about the Department.

Action Items

Attachments
4.0 Reinvent How We Do Business
Cnst Management

Objectives

4.1 Maintain a system of thinking where creativity, innovation and automation converge to maximize every dollar spent.
Cnst Management
FY15-16

4.2 Foster an environment where communication is kind and timely.
Cnst Management
FY15-16

4.3 Provide faculty, staff and students with the tools needed to maintain positive energy balance among work and life.
Cnst Management
FY15-16

Strategic Directive

We will strive to improve the quality of service to those we serve by reinventing how we do business.

- Create lean Departmental operations
- Enhance quality of service
- Accelerate employee development

Analysis

We now have five revenue generating activities with another two yet to be developed.

1. Online Master of Science in Construction Management
2. Online Post Baccalaureate in Construction Management
3. Federally funded University Transportation Center - TranSet
4. Federally funded Industrial Innovation Center (IIC)
5. Federally funded Industrial Assessment Center (IAC)

Targets are being met for Objective 4.2

Recommendations

Continue to develop other revenue generating programs for the CM Department and its faculty/staff.

Action Items

- Develop Institute under ORED
  Cnst Management
  1/3/17 - 8/3/17
  CoE 2016

- Obtain approvals for a PhD in Construction Management
  Cnst Management
  1/3/17 - 5/5/20
  CoE 2016

- Create an online Post Baccalaureate Certificate in Industrial Facilities Management
  Cnst Management
  1/3/17 - 5/18/19
  CoE 2016

Owner

EP Elizabeth Poret (Construction Management)

Start Date

3/11/17

End Date

8/14/20
4.1 Maintain a system of thinking where creativity, innovation and automation converge to maximize every dollar spent.

**Strategic Directive**

Create lean College operations

**Strategic Goals**

We must optimize our internal processes to eliminate waste and redundancies. As fiduciary stewards of taxpayer and donor dollars, we will continue to foster an internal culture that values the principles of lean processes.

**Measures**

<table>
<thead>
<tr>
<th>Number of new revenue generating programs within CM</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY15-16</td>
</tr>
</tbody>
</table>

**Analysis**

We now have five revenue generating activities with another two yet to be developed.

1. Online Master of Science in Construction Management
2. Online Post Baccalaureate in Construction Management
3. Federally funded University Transportation Center - TranSet
4. Federally funded Industrial Innovation Center (IIC)
5. Federally funded Industrial Assessment Center (IAC)

**Owner**

**Recommendations**

Continue to seek revenue generating sources, especially through research or online initiatives.
## Action Items

<table>
<thead>
<tr>
<th>Action Item</th>
<th>Date Range</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cnst Management</td>
<td></td>
<td></td>
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<tr>
<td>Cnst Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Create an online Post</td>
<td>1/3/17 - 5/18/19</td>
<td>CoE 2016</td>
</tr>
<tr>
<td>Baccalaureate Certificate in Industrial Facilities Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cnst Management</td>
<td></td>
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</tr>
</tbody>
</table>

## Attachments

- None
4.2 Foster an environment where communication is kind and timely.

**Strategic Directive**

Enhance quality of service

**Strategic Goals**

Quality and service are the differentiators between success and failure. If we are to be successful, we will make superior service to the students and faculty our first priority. Enhance and expand focus on the importance of service to all.

**Measures**

**Total number of faculty staff meetings per year**

<table>
<thead>
<tr>
<th>FY15-16</th>
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<tbody>
<tr>
<td></td>
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</tbody>
</table>

**Analysis**

Meeting targets.

**Recommendations**

None

**Action Items**

**Attachments**
4.3 Provide faculty, staff and students with the tools needed to maintain positive energy balance among work and life.

Strategic Directive

Accelerate employee development

Strategic Goals

Professional development is a win-win for the College and its employees. We will foster a work environment that rewards and cultivates talent and professional growth. Encourage individual goal setting. Establish and enhance the focus on personal development. Empower all to achieve the energy necessary to live a fulfilled life.

Measures

- **CM faculty/staff - systems and operational improvement survey**

  Owner: Sunny Mott

Analysis

Strategic plan complete. Operational manuals about 60% complete.

Recommendations

Survey needs to be created for systems and operation improvement

Action Items

- **Develop recruitment plan for BSCM students**
  Owner: Sunny Mott
  Start: 03/17, End: 08/27/17

- **Develop standard operational procedures (SOP) for the CM Department**
  Owner: Sunny Mott
  Start: 03/17, End: 05/27/18

- **Create survey for systems and operational improvements**
  Owner: Sunny Mott
  Start: 03/17, End: 08/27/17
<table>
<thead>
<tr>
<th>Action Item</th>
<th>Description</th>
<th>Start Date</th>
<th>End Date</th>
<th>Linked Objects</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Develop plan to acquire new faculty lines</td>
<td>SCH to faculty ratios are almost 150% above the College Average. A plan needs to be developed to acquire and hire new faculty quickly.</td>
<td>1/3/17</td>
<td>12/30/17</td>
<td>1.1 Develop cost-effective and environmentally friendly sources of energy; Create solutions to save our coast and waterways; Engineer better healthcare; Provide a safer and more cost-effective national infrastructure; Improve America's manufacturing competitiveness. Chuck Berryman (Construction Management)</td>
<td></td>
</tr>
<tr>
<td>Organize a college wide workshop to formalize collaboration</td>
<td>The Department, in partnership with the College of Engineering, develop a process to formalize collaboration across disciplines. The first step would be organize a morning or evening workshop to begin the process.</td>
<td>1/3/17</td>
<td>5/3/18</td>
<td>1.1 Develop cost-effective and environmentally friendly sources of energy; Create solutions to save our coast and waterways; Engineer better healthcare; Provide a safer and more cost-effective national infrastructure; Improve America's manufacturing competitiveness. Chuck Berryman (Construction Management)</td>
<td>1.1.1 Develop a formal operational structure through the development of a research network within the College to facilitate interdisciplinary, collaborative efforts in the following areas: sustainability, safety, resiliency, buildings, manufacturing facilities, roads and bridges, power plants, electrical grids, computing systems, software, cybersecurity, informatics systems, intelligent systems and visualization technology. Chuck Berryman (Construction Management)</td>
</tr>
<tr>
<td>Add job opening widget to our CM website</td>
<td></td>
<td>1/3/17</td>
<td>8/3/17</td>
<td>3.1 Foster trust and loyalty among our corporate partners by providing superior customer service and access to talented graduates.</td>
<td></td>
</tr>
<tr>
<td>Task</td>
<td>Assigned to</td>
<td>Start Date</td>
<td>End Date</td>
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<tr>
<td>----------------------------------------------------------------------</td>
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<td></td>
</tr>
<tr>
<td>Provide CM staff access to Careers2Geaux website</td>
<td>Sunny Mott</td>
<td>1/3/17</td>
<td>8/3/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Develop Institute under ORED</td>
<td>Chuck Berryman</td>
<td>1/3/17</td>
<td>8/3/17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Update CM alumni website</td>
<td></td>
<td>1/3/17</td>
<td>5/3/18</td>
<td></td>
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</tr>
<tr>
<td>Obtain approvals for a PhD in Construction Management</td>
<td>Sunny Mott</td>
<td>1/3/17</td>
<td>5/5/20</td>
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<td></td>
</tr>
</tbody>
</table>

**3.0 Redefine Our Social Network**

Sunny Mott

- Develop Institute under ORED
  - Chuck Berryman (Construction Management)
  - Working with ORED, the Dean, and the Department, move the IIC, IAC, and LCMI under one Institute housed by ORED. Web site development, staff support and office space needs to be provided.

**1.0 Solve Louisiana's Greatest Challenges**

Chuck Berryman (Construction Management)

- Develop cost-effective and environmentally friendly sources of energy; Create solutions to save our coast and waterways; Engineer better healthcare; Provide a safer and more cost-effective national infrastructure; Improve America's manufacturing competitiveness.
  - Chuck Berryman (Construction Management)

**4.0 Reinvent How We Do Business**

Elizabeth Poret (Construction Management)

- Maintain a system of thinking where creativity, innovation and automation converge to maximize every dollar spent.

**3.2 Develop mutually beneficial relationships with our alumni to ensure lifelong devotion to the College. Build perpetual support from our donors by providing timely acknowledgement of their gifts and implementing creative stewardship.**

Elizabeth Poret (Construction Management)

- 3.0 Redefine Our Social Network
  - Sunny Mott

- 2.5 Train our graduates for academic careers.

- 4.1 Maintain a system of thinking where creativity, innovation and automation converge to maximize every dollar spent.

- 1.0 Solve Louisiana's Greatest Challenges
  - Chuck Berryman (Construction Management)
<table>
<thead>
<tr>
<th>Task</th>
<th>Description</th>
<th>Due Date</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2.0 Educate the Workforce of Tomorrow</strong></td>
<td>Chuck Berryman (Construction Management)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>4.0 Reinvent How We Do Business</strong></td>
<td>Elizabeth Poret (Construction Management)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Complete the BIM Laboratory in the newly renovated Patrick Taylor Hall</strong></td>
<td>The BIM laboratory was dismantled during the PTH renovation. It need to be reinstalled before the fall semester of 2017</td>
<td>1/3/17</td>
<td>8/6/17</td>
</tr>
<tr>
<td><strong>Update alumni contact information</strong></td>
<td>Collect permanent e-mail addresses from student prior to graduation and maintain updated contact information for current alumni.</td>
<td>1/3/17</td>
<td>5/3/18</td>
</tr>
<tr>
<td><strong>Review curriculum and resources for BIM integration into the core curriculum</strong></td>
<td>Faculty need to review the curriculum and resources to determine the number of sections needed for an elective or to make the BIM course a permanent part of the core curriculum.</td>
<td>1/3/17</td>
<td>8/15/18</td>
</tr>
<tr>
<td><strong>Correct the funding model for the CCM online program</strong></td>
<td>Incorrect fee structure has financially robbed the program of its resources. It is being subsidized by the MSCM online program. Corrective action is needed to stop the losses.</td>
<td>1/3/17</td>
<td>6/12/17</td>
</tr>
<tr>
<td><strong>Create an online Post Baccalaureate Certificate in Industrial Facilities Management</strong></td>
<td>This action is to develop and implement a LSU Board of Regent approved Post Bac Certificate in Industrial Facilities Management (IFM). It would be an online program generating revenue and adding much needed education to the industrial sector. This program would include managing cyber security and disasters.</td>
<td>1/3/17</td>
<td>5/18/19</td>
</tr>
</tbody>
</table>

**3.0 Redefine Our Social Network**                | Sunny Mott                                                                                                                                                                                                |          |        |
| **2.1 Promote an undergraduate and graduate environment that develops and encourages a diverse set of management and leadership skills.** |                                                                                                                                                                                                           |          |        |
| **3.2 Develop mutually beneficial relationships with our alumni to ensure lifelong devotion to the College. Build perpetual support from our donors by providing timely acknowledgement of their gifts and implementing creative stewardship.** | Elizabeth Poret (Construction Management)                                                                                                                                                                   |          |        |
| **4.1 Maintain a system of thinking where creativity, innovation and automation converge to maximize every dollar spent.** |                                                                                                                                                                                                           |          |        |
| **2.0 Educate the Workforce of Tomorrow**       | Chuck Berryman (Construction Management)                                                                                                                                                                    |          |        |
| **4.0 Reinvent How We Do Business**              | Elizabeth Poret (Construction Management)                                                                                                                                                                   |          |        |
### Expand matriculation agreements with community colleges

This would be an expansion of a partnership sometimes called "2+2 agreements" where the student takes their first two years at the community college then finishes up there last two year at LSU. Currently, CM has matriculation with Baton Rouge Community College. There are at least four other community colleges that can be included.

| 1/3/17 | 5/18/20 |

#### 2.0 Educate the Workforce of Tomorrow
Chuck Berryman (Construction Management)

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### Review curriculum and resources to integrate sustainable construction into the core curriculum

| 1/3/17 | 8/27/18 |

### Develop recruitment plan for BSCM students

| 1/3/17 | 8/27/17 |

#### 2.0 Educate the Workforce of Tomorrow
Chuck Berryman (Construction Management)

#### 4.3 Provide faculty, staff and students with the tools needed to maintain positive energy balance among work and life.
Sunny Mott

### Develop an 5-year BSCM to MBA program

| 1/3/17 | 5/27/18 |

### Develop a dual degree program BSCM and BS in Entrepreneurship

| 1/3/17 | 5/27/18 |

### Develop standard operational procedures (SOP) for the CM Department

Develop standard operating procedures (SOPs) to help maintain process and quality control, reduce system variations, and help facilitate training. These SOPs will also be used as a planning guide and a reference document. The Department needs to prepare a comprehensive set of SOPs. SOPs for the list below are incomplete or out-of-date. The Department should evaluate existing SOPs on a regular basis.

1. Business Operations
2. Student Operations
3. Recruiting Plan
4. CIAC (assist)

| 1/3/17 | 5/27/18 |

#### 4.3 Provide faculty, staff and students with the tools needed to maintain positive energy balance among work and life.
Sunny Mott

### Create survey for systems and operational improvements

| 1/3/17 | 8/27/17 |

#### 4.3 Provide faculty, staff and students with the tools needed to maintain positive energy balance among work and life.
Sunny Mott