

# CONSTRUCTION MANAGEMENT@MSU

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Send all correspondence to:  
 School of Planning, Design  
 and Construction,  
 101 HE Building,  
 East Lansing, MI 48824  
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 phone: 517-432-0704  
 fax: 517-432-8108  
 e-mail: [spdc@msu.edu](mailto:spdc@msu.edu)

Construction Management resides in the College of Agriculture and Natural Resources and the school of Planning, Design and Construction (SPDC.) There are four majors within the school. Currently the Construction Management Major has 175 undergraduate students and 39 graduate students enrolled. See more info about our majors at <http://spdc.msu.edu/AboutOurMajors.aspx>

## CONSTRUCTION MANAGEMENT

Established in: 1948 • Accredited by: American Council for Construction Education (ACCE)

CM is a profession of both the management and technological aspects of the construction industry. CM students take classes in management, contracts, finance, estimating, scheduling, project management, real estate, structural design, accounting, building codes, business law, safety, and materials. They are provided opportunities to receive real world experiences through a well established internship program.

### Degrees offered:

- Bachelors of Science in Construction Management
- Master of Science in Construction Management
- PhD in Construction Management

### Teaching Focus:

- Project Management
- Sustainable Built Environment
- Estimating, Scheduling and Codes
- Construction Management Information Systems
- Lean Construction
- International Project Management

## Construction Management Facts

### 175 Undergraduate CM Majors

- 76% in state
- 12 % out of state
- 12% international
- 34 CM Masters
- 5 CM Ph.D
- 41% in state
- 8 % out of state
- 51% international
- 80% employment for graduates
- 10% recruiting from in-state
- 90% of recruiting from out-of-state

## Other School of Planning, Design & Construction Majors:

### Landscape Architecture

Established in: 1898  
 Accredited by: Landscape Architecture  
 Accreditation Board (LAAB)

### Degrees offered:

- Bachelor in Landscape Architecture (BLA)
- Master of Arts in Environmental Design

### Teaching Focus:

- Design
- Site Engineering
- Sustainable Issues
- Human and Cultural Aspects
- From Site to Regional scale

### Interior Design

Established in: 1935  
 Accredited by: Council for Interior Design  
 Accreditation (CIDA)

### Degrees offered:

- Bachelor of Arts in Interior Design
- Master of Arts in Interior Design and Facilities Management
- Master of Arts in Environmental Design

### Teaching Focus:

- Design Education and Pedagogy
- Design Theory and Application
- Historic Preservation and Conservation of the Built Environment
- Sustainable Design
- Visual Communication and Technology
- Indoor Environmental Quality

### Urban and Regional Planning

Established in: 1946  
 Accredited by: Planning Accreditation Board (PAB)

### Degrees offered:

- Bachelor of Science in Urban and Regional Planning
- Master of Science in Urban and Regional Planning (MURP)
- MURP/JD dual degree
- Master of International Planning Studies

### Teaching Focus:

- Urban Policy and Governance
- Community and Economic Development and Methods
- Land Use and the Environment Planning
- Transportation Planning
- Environmental and Sustainable Development
- Globalization and Urbanization
- Technology and Development

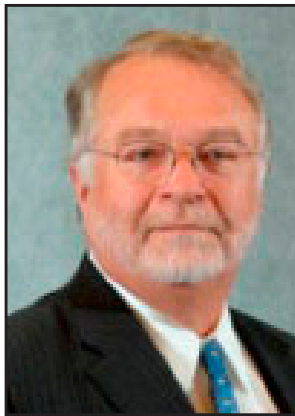
# From the Director

The last year's been exciting for Construction Management at MSU. Fall, 2010, was our successful accreditation review by the American Council of Construction Education (ACCE) which required six weeks of preparation and a three-and-a-half day site visit to complete. We're glad that we only go through this process once every six years.

Over the last two years MSU, the College of Agriculture and Natural Resources and CM have all been reorganizing to accommodate past and future budget cuts just like those the business world has faced. The State funding cuts could range in the near future from 15% to 22%. The School of Planning, Design and Construction, and thus CM, has so far survived without consolidation or integration. The final impact of the Governor's budget is unclear but just like industry we must do more with less. Our students are serious about their studies. The faculty and staff have been going overboard to manage a number of extra activities to get the job done.

A bright spot for us has been the growth of our endowments and gifts funding: \$86,150 grants to CM students in scholarships and fellowships to help our students pay for study abroad, tuition, exams, travel, books, participation of our competition team, etc. We are grateful for both the alumni's and the Construction Management Alumni Association's gifts of money, time and support to keep our program strong.

My goal is to move our program from being very good to being best in the nation. What will move us to greatness are the students we recruit, our great faculty, and outstanding research to keep the course material and student field experiences at the cutting edge. We are developing webinars with trade organizations focused on recruiting their children to pursue degrees in CM — and working on a new



Scott Witter  
Director of SPDC

web site, brochures and a plan to recruit students from families associated with our accredited majors. We are focusing on communication networks that potential students use to decide where to go to school. If you have internships or are willing to participate in job shadowing, please contact us.

Our faculty does great things. Marcus Metoyer, Dennis Welch, and Paul Streng offer the majority of our undergraduate coursework and participate in at least one entrepreneurial activity each to help fund our program needs. Ken Gottschalk prepares our students for two national student competitions each year. Over the years, our teams

have proven they are definitely competitive on a national basis. Armagan Korkmaz teaches half-time and works on research projects with our tenure stream faculty; he is an excellent teacher. Matt Syal and Tim Mrozowski pulled together a consortium including Dow Chemical, Habitat for Humanity, and Ferris State University to win a \$4.9 million Department of Energy grant on the energy and economic impacts of retrofitting insulation in homes from different climate zones. With student help, Tim has also brought in \$700,000+ in training grants.

Tariq Abdelhamid works half-time with MSU's Physical Plant, in conjunction with campus partners such as Residential and Hospitality Services, Academic Technology Services, Recycling/Surplus/Waste Management, MSU Police, Land Management, Campus Planning and Administration, Facilities Planning and Space Management and MSU Purchasing — partnering to develop "The MSU Way: Excellence in Campus Operations and Services (ECOS)." The effort focuses on capital project delivery, and how to better serve customers. All partners agree to follow this method to collaboratively exceed customers' expectations

while using MSU's resources as efficiently as possible. [www.pp.msu.edu](http://www.pp.msu.edu) details the project. Students consistently rank Tariq in the top three teachers.

Dr. Mohamed El-Gafy was reappointed for his second probation period (each faculty has two reviews of teaching, research and service programs at the unit, college and university level in their first five years). He's published 17 articles and gotten over \$100,000 in contracts in the last three years. He is doing a very good job in the classroom. Jing Du, a CM graduate student, and Dr. El-Gafy had an article in the prestigious *Journal of Computing in Civil Engineering*. Dr. Sinem Korkmaz is in her first reappointment review and continues to publish, receive grants, and do well in the classroom.

In February, an excellent example of our value-added experience was the first SPDC Student Leadership Day developed and organized by Robin Rennie, SPDC Internship and Jobs Coordinator. Presented by SPDC, in cooperation with the Great Lakes Leadership Academy, this mini-conference enhanced the academic curriculum with topics to help students become leaders in the workforce. Ninety students, from freshmen to grad students, participated in this day of workshops and networking Faculty from the GLLA and SPDC alumni volunteered to conduct the workshops. A highlight was the panel discussion, "Becoming a Leader in Your Career". CM alumni Jeff Adcock, Sean Hollister, Douglas Moody and Matt Tuckey shared their experiences and answered questions. Every student evaluation rated it as excellent, making it the highest rated event of the day. Thanks to our alumni who helped make this event a success.

During the last year I (Scott Witter) have gone through ACCE training to serve on an accreditation team and to lead a team, plus participated in my first external review at South Dakota State University.

On behalf of the CM faculty and students, I want to thank all of you that provided support and help to us over this last year! We look forward to continued success for Construction Management at MSU!

## ALUMNI BOARD UPDATE

The MSU Construction Management Alumni and Industry Advisory Boards consist of 36 members with a broad range backgrounds and expertise. Members serve on the board in four-year terms.

### By the Numbers

MSU Construction Management Alums.....	28
MSU non-Construction Management Alums .....	3
Non MSU Alums .....	5
Residential Construction Background .....	6
Commercial Construction Background .....	21
Legal / other Background .....	6
University.....	3

### MSU Construction Management Alumni and Industry Advisory Association Committee's Strategic Planning Committee

Purpose: to establish a series of short range, mid range and long range goals and objectives, create a working plan to guide the School and CMP through the future and meet the core mission.

### Board Development and Membership Committee

Purpose: to provide continuity of Board membership and leadership, and to provide administrative support to the Board.

### Golf Committee

Purpose: to host a yearly golf outing. Current Construction Management students and alumni, General Contractors, Developers, Sub-Contractors, Architects and Engineers are all invited with the mission of raising funds for the CMAIAA.

### Curriculum Guidance Committee

Purpose: to provide curriculum reviews and advise from the Board regarding the Construction Management curriculum.

### Faculty and Student Outreach Committee

Purpose: is to provide the faculty and students an outreach to industry and to act as a liaison between industry and trade professional groups and the CM faculty and students.

## BOARD MEMBERS

Tariq Abdelhamid - MSU  
Jeff Adcock, Emergent Biosolutions  
Mark Adler, Flex Real Estate Services  
Russ Agosta, Grant Thornton  
Scott Augustine, Mass Electric  
Steve Black, Power Construction  
John Borenstein, Honigman Miller  
Schwartz and Cohn, LLP

Eric Brouillard, The Summit Co.  
Traci Brower, Clark Construction Co.  
Steve Busen, Skanska USA Building  
Mark Cohn, Seyburn, Kahn, Ginn, Bess & Serlin  
Doug Cron, Cron Management, LLC  
Robert Dunston, A&R Ventures  
Art Eckert, Plante Moran  
Rick Evans, Turner Construction Co.

Steve Frederickson, The Christman Co.  
Scott Gillespie, The Gillespie Co.  
Ken Gottschalk, MSU  
Scott Hechlik, Osprey Construction & Development  
Sean Hollister, Barton Malow Co.  
John Kelly, Mosher, Dolan, Cataldo & Kelly, Inc.  
James Kramek, Clark Construction Co.

John McCellend  
Grant Mendeljian, Turner Construction  
Marcus Metoyer - MSU  
Doug Moody, Barton Malow  
Jim Peterson, Pulte homes  
Tim Prochko, Field Turf USA  
Bristol Reynolds, Whiting Turner Contracting Co.

Dwight Runkels, Hensel Phelps Construction  
Melissa Solberg, The Mantis Group  
Tim Thomas, Erie Architectural Products  
Matt Tuckey, Johnson Controls  
Ed Weber, Robertson Brothers  
Scott Witter - MSU  
Rob Wineman  
Ed Wygal, Rockford Construction Co.



# Awards and Recognition

## 2011 Construction Management Student of the Year

2011 Construction Management Student of the year is **Spenser Sellers** from Battle Creek, Michigan. Spenser has held the position of Secretary for both Sigma Lambda Chi and Student Builders and Contractors Association. He has also contributed to SPDC's involvement with ABC's extreme makeover: Home Edition (Holt, MI) and last fall's Whirlpool Builders Blitz and Habitat for Humanity and has been on both the Residential and Commercial Competition teams. Spenser was also the recipient of the CM Albert A. White Scholarship CMP 2010-2011.

## 2011 Construction Management Graduate Student of the Year

2011 Construction Management Graduate Student of the year is **Jeremiah Williams** from Cadillac, Michigan. Jeremiah has assisted Professor Tim Mrozowski on the Michigan Energy Codes Training and Implementation Program - an MSU SPDC project providing training on the MI commercial and residential energy codes to Architects, Engineers, Code Officials, Inspectors, Home Builder and Supplier throughout the State of Michigan. He is currently working at the US Department of Energy in the Building Technologies Program. Jeremiah was also the recipient of the CM Ed Gavin Memorial Scholarship CMP 2010-2011.

## Distinguished Alumni Award

**Bradley des Lauriers** (1954) received the 2010 distinguished Alumni Award at the 2010 golf outing.

## Alumni Board Members Recognition

**Dave Robertson** (1976) and **Grant Mendeljian** (1998) received recognition for their years of service and support on the MSU CMP Alumni and Industry Advisory Board at the 2010 golf outing.



L to R: Tim Prochko, Bradley des Lauriers, Doug Cron



L to R: Tim Prochko, Dave Robertson, Grant Mendeljian

# Career Fair

The MSU 2011 Construction Management Career Fair will be held on October 19th, 2011. If you would like to participate, contact:

Robin A. Rennie, Internship Coordinator/Graduate Advisor  
School of Planning, Design and Construction  
Michigan State University  
112 Human Ecology  
East Lansing, MI 48824-1323  
Phone: 517-884-2502  
Fax: 517-432-3772  
Rennier@anr.msu.edu



# 2010 Alumni Golf Outing Celebrated 40th Anniversary

The 2010 Construction Management Alumni 12th Annual Golf outing celebrated the 40th Anniversary of the initial MSU Construction Management Alumni and Industry Advisory Board. The representatives from the first committee were provided with a free round of golf and complementary h'orderves/drinks, and were recognized during the award ceremony.

The outing was held August 3, 2010 at Cherry Creek Golf Club and Banquet Center in Shelby Township, Michigan. The number of golfers totaled 107 and winning participants included: Longest Drive - Brad Van Steenkiste, Turner Construction; Longest Drive (Female) - Kim McLean, Barton Malow Company; Closest to the Pin - Mike Green, John E. Green Company.

This is an excellent event for CM that brings alumni together in a relaxed setting and provides an excellent networking opportunity with to strengthen, rekindle or develop new relationships with those alumni and companies who participate. Last year's outing generated \$15,000 in funding for CM. This money contributes to the purchasing of computers, accreditations, student outreach programs, newsletters and recruitment efforts. A special thanks to all sponsors list below for making the 2010 Golf Outing a great success!



## 2010 Sponsors - Thank You

Turner Construction Company.....	Gold Sponsor
McCarthy Building Companies .....	Gold Sponsor
Barton Malow Company .....	Silver Sponsor
Skanska USA Building Inc. ....	Silver Sponsor
John E Green Company .....	Silver Sponsor
McDonald Modular .....	Bronze Sponsor
Performance Contracting Group.....	Beverage Cart/Closest to the Pin
Adamo Demolition Co.....	Buffet Lunch
MSU Federal Credit Union .....	Buffet Lunch
Altman Development Company.....	Flag Sponsor
Limbach, Inc. ....	Flag Sponsor
Williams Homes.....	Flag Sponsor
Cron Management, LLC .....	Flag Sponsor
Hensel Phelps Construction Company.....	Flag Sponsor
Michigan CAT .....	Flag Sponsor
Tim Prochko .....	Closest to the Pin
Osprey Construction and Development.....	Longest Drive
Granger Construction Company .....	Tee & Donation
Barton Malow Company .....	Tee Sponsor
Ideal Contracting, LLC.....	Tee Sponsor
W.K. Krill & Associates, Inc.....	Tee Sponsor
Clark Construction Co. ....	Tee Sponsor
Grant & Amy Mendeljian.....	Tee Sponsor
JOHNSTON LEWIS ASSOCIATES .....	Tee Sponsor
Tim Mrozowski.....	Tee Sponsor
Commercial Contracting Company.....	Tee Sponsor
Rockford Construction Company.....	Tee Sponsor
Robert Aydukovic.....	Donation
Bradley des Lauriers.....	Donation
R. William Sheathhelm .....	Donation
Flex Real Estate Services Co., an Adler Company .....	Donation
Justin Barnes.....	Donation
Lawrence Morton.....	Donation
Usztan LLC.....	Donation

## 2011 Golf Outing

The 2011 Alumni Golf Outing has a new location this year and will be held on...

**Tuesday, August 2, 2011  
at Forest Akers Golf West Course.**

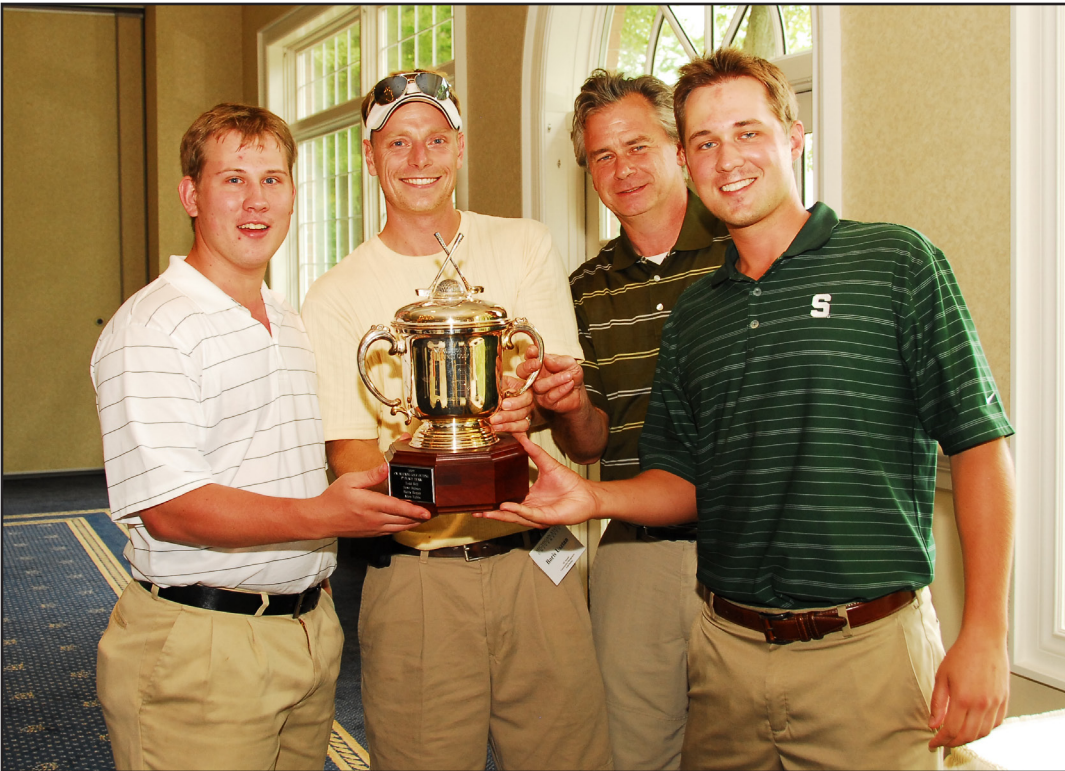
"Same Distance, New Location, Right on Campus"! By now, you should have received your "Save the Date" postcard. Make sure you have your calendars marked.

**Sponsorship is needed  
for this year's event.**

You will be receiving this year's 2011 registration and sponsorship form shortly. Participation, sponsorships and donations are all very important to the success of this event. We have enjoyed strong alumni and industry support over the last 12 years and trust we can look forward to our existing devoted (and welcome all new) supporters.

If you have any questions please contact Cathy Morrison via e-mail at: [morris12@msu.edu](mailto:morris12@msu.edu) or via telephone at: 517-432-2096.





The 2010 Golf Outing Winners were Bret Booth, Boris Usztan, Tim Mrozowski and Brandon Booth.

The 2011 Alumni Golf Outing has a new location this year and will be held on Tuesday, August 2, 2011 at Forest Akers Golf West Course. "Same Distance, New Location, Right on Campus"!



L to R: Jim Beachum, Brad des Lauriers, Larry Morton, Bill Luginsland, Bill Sheathelm





## 2011 Study Abroad Heads to Asia

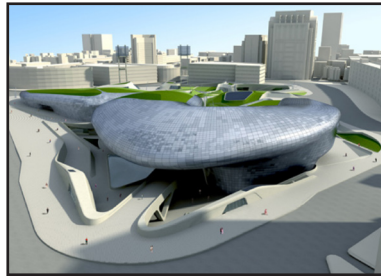
Asian Planning and Practice is a four-week program designed for urban and regional planning students in the School of Planning, Design, and Construction (SPDC) to experience planning and urban practices in South Korea and Turkey. The program targets upper-level undergraduates and graduate students as primary participants.

During this four-week program, students will be exposed to the challenges and development issues of urban and regional planning in several cities in South Korea and Turkey, and be motivated

to compare their newly acquired knowledge to planning practices in the United States. The program utilizes lecture, field study, original research, and class discussion. Students, regardless of their courses and credit distribution, will be expected

to participate in all aspects of the program in order to further personal engagement, critical thinking, and intercultural interactions between American, Korean and Turkish students.

The Construction Management students will be involved in Field



Research such as the Highway removal and waterway redevelopment in Cheonggyecheon and Gwanghwamun. Visiting a large scale construction project at Dongdaemun Plaza, a Traditional Neighborhood in Bukchon and Gahoe-dong and the World Cup/Olympic Stadium construction project. Along with many more adventures.



Summer 2009: the School of Planning, Design and Construction was off to Italy to focus on sustainability. Students took classes at GBC Italia in Rovereto, and used our ARCO project as a case study to study application of LEED credits.

Students experienced exciting historical sites, sustainable design and construction projects, contemporary design developments, and construction and preservation management practices for major restoration works, new buildings and significant infrastructure projects in Italy. They were exposed to both

new and old construction technologies, project management practices, architectural history and the importance of construction logistics while working in architecturally significant environments. Florence, Pisa, Rome, Verona, Milan and Venice were perfect sites for the students to learn and have fun.

The adventure was full and varied daily schedule of educational experiences. Significant in-country travel by rail and private motor coach, including visits to several major cities and historical sites. Ample personal time is allotted to provide students with the opportunity to visit sites on their own, enjoy the Italian cuisine and culture

Safe travels.

## Stay Connected

Visit the SPDC website

<http://spdc.msu.edu/>

Join us at Linked-in

<http://www.linkedin.com/>

Join Michigan State University - Construction Management group on LinkedIn

Get on the mailing list

E-mail your request to [spdc@msu.edu](mailto:spdc@msu.edu)

Career Fair

The 2011 Career Fair will be held on October 19, 2011, at the Campus of MSU. To register for this event please contact Robin Rennie at SPDC.

CM Student Resumés

Current CM graduate and undergraduate resumés are available via e-mail, and a hard copy of the resumé book can be mailed to you directly. Contact Robin Rennie at SPDC.

Robin A. Rennie

Internship Coordinator/Graduate Advisor  
School of Planning, Design and Construction  
Michigan State University  
[rennier@anr.msu.edu](mailto:rennier@anr.msu.edu)  
Phone: 517-884-2502

**MICHIGAN STATE UNIVERSITY**

Student Profiles Photos Study Abroad

About Our Majors Calendar, News, and Events SPDC Global Research and Discovery Real World Applications of Knowledge

Landscape Architecture Est. 1898  
Interior Design Est. 1935

Urban and Regional Planning Est. 1946  
Construction Management Est. 1948

**SCHOOL OF PLANNING, DESIGN & CONSTRUCTION**

**School Vision**

We will be known for leading the integration of planning, design, and construction to create a sustainable built and natural environment that enriches communities, economic and family life through leadership, entrepreneurial creativity, social responsibility, cultural relevance, and environmentally sustainable planning and policy.

MSU E-Mail  
MSU Angel

SPDC Current Students  
MSU Enrollment

MSU Search

# Habitat for Humanity



Habitat - hab-i-tat (noun) - a sealed, controlled environment in which people can live in unusual conditions such as under the sea or in space.  
Humanity - hu-man-i-ty (noun) - (1) kindness or compassion for others; (2) the human race considered as a whole.  
Spartan - Spar-tan (noun) (1) a strong and self-disciplined person, a leader (2) somebody who came from ancient Sparta.

So, once again the MSU Spartans have showed their leadership and strong self-discipline by building a controlled environment in

which people can live in with kindness and compassion. In the fall of 2010, the MSU Spartan Construction Management students volunteered their time and energy to help others in need, to build a home for Habitat for Humanity. This was the first Habitat for Humanity project that has taken place on the MSU campus.

The construction took place at MSU's commuter parking lot, on September 11, 2010. The 1,100 s.f. house will be transported to its permanent location in Lansing, where the interior of the house will be constructed. Anna Malavisi, an MSU philosophy graduate student, and her three daughters, ranging in ages from 4-16, will live in the home.

Habitat for Humanity is a very successful program that teams up volunteers and potential homeowners to build homes. The prospective homeowners do not necessarily work on their own homes but help in the process. They need to engage in a certain amount of hours of work on other homes before they can qualify for their own home.

The CM students get gratification in helping others. One student stated, "I can't wait for the next to volunteer; I'm going to bring my friends along to help. It was a great time"





# MICHIGAN STATE UNIVERSITY

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**Employers, Students and**  
**Friends of Construction**  
**Management at MSU.**