



# CONSTRUCTION MANAGEMENT@MSU

## IN THIS ISSUE:

From the Director ..... 2

In Memoriam..... 3

Alumni Board Update..... 3

- Members
- Committees

Golf Outing ..... 4-5

- 2011 Recap
- 2012 Outing

Awards and Recognition .... 6-7

Alumni Visit Hockey Team ..... 7

Where are they now? ..... 8

Research ..... 9

Career Fair .... 10-11

Study Abroad..... 12-13

Program Structure..... 14

Accreditation.... 15

Stay Connected ..... 15

- SPDC Website
- Facebook
- Linked-In
- Get on Mailing List
- Career Fair
- Student Resumés

## Comments and Suggestions

Send all correspondence to: School of Planning, Design and Construction, 101 HE Building, East Lansing, MI 48824

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

phone: 517-432-0704

fax: 517-432-8108

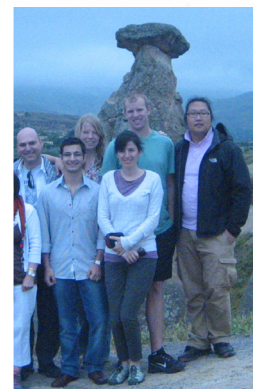
e-mail: [spdc@msu.edu](mailto:spdc@msu.edu)



study abroad



golf



outstanding



in memoriam



# From the Director



Scott Witter, Director of SPDC

This past year we lost a beloved staff person Cathy Morrison to cancer. Cathy worked at MSU for 27 years and touched the lives of students and faculty alike. Devoted to the Construction Management Program, she did anything that she could to improve it. She helped organize the annual golf outing and made sure that everything was in order before and after the event. Her contributions to the program are too many to list. A number of faculty, students and alumni have donated to the Cathy Morrison Construction Management Student Scholarship fund. With more gifts we can make the fund an endowment that will be at MSU forever. Thank you for your support.

## Our Students

Jonglim Yoo, CM Advisor, shares the following about our undergraduate student body:

- We have 115 declared majors in Construction Management and about 35 prospective students taking our 100 and 200 level courses not yet able to declare Construction Management since they are at junior status and have not completed all of our upper admission requirements. They will be reviewed at the end of this spring semester.
- Our last Construction Management Career Fair, October 2011, hosted 30 construction companies. We had almost 200 students in attendance, more than half of them in Construction Management.

- We have about 8 female students (or 6%) from freshmen to seniors. Including racial, ethnic diversity (excluding international) we have a little more than 12% of CM that classify as minorities (women and students of color).
- Of our current spring graduating class, roughly 60% are already placed with positions at the beginning of February. This is probably a low estimate since roughly 40% of the students have yet to report. Our placement data surveys are sent out after graduation. Spring semester will be unusual with a group of international students from Dubai which may throw off placement rates.
- As for last fall's 2011 graduating class, we had almost 90% job placement.
- The CM Competition Team won sixth place in the nationals this year.

Valerie Geyer, Graduate Secretary, shares the following information about our graduate student body:

- We have 16 CM master's students and 8 doctoral students in the program.
- 17 master's degree students will have graduated during the past year and our first two doctoral students will be awarded their degrees in May, 2012.

## Faculty News Highlights

**Dr. Sinem Korkmaz**, Assistant Professor, in addition to teaching two graduate courses, has also published two journal articles, two proceedings articles, and one report in the last reporting period. She also served as PI or Co-PI on \$149,819 in grants.

**Dr. Mohamed A. El-Gafy**, Assistant Professor, taught one undergraduate and two graduate courses; he also published three journal articles, one proceedings article and presented 11 professional presentations in the last reporting period. He serves as major professor to one of our first two doctoral students to graduate from our program in May of 2012.

**Dr. Tariq Abdelhamid**, Associate Professor, taught two graduate courses; he also published two journal articles and made nine professional presentations. He was PI and Co-PI on \$158,000 grants and contracts in the last reporting period. Tariq also served as the lead facilitator of MSU Way-ECOS project helping to get all the partner groups on the same page and time line for new construction projects and a planned maintenance.

**Professor Tim Mrozowski** taught three undergraduate and one graduate course; he led and was PI on an energy code workshop series that trained 1500 building code officials,

home builders, architects and contractors across Michigan. He served as PI and Co-PI on \$577,307 in contracts and grants.

**Dr. Matt Syal**, Professor, taught one undergraduate course twice and one graduate course; he published four journal articles, six conference proceeding articles/abstracts and was PI or Co-PI on \$476,000 in grants and contracts during the last reporting period. He was named Visiting Chair at Lady Irwin College at the University of Delhi and was invited by the United Nations to contribute a module on Construction Management in their Encyclopedia on Sustainable Development.

**Dr. Armagan Korkmaz**, Assistant Professor, taught two undergraduate courses and two more as a part of the first CM study abroad course in Turkey. He receives very good evaluations from the students in his classes. He published three journal articles, three web journal articles and was Co-PI on \$115,000 of ongoing contracts and grants.

**Dr. Dennis Welch**, Specialist, taught six undergraduate courses during the last appointment period and received excellent student evaluations for his work. Dennis also teaches a summer Construction Safety course off campus.

**Marcus Metoyer, Jr.**, MA, taught five courses during the last reporting period. Marcus receives very high reviews from his students. He is the Advisor of the Student Builders and Contractors organization. He participates in the CM career fair, AGC Michigan Chapter, arranging for the SCAN and attends the educator's forum. He also worked with Professor Mrozowski to present three of Energy Code workshops.

**Paul Streng**, Specialist, taught five undergraduate courses during the last reporting period. The students enjoy his classes and his teaching style. He has developed a new summer course that will be offered off campus to allow more flexibility for our students and to generate revenue for the program. Paul also represents the CM program on the Academy for Design and Construction Advisory Council.

I am very proud of our faculty's work during this last year. It was accomplished during a year when two of our CM faculty lost brothers and four lost parents. Our program, faculty and students will continue to do great things.

Please remember to sign up for the annual golf outing!

*Dr. Scott G. Witter, Director*

# In Memoriam

## Cathy Morrison



Cathy Morrison was a genuine, loving, devoted woman that touched every faculty, student and visitor that she came in contact with at MSU. Always thinking of others before herself, Cathy was both blessed by and a blessing to those she knew and loved. Cathy spent 27 years at Michigan State University and took great pride in her job and loved everyone she worked with. Cathy especially enjoyed the time she was able to spend with the students, extending them her help and kindness along the way. Cathy had such a giving heart and purposely looked for ways to give to others.

Cathy dearly loved her family, friends and her career at MSU. Her years of dedication and work afforded her both a happy place in life, and a family that loved her dearly. Cathy will be greatly missed by the University and all whom she touched in her time with us in the CM program.

Douglas Cron, retired CM faculty member, said, "Cathy Morrison was someone the entire faculty and staff could always count on to do what it took to get the job done no matter how

long it would take typically being under tight time frames she did not create. Never any complaints. Even on her vacation days we would often see Cathy in the office making sure everything was being done just because she really cared. The students turned to Cathy like their Mother away from home. She would always do her best to help them no matter what situation they were facing. Then there was Cathy's tremendous cooking talent. Always birthday cakes for faculty and staff, holiday treats that would make your mouth water always wanting more and all home cooked. What a wonderful person and terrible loss for all of us."

See below for those wanting to make memorial contributions in Cathy's name to the charity or to the Scholarship Fund:

Leukemia & Lymphoma Society  
Michigan Chapter  
1471 East 12 Mile Road  
Madison Heights, MI, 48071  
248-582-2900

Cathy's family is also in the process of setting up a scholarship fund through the university in her name. Details of the scholarship fund were not known at the time of printing and will be forthcoming.

### 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, Mark Adler Homes  
Scott Augustine, Mass Electric  
Robert M. Aydukovic, Maryland Center for Construction Education & Innovation (MCCCEI)  
Steve Black, Power Construction

Brandon Booth, Howard & Howard Attorneys, PLLC  
John Borenstein, Honigman Miller Schwartz and Cohn, LLP  
Eric Brouillard, Kasco Construction  
Traci Brower, Clark Construction Co.  
Steve Busen, Skanska USA Building  
Dennis Carignan, Granger Construction Co.

Doug Cron, Cron Management, LLC  
Robert Dunston, A&R Ventures  
Art Eckert, Plante Moran  
Rick Evans, Turner Construction Co.  
Ken Gottschalk, MSU  
Sean Hollister, Barton Malow Co.  
Megan Jacobs, Soil & Materials Engineers, Inc.  
John Kelly, Mosher, Dolan, Cataldo & Kelly, Inc.

Jon Laureto, Wolverine Building Group  
Pamela Mazor, The Dow Chemical Co.  
John McCellend, Hunter Roberts  
Grant Mendeljian, The Christman Company  
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  
Tim Thomas, Erie Architectural Products  
Matt Tuckey, Johnson Controls  
Brad VanSteenkiste, Turner Construction Co.  
Ed Weber, Robertson Brothers  
Scott Witter - MSU  
Ed Wygal, Rockford Construction Co.

# 2012 Golf Outing

The 2012 Alumni Golf Outing will be held on...

**Tuesday,  
August 7, 2012  
at Forest Akers  
Golf Course.**

**Sponsorships  
are needed  
for this  
year's event.**

You will be receiving this year's 2012 registration and sponsorship form shortly. Participation, sponsorships and donation are all very important to the success of this event. We have enjoyed strong alumni and industry support over the past 13 years and trust we can look forward to our existing devoted and new supporters.

Sponsorship opportunities include Gold/Silver/Bronze levels, Sparty Appearance, Beverage Cart, Buffet Lunch, Flag Hole, Longest Drive, Closest-to-the-Pin, Tee or Donation; and this year's Brochure that will include the company or individual's name on each brochure.

If you have any questions please contact Kayla Shupa via e-mail at [cmgolf@msu.edu](mailto:cmgolf@msu.edu) or via telephone at 517-432-0704.



*Team with the Lowest Score, Kramer Management – Matt Johnson, Pete Kramer, Dave Tycocki & Mike DeRose.*



*Jim Beachum received the 2011 CM Distinguished Alumni Award.*



# 2011 Alumni Golf Outing



The 2011 Construction Management Alumni Annual Golf Outing was held on-campus for the first time in its 13-year history at Forest Akers West Course. This is an excellent event for the CM Program that brings alumni together in a relaxed setting and provides an excellent networking opportunity to strengthen, rekindle or develop new relationships with the alumni and companies who participate. Last year's outing generated \$10,112 in funding

for the program. 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 2011 Golf Outing a great success!

The new location was deemed a big success and 2012's outing is scheduled to remain on campus, Tuesday, August 7, 2012. The

number of golfers totaled 116 and the winning participants included: Longest Drive – Nathan Pitters, Barton Malow Company, Longest Drive (female) - Anne Johnson, John E. Green and Closest to the Pin – Jeff Tuley from the Granger Construction foursome, and Team with the Lowest Score was from Kramer Management – Pete Kramer, Matt Johnson, Dave Tycocki and Mike DeRose.

## 2011 Golf Sponsors - Thank You

Barton Malow Company .....	Gold Sponsor	Tim Mrozowski.....	Tee Sponsor	Lawrence Morton.....	Donation
McCarthy Building Companies .....	Gold Sponsor	Tim Prochko .....	Tee Sponsor	Mosher Dolan, Inc. ....	Donation
Fred Lavery Company.....	Bronze Sponsor	The Eisen Group .....	Tee Sponsor	Nuthouse Sports Grill .....	Donation
Cron Management, LLC.....	Sparty Sponsor	Mark Adler Homes; LLC .....	Donation	Nicholas Nykerk.....	Donation
O.L. Bolyard Lumber Company ..	Beverage Cart Sponsor	Agree Realty.....	Donation	Old Chicago.....	Donation
Centennial Electric, LLC.....	Closest to the Pin	Amalio Corporation.....	Donation	R. William Sheathelm .....	Donation
N.A. Mans And Sons, Inc.....	Longest Drive	Justin Barnes.....	Donation	Rockford Construction Company.....	Donation
John E. Green Company .....	Buffet Lunch	Beachum and Roeser Development...	Donation	Sam Eyde Management Co., L.L.C....	Donation
Skanska USA Building Inc. ....	Buffet Lunch	Beggars Banquet.....	Donation	Don Schafer.....	Donation
DeMaria Building Company.....	Flag Sponsor	Te Jun Cheng .....	Donation	Scheck Technical Services.....	Donation
Emergent Biosolutions.....	Flag Sponsor	Sean Cooley.....	Donation	State Custom Builders.....	Donation
Hensel Phelps Construction .....	Flag Sponsor	Thomas Cyr.....	Donation	Aaron Sun.....	Donation
Usztan, LLC.....	Flag Sponsor	Bradley and Marge des Lauriers .....	Donation	The Christman Company.....	Donation
Williams Homes, Inc. ....	Flag Sponsor	David Robertson Consulting.....	Donation	The Gillespie Company .....	Donation
Michigan CAT .....	Flag Sponsor	Granger Construction Company.....	Donation	The Summit Company.....	Donation
Beals Hubbard, P.L.C. ....	Tee Sponsor	Harrison Roadhouse.....	Donation	The Walbridge Group .....	Donation
Downtown Development Advisors, LLC .....	Tee Sponsor	John Kelly.....	Donation	Timothy Thomas.....	Donation
Freeman, cotton & Gleeson, PLC. Tee Sponsor		KHS&S Contractors.....	Donation	Trend Millwork .....	Donation
Grant & Amy Mendeljain.....	Tee Sponsor	Kramer Management Company .....	Donation	Matt Tuckey .....	Donation
Marcus & Lisa Metoyer.....	Tee Sponsor	Phillip Krieger .....	Donation	Turner Construction .....	Donation
MSU Federal Credit Union .....	Tee Sponsor	LaForce, Inc.....	Donation	VWR International .....	Donation
Midwest Pro Painting, Inc. ....	Tee Sponsor	John McClelland.....	Donation	Ed Weber.....	Donation
Kyle Mosteller.....	Tee Sponsor	Damon Mestdagh .....	Donation	Tucker Wilkinson .....	Donation
		Michigan State University.....	Donation		
		Dan & Sharon Moody .....	Donation		

# Awards and Recognition

## Competition Teams

Each year the CM program participates in commercial and residential competitions through the CMP 491 class. The course focuses on students putting their education and experience into action. Experience from both the classroom and industry are employed to develop construction estimates, schedules, cash flow projections, management and organization, marketing & risk analysis, land development, and green building principles. By taking these skills and developing mock construction companies the students produced proposals for residential and commercial construction projects from around the nation. The students placed 7<sup>th</sup> in this year's commercial competition for a new outpatient center for the Veterans Administration in Walla Walla, Washington. The national residential competition was a 22 acre undeveloped site located in Huntsville, Alabama in which the students had to design residences. The students placed 6<sup>th</sup> in this national competition hosted by the NAHB at this year's International Builders Show held in Orlando, FL.



*Left to right: Aaron Ide, Rachel Wilber, Damon Mestdagh, Te Jun Cheng, Thomas Wolf, Steve Arnold*



*Left to right: Ken Gottschalk (Coach), Te Jun Cheng, Steve Arnold, Steve Nellis (Alum), Rachel Wilber, Tom Wolf, Amanda Karaba (Interior Design), and Damon Mestdagh*

# Awards and Recognition

## 2012 Outstanding Alumni Award

It is the pleasure of the MSU Construction Management and Industry Advisory Association to honor John Clark, the Agriculture and Natural Resources Alumni Association's 2012 Outstanding Alumnus Award recipient.

John has more than 40 years of experience in the construction industry. The eldest of Leon and Frances Clark's eleven children, John began his career in construction working summers and during school breaks, for his father's company. His first projects were completed in the industrial/manufacturing plants of General Motors' Lansing facilities. Since then he has completed construction projects for commercial, industrial, and institutional customers throughout Michigan. John is well respected among owners such as Michigan State University, University of Michigan, State of Michigan, General Motors, Kellogg Company, Clinton County, Ingham County, among others.

John is currently Chairman of the Board for the company his father founded. He is actively

involved in the executive direction of Clark Construction Company projects. John plays a key role in business development and helps direct company policy. He is a mentor to the construction industry and a tremendous asset as well as a community leader.

John's commitment to Michigan State University is exemplified by his generous gift to the School of Planning, Design, and Construction, Construction Management program. Clark Construction Company has been actively involved in the Construction Management program's Career Fair, and Annual Golf Outing. Clark Construction Co. has hired several MSU alumni as full time employees. John encourages members of his management team to be actively involved in the MSU Construction Management Alumni and Industry Advisory Association.

A 1967 graduate of the MSU CM program, John Clark is a well respected leader of a

successful Michigan company — and also a stakeholder in the School of Planning, Design, and Construction, since he has hired several MSU Construction Management graduates who are now the leaders of his company.

John has given generously to support the Construction Management program and is an outstanding example of what a "Spartan" alumnus should be.



John M. Clark

## CM Class of 1961 Returns to Campus



L to R: M. Brennan, Scott Witter, Harry Durbin, Jack Hayes, Ken Gottschalk, Gary Murphy, Jeff Adcock, Larry Morton.

In June of 2011, former CM alumni return to campus for a few days. The alums toured campus and the Human Ecology building, where the programs resides, and had brunch with faculty and CM alums. Reflections of drafting with T-square and hand written estimates were shared with new technologies of BIM 4D & 5D capabilities with computer based estimating and scheduling techniques. Dr. Witter provided an overview of the changes over the years along with the long term vision of the industry and program. The class of 1961 started the CM Alumni Board that has paved the way to current MSU Construction Management Alumni and Industry Advisory Board that is 36 members strong today.

## Construction Management Hockey Team



The Construction Management Hockey Team was back in action for the 2012 IM Hockey season. The "Dekes of Hazard" comprised of sophomores, juniors, seniors, and professors went undefeated in the league but lost in semifinals to the 2011 Champions. The team was assembled by students seeking networking opportunities, team building skills, and to continue the sport they grew up playing. Games were played from March through April here on campus in Munn Arena.

# Where are they now?

## Steve Nellis

Mr. Nellis holds a B.S. degree in Construction Management from Michigan State University awarded in June of 1982 and will complete the requirements for a Master's degree in Construction Management from East Carolina University in May of 2012.

Mr. Nellis was most recently the Director of Construction for the Dallas – Fort Worth Division of Meritage Homes, a publicly traded new home builder. Mr. Nellis has also served as the Associate Dean of the Construction Management and Technology program at North Lake College.

Mr. Nellis is also the Founding Member of N&A Homes, LLC, established in August 2008. Steve is also the Principal for Nellis & Associates, Inc., a consulting company that works with the National Association of Home Builders' education development committees.

Mr. Nellis worked for Centex Homes for nearly 25 years. The last position he served Centex Homes as Vice President - Recruiting from February 1999 until February 2007. He initiated and managed both the Centex Homes "Build Your Future" and the National Association of Home Builders (NAHB) National Housing Endowment/

Centex Homes college scholarship programs

He has many NAHB professional designations which include a Certified Graduate Builder (CGB), Graduate Master Builder (GMB), Certified Green Professional (CGP), is a Green Build Verifier, and an approved instructor of NAHB's University of Housing classes. He is a member of the Student Chapter Advisory Board of the Home Builders Institute, of which he is a Trustee, and has managed the Student Chapters' National Competition since 1993; the Michigan State University Building Construction Management Program Alumni Advisory Board since 2000.

Mr. Nellis has had an active role in the American Council for Construction Education (ACCE); and is the NAHB representative to the ACCE Board of Trustees for which he was the Vice-President of the organization for 2007-2008 and will serve as President for 2009-2011.

Steve states that his biggest satisfaction has been being able to work with all of the students in the program and helping the NAHB Student Chapter's teams with their competition.



...and now for the fun stuff:

Steve is a member of the PBA (professional bowlers association)

His nephew Joe Trubiano is currently a freshman at MSU.

Steve is proud to soon have his automobile sporting MSU college plates from the state of Texas.



## Patrick K. Gillespie

A Lansing native and graduate in CM at Michigan State University, Patrick K. Gillespie is a true visionary in his industry. Launching his business, Gillespie Group, in 1994, Pat has morphed his passion for development of real estate into so much more. Known for his expertise in the multi-family arena, Pat has expanded the workings of Gillespie Group to encompass mixed-use developments in urban cores through both new and revitalization projects.

His heartfelt mission to affect positive change within the communities Gillespie develops drives him and his team to create spaces that are not only functional and marketable, but also offer a greater impact of creativity, collaboration and energy. The most recent notable development showcasing this passion is The Armory, which is now home to numerous nonprofits as well as the Gillespie Group corporate headquarters.

With a portfolio today of over eighteen real estate developments, Gillespie continues to give time outside of the real estate world, holding multiple board positions for groups such as Capital Region Community Foundation, Sparrow Foundation, Lansing Chamber of Commerce Board of Directors, LRCC Political Action Committee, Summit Community Bank and Junior League of Lansing Community Advisory.

A true Spartan through and through, Pat and his wife Jennifer reside in East Lansing with their three children; Patrick, Meghan and Zachary. As an MSU football Alumnus, Pat shows his undying support for MSU athletics by attending as many athletic functions as possible, cheering on his fellow Spartans. To learn more about Pat and Gillespie Group, visit [www.gillespie-group.com](http://www.gillespie-group.com).



# CM Research at MSU

Below is a listing of ongoing research projects within Construction Management at MSU. Tariq Abdelhamid, PhD, Associate Professor of Lean Construction at our School of Planning, Design and Construction, serves as the Research Director CIREC; Lead Facilitator of the MSU Way ECOS project - an initiative undertaken by Physical Plant and Residential and Hospitality Service to streamline processes within and between units that support the MSU campus operations and service; he is the content developer for the AGC of America Lean Construction Education Program; he serves as the principal investigator on a contract with Enovio Consulting for the stated project.

- Major Advisor – MS Thesis:  
**Development and Assessment of a Refined Masonry Construction System** - with John Martin and Dr. Armagan Korkmaz

**Exploring Crew Behavior during Unexpected Events in Construction** –with Ankur Desai and Prof. Tim Mrozowski

**Construction Crew Design: A Lean Approach** –with Naveen Nerwal and Prof. Tim Mrozowski

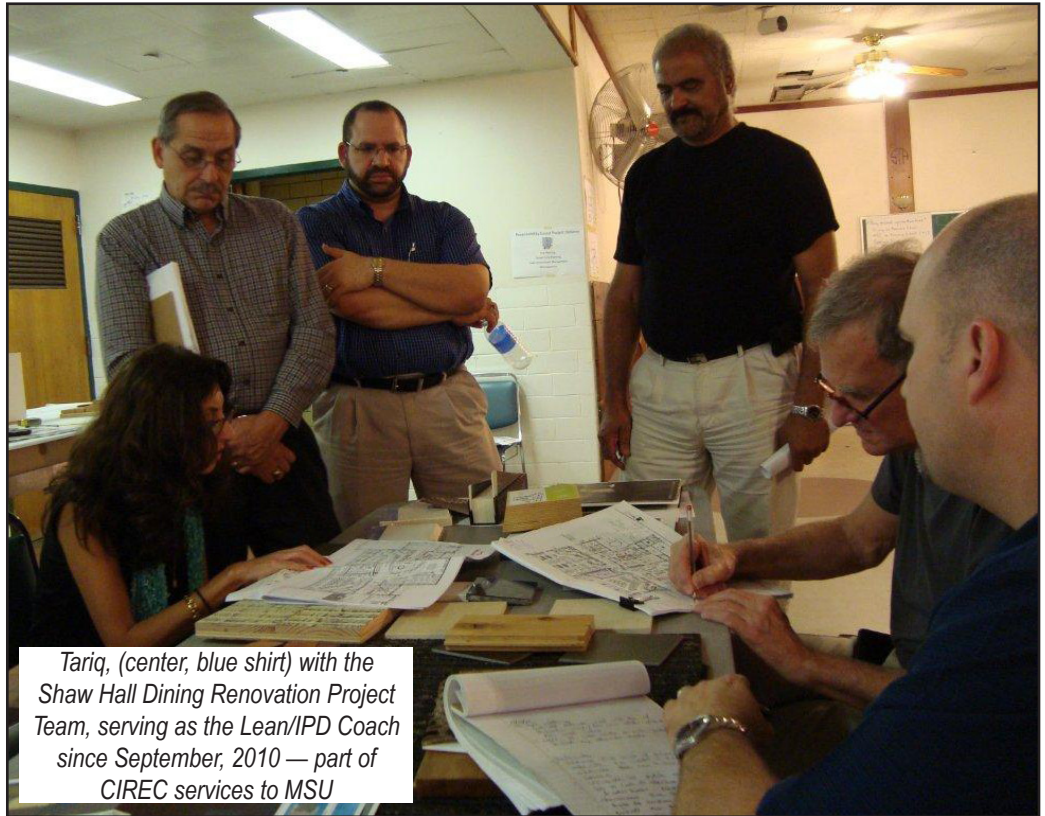
**A New Prediction And Prevention Approach For Trench Excavation Cave-Ins** –with Krupesh Kakkente and Dr. Armagan Korkmaz

**Impact of Imperfect Information on Execution of Construction Operations** –with Ali Lahouti and Prof. Tim Mrozowski

- Major Advisor – PhD Thesis:  
**Built Environment Project Disruptions: A Resilience Engineering Perspective** – with Don Schafer

**Information Flow On Construction Jobsites** – with Heather Moore

**Lean Crew Design on Construction Projects** – with Wenda Nofera



*Tariq, (center, blue shirt) with the Shaw Hall Dining Renovation Project Team, serving as the Lean/IPD Coach since September, 2010 — part of CIREC services to MSU*

*To date, CIREC has received \$600,000 in funding. Dr. Fred Poston sponsors the center with an annual budget of \$100,000. Research results are published at [www.cirec.msu.edu](http://www.cirec.msu.edu).*

MSU Construction Industry Research and Education Center (CIREC)

## Construction Project Design and Management Performance Benchmarking System at Institutions of Higher Education

**Project Background**  
Benchmarking helps identify successful design and construction management practices. Through evaluation of performance, it reveals and underlying reasons of success, and informs improvement initiatives. This project will establish a benchmarking system with other universities, comparing project information such as schedule, cost, customer satisfaction, and other items.

**Project Activities**

- Identify how an institution's construction project performance compares to others
- Inform process improvement initiatives

**Measures of Success**

- ✓ Performance metrics identified by Nov 2009
- ✓ Data collected /available by March 2010
- ✓ Interactive database created by June 2010
- ✓ Data Analysis – 1<sup>st</sup> round by October 2010

**Project Vision (End State)**

**Assumptions / Constraints**

- Start with a small group
- Measure what the group values
- Data collection frequency (3 times per year); Online system
- Establish criterion for sharing and disseminating data

**Team Members :**  
MSU: Jack Mumma, Chad Stirrett, Dan Bollman, Leisa Williams-Swedberg, Jeff Bonk, Tariq Abdelhamid, Tim Mrozowski, Ali Lahouti

[www.cirec.msu.edu](http://www.cirec.msu.edu)

# Career Fair

**The MSU 2012 Construction Management Career Fair will be held on October 17th, 2012.**



**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

# Career Fair



# Study Abroad



## Crossing Asia in Two Weeks

The School of Planning, Design and Construction (SPDC) traveled from East Asia to the furthest part of West Asia all in Two weeks. This wonderful group of students along with Faculty Drs. Armagan Korkmaz and Sinem Korkmaz traveled first to South Korea and then to Turkey.

SPDC is committed to preparing the students to be globally aware through international academic and professional experience. The school's goal is for as many students as possible to benefit from international experience and to graduate with knowledge of the three major worlds regions, North America, Europe and Asia. The Study Abroad program's goal is to



immerse and experience the cities and culture of these areas.

So this year's experience was wonderful. The study abroad program trip consisted of a visit to South Korea and then Turkey. In South Korea they traveled to Seoul and collaborated with Hanyang University. The local students from Hanyang University helped the Spartans discover Seoul and Asian Culture. They visited different construction sites including high tower and bridge constructions.

After about a week in Seoul, the travels were headed to the furthest western part of Asia to Istanbul, Turkey. There they



were met by students from Yildiz Technical University in Istanbul which is one of the best universities in Turkey. In Istanbul, the group visited new construction and also historical locations. Besides Istanbul, visits were made to Capacoica, Antalya, Izmir and Konya. Also in Istanbul, the Ottoman Palaces and historical towns were toured. While in Izmir, a stop was made to Ephesus which is one of the Wonders of the World.

At the end of the program, lectures about new and historical backgrounds of Turkey were attended. The group learned and enjoyed a quite a bit about Asian, European and Middle Eastern culture on one continent in one-month program.

# CONSTRUCTION MANAGEMENT

**Established in: 1948**

**Accredited by: American Council for Construction Education (ACCE)**



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>

## 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

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.

## 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



## CM Program ACCE Accreditation Information

its evaluation and meet its standards and criteria. ACCE is recognized by the Council for Higher Education Accreditation (CHEA) as the accrediting agency for Baccalaureate and

first program to do that. Since this started several years back, ACCE has encouraged all programs to send their boards and now holds special sessions for Industry Advisory boards. Jeff Adcock and Grant Mendeljian attended the national meeting in Phoenix in February, along with Professor Tim Mrozowski on behalf of MSU.

What is the ACCE Accreditation? This is a typical question in the minds of most CM alumni and supporters that aren't regularly in direct contact with the program. ACCE stands for the American Council of Construction Education (ACCE). The accreditation assures the program meets certain quality standards for its faculty, curriculum, student services and fiscal stability. This is extremely important in attracting funding, graduate students, faculty and most importantly a high level of employer confidence that hire our students.

ACCE's main mission and purpose is to be a leading global advocate of quality construction education; and to promote, support, and accredit quality construction education programs. ACCE accredits construction education programs in colleges and universities that request

Associate Degree programs in construction, construction science, and construction management and construction technology located throughout North America.

The CM Program has been accredited since 1998, and was successfully re-accredited for the second time in the fall of 2010. The re-accreditation process is required every six years and typically requires six months of self evaluation/preparation from the faculty and three-plus day visit from the on-site accreditation committee from ACCE.

Our members from the CM Alumni and Industry Advisory Board have been attending ACCE national meetings. Our Alumni board was the

ACCE is always looking for involvement of industry members which is a great way to impact construction education. Involvement by our MSU board gives the board a working knowledge of how accreditation works, gives our board a chance to influence standards, and helps the board as they review and suggest industry-relevant changes to our curriculum or prepares for involvement in the ACCE site visits.

For more information on ACCE go to: [www.acce-hq.org](http://www.acce-hq.org)



## Stay Connected

Visit the SPDC website

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

Like us on Facebook

<http://www.facebook.com/MSUConstructionMgt>

Join us at Linked-in

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

Get on the mailing list

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

### Career Fair

The 2012 Career Fair will be held on October 17, 2012, 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**

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# MICHIGAN STATE UNIVERSITY

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