AGC EDUCATION AND RESEARCH FOUNDATION

2012 OUTSTANDING EDUCATOR AWARD

NOMINATION PACKAGE

for

Dr. Yilmaz Hatipkarasulu

Construction Science and Management Program

The University of Texas at San Antonio

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AGC EDUCATION AND RESEARCH FOUNDATION

2012 Outstanding Educator Award

Nomination Checklist

Please complete all items and return this checklist with the application form and other items listed below for the Outstanding Educator Award. DEADLINE IS NOVEMBER 15, 2011.

NOMINATED EDUCATOR:

Name: YILMAZ HATIPKARASULU, PHD Title: ASSISTANT. PROFESSOR

Department: CONSTRUCTION SCIENCE AND MANAGEMENT

College or University: COLLEGE OF ARCHITECTURE, UNIVERSITY OF TEXAS AT SAN ANTONIO

Contact Address: 501 CESAR E. CHAVEZ BOULEVARD

City/State/Zip: SAN ANTONIO, TX 78207

Telephone Number: 210.458.3167(office) E-mail Address: yilmaz.karasulu@utsa.edu

■ ■ ■

PLEASE ENCLOSE THE FOLLOWING IN A SINGLE PACKAGE (ALONG WITH TWO COPIES), NOMINATING THE ABOVE EDUCATOR FOR THE OUTSTANDING EDUCATOR AWARD:

☒This checklist

☒ ONLY one letter of nomination, jointly signed by an administrative faculty member of the nominee's institution and an officer of a construction company whose company is an AGC member.

☒ Completed four-page application form with any attachments (if additional space is required).

☒ Undergraduate teaching load summary sheet.

☒ A statement from the administrator of the nominee's department as to what constitutes a **full-time teaching load** at that institution.

☒ Letter from the dean of the college, or higher university official, documenting the construction program's accreditation by either ACCE and ABET, the unit which administers the program, and the degree awarded

☒ A maximum of three letters of reference for the nominated educator; please include one from each of the following three sources:

a) Fellow Educator

b) Present or former student

c) AGC contractor

Signature: Yilmaz H. Karasulu Date: November 14, 2011

AGC EDUCATION AND RESEARCH FOUNDATION
2300 Wilson Blvd, Ste 400, Arlington, VA 22201 ■ Phone (703) 837-5342 ■ Fax (703) 837-5451 ■ patricianm@agc.org

Letter of Nomination

UTSA THE UNIVERSITY OF TEXAS AT SAN ANTONIO™
COLLEGE OF ARCHITECTURE

San Antonio

DATE: November 14, 2011

TO: Board of Directors
Associated General Contractors (AGC) of America
Education and Research Foundation
Arlington, VA

RE: **2012 Outstanding Educator Award Nomination for Dr. Yilmaz Hatipkarasulu**

Dear Board of Directors:

It is a pleasure to write this letter to nominate Dr. Yilmaz Hatipkarasulu for the AGC Education and Research Foundation's 2012 Outstanding Educator Award. Dr. Hatipkarasulu is a full-time tenure track faculty member at the University of Texas at San Antonio (UTSA) Construction Science and Management (CSM) Program. Before joining the UTSA faculty in 2009, he served at Texas A&M University's Construction Science Department (2005-2009) and Louisiana State University's Construction Management Department (2003-2005).

UTSA CSM Program is a four-year academic program offering a Bachelor of Science degree in Construction Science and Management, approved by the Texas Higher Education Coordinating Board in August 2008. Dr. Hatipkarasulu is the first dedicated construction faculty member at UTSA carrying full-time teaching responsibilities as well as administration duties as the program coordinator. Under his leadership, the program grew from 28 to 212 students in the last two years. Program also received "Accreditation Candidate Status" from the American Council for Construction Education (ACCE) in November 2010. Dr. Hatipkarasulu was instrumental in developing the curriculum to the ACCE accreditation standards and developed most of the curriculum content.

Dr. Hatipkarasulu is an outstanding educator with in-depth understanding of the construction profession. In the last two years, he taught 19 undergraduate construction classes in 11 different topics while maintaining one of the highest student evaluation scores in the College of Architecture. Over the years, he received several teaching awards including the "2010-2011 Outstanding Teaching Award" from the UTSA College of Architecture.

In 2009, Dr. Hatipkarasulu established the first construction student organization at UTSA, Construction Management Student Association. As the construction student body grew over the last year, the program also established an AGC Student Chapter supported by the AGC of San Antonio. Dr. Hatipkarasulu also developed a scholarship program dedicated to the construction students with the support of the UTSA Construction Industry Advisory Council. In 2010 and 2011, the scholarship efforts resulted in forty-three (43) awards valued over $50,000.

Dr. Hatipkarasulu maintains a close relationship with construction industry. He served at several organizations including the Foundation of the American Subcontractors Association as a Director (2006-2008), Builders Exchange of Texas Education Council as an Advisory Board Member (2009-present), and American Council for Construction Education as a Finance Committee Member and Accreditation Visiting Team Member. He delivered several invited speeches for construction trade associations and professional societies on construction higher education, reverse auctions and professional ethics topics.

We strongly believe that Dr. Hatipkarasulu is an outstanding construction educator with his in-depth knowledge, dedication to his students and exemplary work ethic. Thank you for your consideration and please do not hesitate to contact us if you have any questions or need additional information.

Sincerely,

John D. Murphy, Jr., PhD, AIC, Assc. AIA

Dean, College of Architecture
The University of Texas at San Antonio
501 César E. Chávez Boulevard
San Antonio, TX 78207
210.458.3010

T.J. Rogers

Bartlett Cocke General Contractors
President, AGC San Antonio Chapter
10806 Gulfdale
San Antonio, Texas 78216-3607
210.349.4921

Application Form with Attachment

AGC EDUCATION AND RESEARCH FOUNDATION

2300 Wilson Blvd, Ste 400, Arlington, VA 22201 ■ Phone (703) 837-5342 ■ Fax (703) 837-5451 ■ patricianm@agc.org

2012 Outstanding Educator Award
APPLICATION FORM

Date: November 14, 2011

NOMINEE: Please complete ALL sections of this application form. Type or print using BLACK ink. Use N/A if question does not apply. Mail this form, accompanied by the required letter of nomination and letters of endorsement (with two copies of all materials) to: Melinda Patrician, Director, AGC Education and Research Foundation, 2300 Wilson Blvd, Suite 400, Arlington, VA 22201 or email (one copy) to patrician@agc.org. **ENTRY MUST BE EMAILED OR POSTMARKED BY NOVEMBER 15, 2011.**

I. PERSONAL

A. Name HATIPKARASULU (LAST) YILMAZ (FIRST) (MIDDLE)

B. Home Address 20010 (NUMBER) HORIZON WAY SAN ANTONIO (CITY) TX (STATE) 78258 (ZIP)

C. Telephone – Home: 210.362.1067 Office: 210.458.3167

D. Email: yilmaz.karasulu@utsa.edu

II. UNIVERSITY INFORMATION

A. Name of Institution: UNIVERSITY OF TEXAS AT SAN ANTONIO

B. Program Name CONSTRUCTION SCIENCE AND MANAGEMENT

C. Accreditation - Attach letter from dean of college or higher university official documenting the construction program's accreditation by either ACCE or ABET; the unit which administers the program; and the degree awarded.

Accrediting Body AMERICAN COUNCIL FOR CONSTRUCTION EDUCATION (ACCE)

Administrative Department/School or Unit: COLLEGE OF ARCHITECTURE

Degree Awarded BACHELOR OF SCIENCE IN CONSTRUCTION SCIENCE AND MANAGEMENT

III. EMPLOYMENT INFORMATION

A. Number of Years Full-Time Teaching: EIGHT (8) YEARS

At Present Position TWO (2) YEARS At Other Institutions: SIX (6) YEARS

B. Current Position - Title and Rank: ASSISTANT PROFESSOR AND PROGRAM COORDINATOR

C. Area of Specialization CONSTRUCTION MANAGEMENT; ESTIMATING AND SCHEDULING; PROJECT CONTROLS; CONSTRUCTION SAFETY; ETHICS AND DECISION MAKING

D. Teaching - Use enclosed **Teaching Load Summary** sheet to list actual undergraduate teaching loads for the last five years. Include semester/quarter, course name, credit hours, number of students, and recitation/lecture/laboratory hours per week. Have the list verified by department administrator.

E. Provide a separate statement from the administrator as to what constitutes a **full-time teaching load** at current institution.

F. Employment History - Academic and Industry Experience

List below positions held for one year or more, including dates of employment and a brief description of duties. Please list most recent position first. Nominees should have a minimum of four (4) years of full-time teaching experience.

From: AUGUST 2009 (Month/Year) To: PRESENT (Month/Year)

Name of College/University: COLLEGE OF ARCHITECTURE, UNIVERSITY OF TEXAS AT SAN ANTONIO

Program Name: CONSTRUCTION SCIENCE AND MANAGEMENT

Address: 501 CÉSAR E. CHÁVEZ BOULEVARD, SAN ANTONIO, TX 78207

Telephone: 210.458.3010

Dept. Head/Supervisor Name: JOHN D. MURPHY, JR, PHD, COLLEGE OF ARCHITECTURE DEAN

Responsibilities: FULL-TIME TEACHING, RESEARCH/SCHOLARSHIP, SERVICE AS PROGRAM COORDINATOR, INTERNSHIP COORDINATOR, ADVISOR TO STUDENT GROUPS

From: AUGUST 2005 (Month/Year) To: FEBRUARY 2009 (Month/Year)

Name of College/University: COLLEGE OF ARCHITECTURE, TEXAS A&M UNIVERSITY

Program Name: CONSTRUCTION SCIENCE

Address: 3137 TAMU, LANGFORD BLDG. A, ROOM 424, COLLEGE STATION, TX 77843-3137

Telephone: 979.845.1017

Dept. Head/Supervisor Name: JOE HORLEN, JD CONSTRUCTION SCIENCE DEPARTMENT HEAD

Responsibilities: FULL-TIME TEACHING, RESEARCH/SCHOLARSHIP, SERVICE AS UNDERGRADUATE COORDINATOR

From: FEBRUARY 2003 (Month/Year) To: AUGUST 2005 (Month/Year)

Name of College/University: COLLEGE OF ENGINEERING, LOUISIANA STATE UNIVERSITY

Program Name: CONSTRUCTION MANAGEMENT

Address: 3128 PATRICK F. TAYLOR HALL, BATON ROUGE, LA, 70803-6419

Telephone: 225.578.5112

Dept. Head/Supervisor Name: CRAIG M. HARVEY, PH.D, INTERIM DEPARTMENT CHAIR

Responsibilities: FULL-TIME TEACHING, RESEARCH/SCHOLARSHIP, SERVICE

IV. ACADEMIC INFORMATION

A. Degrees Held:

List in chronological order of attendance all colleges and universities attended with dates of attendance at each, degrees received and dates of each, and major field of study at each.

Dates of Attendance		Major Field of Study	Degrees Received	Date Received
From: 1999	To: 2002	CIVIL ENGINEERING	PHD	DEC 2002
From: 1997	To: 1998	CIVIL ENGINEERING	MS	AUG 1998
From: 1992	To: 1996	CIVIL ENGINEERING	BS	SEPT 1996

B. Membership in Professional Societies:

List name of society, dates of membership, positions/offices held. SEE ATTACHMENT PAGE 3.

C. P.E. Registration and/or Contractor License: N/A

D. Honors and Awards: SEE ATTACHMENT PAGE 4.

V. ACTIVITIES WITH STUDENTS

A. Undergraduate Faculty Advisor (with dates): AGC Student Chapter, AlC Student Organization, Other Organizations such as SLX, SWE, Tau Beta Pi, ASCE, etc. SEE ATTACHMENT PAGES 23 AND 25.

B. Undergraduate Scholastic Advising/Counseling Responsibilities; Number of Undergraduate Advisees: SEE ATTACHMENT PAGES 24 AND 26.

C. Advisor, Undergraduate Student Projects: N/A.

D. Other Undergraduate Student Related Activities: SEE ATTACHMENT PAGES 27 AND 28.

E. Work with Graduate Students: SEE ATTACHMENT PAGES 21 AND 22.

F. Contributions to Construction Education Task Groups, Committees, Accreditation Teams, etc., Related to AGC, ASC, ACCE, ABET, AlC, ASEE, etc. SEE ATTACHMENT PAGE 3.

VI. COLLEGE AND UNIVERSITY SERVICE

A. Committees (College or university level only):

SEE ATTACHMENT PAGES 23 AND 25.

B. Other Campus Activities:

SEE ATTACHMENT PAGES 27 AND 28.

VII. SERVICE TO THE CONSTRUCTION INDUSTRY

A. Activities with Local AGC Chapter(s): TAUGHT TWO JOINT WORKSHOPS (UTSA/AGC SAN ANTONIO) ON "PRACTICAL CONSTRUCTION SCHEDULING" August 9th and 18th , 2011

B. Activities with AGC of America: PRESENTATIONS AND RESEARCH ON REVERSE AUCTIONS

SEE ATTACHMENT PAGES 13 AND 14.

C. Other Industry Service:

SEE ATTACHMENT PAGE 3 AND 11.

VIII. LETTERS OF ENDORSEMENT

Nominees may attach only three (3) letters of endorsement for the Outstanding Educator Award; please include one from each of the following three sources:

a) Fellow Educator	Brig. Gen. Jude Patin (Retired), Senior Lecturer, UTSA CSM Program
b) Present or former student	Mr. Harrison Pierce, UTSA CSM Senior
c) AGC contractor	Ms. Maryanne Guido, CEO, Guido Brothers Construction Company

IX. ADDITIONAL INFORMATION

Include any additional information which you think may be helpful in evaluating your qualifications for this award.

I agree that this nomination form and all attachments may be used for the purposes of evaluation and selection by the Board of Directors of the AGC Education and Research Foundation and/or representatives designated by the Board of Directors.

Signature of Nominee: Date: November 14, 2011

Attachment

YILMAZ HATIPKARASULU, PHD

Assistant Professor and Program Coordinator
Construction Science and Management Program
College of Architecture
The University of Texas at San Antonio

501 W. Durango Blvd., San Antonio, TX 78207
210.458.3167 (office) 210.458.3016 (fax) yilmaz.karasulu@utsa.edu

EDUCATION

- **PH.D. IN CIVIL ENGINEERING**

  Louisiana State University, Baton Rouge, Louisiana, December 2002.
  Major: Civil Engineering
  Minor: Industrial Engineering (Human Factors and Occupational Safety)
  Dissertation: "A Variable Response Time Lag Module for Car Following Models Using Fuzzy Set Theory."
  Committee Chair: P. Brian Wolshon, PhD, PE, PTOE

- **M.S. IN CIVIL ENGINEERING**

  Louisiana State University, Baton Rouge, Louisiana, August 1998.
  Thesis: "Development of a GPS Based Approach for Analysis of Microscopic Car Following Theories."
  Committee Chair: P. Brian Wolshon, PhD, PE, PTOE

- **B. S. IN CIVIL ENGINEERING**

  Çukurova University, Adana, Turkey, September 1996.

CERTIFICATION

- **COSS CERTIFICATION**

  Certified Occupational Safety Specialist, Safety Council Inc, Baton Rouge, LA, 2004-2007.

  COSS Certification is for professionals in the safety and health field that coordinates the successful implementation of corporate safety and health plans, coordinates and maybe even conducts safety and health training, and provides support to safety and training managers. Safety Council is a non-profit organization that exists to improve safety in the workplace, community and the home. The Council has over 700 active company and institutional members.

- **COSS INSTRUCTOR CERTIFICATION**

  Certified Occupational Safety Specialist, Safety Council Inc, Baton Rouge, LA, 2005-2007.

- **OSHA 10-HOUR OUTREACH TRAINING**

  Construction and General Industry, Occupational Safety And Health Administration, Washington DC, 2005.

EMPLOYMENT HISTORY

- **ASSISTANT PROFESSOR AND PROGRAM COORDINATOR (2009 TO PRESENT)**

  Construction Science and Management Program
  College of Architecture
  The University of Texas at San Antonio
  San Antonio, TX.

- **UNDERGRADUATE PROGRAM COORDINATOR (2007 TO 2008)**

  Department of Construction Science
  College of Architecture
  Texas A&M University
  College Station, TX.

- **ASSISTANT PROFESSOR (2005 TO 2009)**

  Department of Construction Science
  College of Architecture
  Texas A&M University
  College Station, TX.

- **ASSISTANT PROFESSOR (2003 TO 2005)**

  Department of Construction Management
  College of Engineering
  Louisiana State University
  Baton Rouge, LA.

- **INSTRUCTOR/TEACHING ASSISTANT (2000 TO 2002)**

  Department of Construction Management
  College of Engineering
  Louisiana State University
  Baton Rouge, LA.

- **RESEARCH ASSISTANT (1999 TO 2000)**

  Department of Civil and Environmental Engineering
  College of Engineering
  Louisiana State University, Baton Rouge, LA.

- **CONSULTANT (JANUARY 1999 TO 2001)**

  ykarasulu CAD Design Services
  Hatay, Turkey.

- **PROJECT ENGINEER (1998 TO 1999)**

  Balfour Beaty–Mensel JV
  Almaty-Akmola Road Rehabilitation Project
  Balkash, Kazakshtan.

PROFESSIONAL APPOINTMENTS AND MEMBERSHIP

- **MEMBER, ADVISORY BOARD**

  Builders' Exchange of Texas Education Council, San Antonio, TX 2010- Present.

  Since 1900, The Builders' Exchange has been serving the construction industry by providing a central source of news and information concerning commercial construction in the state of Texas. The Education Council is the research and education extension of the Builders' Exchange of Texas that aims to provide an opportunity for students to truly explore the construction industry in a safe and fun environment. The activities include PACE program (Pre-employment Architectural and Construction Exploration) designed for high school students to explore professions in construction industry.

- **DIRECTOR, BOARD OF DIRECTORS**

  Foundation of American Subcontractors Association, Alexandria, VA, 2006-2008.

  The American Subcontractors Association is a non-profit, national, membership trade association of 5,500 subcontractors, specialty trade contractors and suppliers in the construction industry. The organization is recognized as a united voice dedicated to improving the business environment in the construction industry. Its mission is to amplify the voice of trade contractors and lead them to improve the business environment for the construction industry and to serve as a steward for the community. The Foundation is the research and education extension of the association. Dr. Hatipkarasulu is the first academic to ever hold board director position in the organization's history.

- **VICE-CHAIR, FINANCE COMMITTEE**

  American Council for Construction Education (ACCE), San Antonio, TX. 2007-2010.

  ACCE is the leading global advocate of quality construction education programs and to promote, support, and accredit quality construction education programs. Through promotion and continued improvement of postsecondary construction education, ACCE accredits construction education programs in colleges and universities that request its evaluation and meet its standards and criteria. ACCE is recognized by the Council for Higher Education Accreditation (CHEA) as the accrediting agency for four-year baccalaureate degree programs in construction, construction science, construction management, and construction technology, and as the accrediting agency for two-year associate-degree programs of a like nature.

- **MEMBER, DEVELOPMENT COMMITTEE**

  American Council for Construction Education (ACCE), San Antonio, TX. 2007-2010.

- **MEMBER, SELF ASSESSMENT TASK FORCE**

  American Council for Construction Education (ACCE), San Antonio, TX. 2006-2009.

- **MEMBER, ACCREDITATION VISITING TEAM**

  American Council for Construction Education (ACCE), San Antonio, TX.

  Completed visiting team training in 2003.Participated in reaccreditation visit to Florida International University in 2007.

AWARDS AND HONORS

- **OUTSTANDING TEACHING AWARD 2010-2011**

  College of Architecture, The University of Texas at San Antonio

  Awarded to one faculty member in the College of Architecture in recognition of teaching excellence.

- **OUTSTANDING EDUCATOR OF THE YEAR 2007-2008**

  Department of Construction Science, College of Architecture, Texas A&M University

  Selected by the graduating class in recognition of teaching excellence.

- **OUTSTANDING STUDENT ADVOCATE OF THE YEAR 2007-2008**

  Department of Construction Science, College of Architecture, Texas A&M University

  Selected by the graduating class in recognition of student support in all aspects of the program.

- **CENTER FOR TEACHING EXCELLENCE – MONTAGUE SCHOLAR 2007-2008**

  Center for Teaching Excellence, Texas A&M University

  The Montague Center for Teaching Excellence Scholars Program was initiated in 1991. Named for founding donor Kenneth Montague '37, this program allows the university to recognize excellence in teaching early in a faculty member's career. Annually, each academic college names as Montague-CTE Scholar one tenure-track Assistant Professor who has already demonstrated a commitment to, and potential for, excellence in undergraduate teaching.

- **EXCELLENCE IN TEACHING AWARD, 2005-2006**

  College of Architecture, Texas A&M University

  Awarded by the College of Architecture for receiving the highest graduate student evaluation in academic year 2005-2006. (COSC 621 – Advanced Topics in Construction Project Scheduling and Project Management)

- **CERTIFICATE OF RECOGNITION FOR OUTSTANDING ACCOMPLISHMENTS 2006**

  College of Architecture, Texas A&M University

  Awarded by the College of Architecture for outstanding representation of the university by appointment as a board of director of a national construction industry association.

- **CERTIFICATE OF RECOGNITION 2006**

  International Construction Innovations Conference (ICIC) 2006, Peoria, IL.

  Awarded by the ICIC Executive Committee for keynote speech during the international conference. The conference focuses on cutting edge applications and theories in construction industry and all presentations and speeches are through special invitation.

- **RUNNER-UP, BEST STUDENT PAPER 1997**

  Institute of Transportation Engineers, Southern District (AL, GA, KY, LA, MS, NC, SC, TN, VA)

- **MEMBER, SIGMA LAMBDA CHI**

  International Honor Society for Construction, Upsilon Chapter, 2003-present.

RESEARCH AND SCHOLARLY ACTIVITIES

- **PUBLICATIONS (UNDER REVIEW)**

1. Hatipkarasulu. "Analysis of Struck By Construction Vehicle Fatalities in Road Construction Projects." Under Review. Accident Analysis and Prevention. AAP-S-10-00662. Submitted: October 2010.

2. Hatipkarasulu and Murphy. "Generational Change and Junior Faculty Mentoring in Construction Discipline: Considerations for Success and Survival." Under Review, American Society of Engineering Educators 2012 Annual Conference and Exposition, Construction Division.

3. Hatipkarasulu, Canizaro and Murphy. "Multi-Disciplinary Integration for Design and Construction Freshman: Structural Organization and Challenges." Under Review, American Society of Engineering Educators 2012 Annual Conference and Exposition, Construction Division.

4. Hatipkarasulu and Gunhan. "A Classroom Discussion of Applied Ethics." Under Review, American Society of Engineering Educators 2012 Annual Conference and Exposition, Engineering Ethics Division.

5. Gunhan and Hatipkarasulu. "Scope of Preconstruction Services in Green Building Projects." Under Review, American Society of Engineering Educators 2012 Annual Conference and Exposition, Construction Division.

6. Hatipkarasulu, Gunhan, Pishdad, and Patin. "Development and Implementation of Multi-Level Outcomes Assessment Plan for a Construction Degree Program." Under Review, American Society of Engineering Educators 2012 Annual Conference and Exposition, Construction Division.

- **REFEREED PUBLICATIONS**

1. Hatipkarasulu and Tumay, 2011. "Impact Of Effective Area Ratio Assumption On Pcpt-Based Soil Classification." Accepted for Full Paper Review, International Society of Soil Mechanical and Geotechnical Engineering's 4th International Conference on Geotechnical and Geophysical Site Characterization Conference (ISC-4), Pernambuco, Brazil.

2. Tumay and Hatipkarasulu, 2011. "Effect Of Data Smoothing And Reduction On Cpt-Based Probabilistic Soil Classification." Accepted for Full Paper Review, International Society of Soil Mechanical and Geotechnical Engineering's International Conference on Geotechnical and Geophysical Site Characterization Conference (ISC-4), Pernambuco, Brazil.

3. Tumay, Hatipkarasulu, Marx and Cotton, 2011. "Field Exploration And Subsurface Evaluation For The I-10 Twin Span Bridge Replacement Project, New Orleans, La Using Electronic Cone Penetration Test." Accepted for Full Paper Review, International Society of Soil Mechanical and Geotechnical Engineering's International Conference on Geotechnical and Geophysical Site Characterization Conference (ISC-4), Pernambuco, Brazil.

4. Tumay, Hatipkarasulu, Młynarek, and Wierzbicki, 2011. "Effectiveness of CPTU classification charts for identification of subsoil stratigraphy." Proceedings of the XV European Conference on Soil Mechanics and Geotechnical Engineering, Athens, Greece.

5. Hatipkarasulu and Roff, 2011. “An Early Historical Perspective on Women in Construction.” Proceedings of the Associated Schools of Construction Annual Meeting 2011, Lincoln, NB.

6. Hatipkarasulu and Tumay, 2011. “Practical Visual Presentation Approach for CPT-Based Soil Characterization and Modeling.” Geotechnical Special Publication (GSP) No. 211 - Advances in Geotechnical Engineering, American Society of Civil Engineers, pp. 2387-2396 (GeoFrontiers 2011).

7. Hatipkarasulu and Tumay, 2011. “Impact of Using Measured v. Corrected Tip Resistance Values in PCPT-Based Soil Characterization and Modeling.” Geotechnical Special Publication (GSP) No. 211 - Advances in Geotechnical Engineering, American Society of Civil Engineers, pp. 2544- 2553. (GeoFrontiers 2011).

8. Tumay and Hatipkarasulu, 2010. “CPT-Based Probablistic and Fuzzy Soil Characterization and Modelling – From Theory to Implementation.” Proceedings of the 13th National Congress on Soil Mechanics and Foundation Engineering, Istanbul Kultur Univesity, Istanbul, Turkey. (In Turkish - English Abstract).

9. Hatipkarasulu, 2010. “Project Level Analysis of Special Trade Contractor Fatalities using Accident Investigation Reports” Journal of Safety Research, Elsevier. Vol.41 No. 5 pp. 451-7.

   Received the following citation at the Journal of Technology and Science (January 10, 2011 Issue, p. 2444, 328 words):

   “STUDY FINDINGS FROM UNIVERSITY OF TEXAS BROADEN UNDERSTANDING OF SAFETY ENGINEERING

   “Construction is among the most dangerous industries in the United States accounting for thousands of fatalities every year. Although there is data available on high risk work types and areas, the project-level detail is not readily available," scientists writing in the Journal of Safety Research report. "This paper uses the accident investigation reports to categorize project types and presents project level analysis of 350 fatal accidents for special trade contractors. The results showed that Residential and Commercial projects lead the fatalities where Falls are observed as the leading cause. However, when the fatality causes and project categories are analyzed for each work type, the results showed different fatality cause proportions for each project type," wrote Y. Hatipkarasulu and colleagues, University of Texas. The researchers concluded: "Impact on Industry: Project level analysis approach has a direct impact on identifying high risk work types and areas for special trade contractors by making it possible to focus the prevention and intervention efforts more accurately. while highlighting training and education needs." Hatipkarasulu and colleagues published their study in the Journal of Safety Research (Project level analysis of special trade contractor fatalities using accident investigation reports. Journal of Safety Research, 2010;41(5):451-457).

10. Hatipkarasulu, Tibrawela, and Saginor, 2009. “Project Level Targeting of Occupational Risk Areas for Construction Workers using OSHA Accident Investigation Reports.” Proceedings of the Associated Schools of Construction Annual Meeting 2009, Gainsville, FL.

11. Burt, Warden, and Hatipkarasulu, 2009. “Crater Analysis at Pointe du Hoc Historic Site, Normandy, France.” Proceedings of the 5th International Fields of Conflict Conference, Ghent, Belgium. (Abstract Only).

12. Hatipkarasulu, Liggett and Padilla, 2008. “Using Technology to Teach a New Generation of Constructors: A Student Perspective.” Proceedings of the Associated Schools of Construction Annual Meeting 2008, Auburn, AL.

13. Burt, Hatipkarasulu, and Nobe, 2008. “Evolution of Construction Education in the United States: Two Case Studies.” Proceedings of the Associated Schools of Construction Annual Meeting 2008, Auburn, AL.

14. Hatipkarasulu and Sunkara, 2007. “A Tablet PC Application for Construction Safety Inspections.” Proceedings of the Construction, Building and Real Estate Research Conference (COBRA) 2007, Royal Institute of Chartered Surveyors, Atlanta, GA.

15. Burt and Hatipkarasulu, 2007. “Evolution of Construction Education in the United States: A Case Study.” Proceedings of the Construction, Building and Real Estate Research Conference (COBRA) 2007, Royal Institute of Chartered Surveyors, Atlanta, GA.

16. Hatipkarasulu and Gill, 2007. “Online Reverse Bid Auctions in the Construction Industry: A Review of Application Information and Savings Data.” Proceedings of the Associated Schools of Construction Annual Meeting 2007, Flagstaff, AZ.

17. Hatipkarasulu and Smith, 2007. “Development and Implementation of a Digital Data Collection Method for Graduating Senior Exit Surveys.” Proceedings of the Associated Schools of Construction Annual Meeting 2007, Flagstaff, AZ.

18. Hatipkarasulu and Gill, 2006. “Ethical Identification and Building Trust for the Built Environment: A Systems Approach.” Proceedings of the American Society of Engineering Educators 2006 Annual Conference and Exposition, Ethics Constituency Subcommittee. AC 2006-660.

19. Hatipkarasulu and Gill, 2004. “Identification of Shareholder Ethics and Responsibilities in Online Reverse Auctions for Construction Projects.” Journal of Science and Engineering Ethics, Opragen Publications, UK, Vol. 10, No: 2 . pp 283-288, ISSN: 1471-5546

20. Hatipkarasulu and Aghazadeh, 2004 “Observation of Driver Response Patterns in Car Following.” In the Proceedings of the XVIII International Annual Occupational Ergonomics and Safety Conference, May 19-22, 2004, Houston, TX.

21. Hatipkarasulu and Wolshon, 2003. “A Variable Response Time Lag Module for Car Following Models: Development and Structuring with Fuzzy Set Theory.” Journal of Transportation Research Board, Transportation Research Record No. 1843, Washington DC, pp. 50-61. ISSN: 0361-1981

22. Hatipkarasulu and Wolshon, 2003. “A Variable Response Time Lag Module for Car Following Models Using Fuzzy Set Theory.” Proceedings of the Transportation Research Board 82nd Annual Meeting, Session 235, Washington, D.C., January 2003 TRB CD-ROM - 03-2876

23. Hatipkarasulu and Gill, 2003. “Identification of Shareholder Ethics and Social Responsibilities in Online Reverse Auctions for Construction Projects.” Proceedings of the 3rd Annual Ethics and Social Responsibilities in Engineering and Technology Conference, New Orleans, October 2003

24. Kim, Hatipkarasulu, and Park, 2002. “A Ramp Merge Capacity Model Using Gap Acceptance Theory.” Journal of East Asia Society for Transportation Studies, Vol. 4, No. 2 - Transportation Models, Hanoi, Vietnam, pp. 101-113. ISSN: 1341-8521

25. Wolshon and Hatipkarasulu, 2000. "Car Following Analysis Using GPS.", Journal of Transportation Engineering, American Society of Civil Engineers, Vol. 126, No. 4, pp. 324-331. ISSN: 0733-947X

26. Hatipkarasulu, Wolshon, and Quiroga, 2000. "Global Positioning Approach for Analysis of the Car Following Behavior." Proceedings of the Transportation Research Board 79th Annual Meeting, Session 412, Washington, D.C., January 2000. TRB CD-ROM - 00-0832

27. Hatipkarasulu, Wolshon, and Quiroga, 1999. "A GPS Based Approach for the Analysis of Car Following Behavior." Proceedings of the Transportation Research Board 78th Annual Meeting, Session 235, Washington, D.C., January 1999. TRB CD-ROM – 99-0112

- **LECTURE SERIES AND MANUALS**

1. Hatipkarasulu, 2004. "ProExecute Certification Training Program – Lecture and Workshop Series." Certification Training Program for ProExecute - Online Project Management Software Package. BSG Software Solutions Inc., Baton Rouge, LA. Includes 5-day (24 hrs) Lecture Series and 4 day (16 hrs) Application Workshops.

   ProExecute is a technology subsidiary of construction services provider MMR Group, Baton Rouge, LA. ProExecute provides software that enables companies to manage the specialized communication, documentation and resources associated with print and overall project management.

2. Hatipkarasulu and Gill. 2004. "DVD Lecture Series – Volume 1. Unfair Trade Practices & Home Improvement Scams." DVD Lecture Series for Mold Remediation Contractors License on Unfair Trade Practices and Consumer Protection Laws. Louisiana State Licensing Board for Contractors, Baton Rouge, LA.

   In 2004, State of Louisiana established a legislation that required all mold remediation contractors to be licensed by the Licensing Board for Contractors. As a part of the licensing procedure, 4-hour training on "Unfair Trade Practices and Consumer Protection Laws" was required. To comply with the state law and provide training for the industry, the DVD lecture series were developed, recorded and produced by Jimmy Gill and Yilmaz Hatipkarasulu. The lecture series is employed for the license training program and currently in use by the Louisiana State Licensing Board for Contractors.

3. Hatipkarasulu and Gill. 2004. "DVD Lecture Series – Volume 2. Applied Ethics." DVD Lecture Series for Mold Remediation Contractors License on Unfair Trade Practices & Consumer Protection Laws. Louisiana State Licensing Board for Contractors, Baton Rouge, LA.

4. Hatipkarasulu and Gill. 2004. "DVD Lecture Series – Volume 3. Contractor Licensing Requirements, Unfair Trade Practice and Consumer Protection Laws." DVD Lecture Series for Mold Remediation Contractors License on Unfair Trade Practices & Consumer Protection Laws. Louisiana State Licensing Board for Contractors, Baton Rouge, LA.

5. Hatipkarasulu and Gill. 2004. "DVD Lecture Series – Volume 4. Penalties of Federal and State Laws on Unfair Trade Practice and Consumer Protection." DVD Lecture Series for Mold Remediation Contractors License on Unfair Trade Practices & Consumer Protection Laws. Louisiana State Licensing Board for Contractors, Baton Rouge, LA.

- **TRADE JOURNAL ARTICLES**

1. Hatipkarasulu, 2011. "Gaining Competitive Advantage and Investing in the Future of the Construction Industry." Construction News, Austin, Dallas, Houston, and San Antonio, March 2011 Issue.

2. Hatipkarasulu and Gill, 2005. "What We Know About Reverse Auctions" Contractor Compass, American Subcontractors Association, 3rd Quarter 2005.

- **TECHNICAL REPORTS**

1. Hatipkarasulu, 2010. "ACCE - Application For Candidate Status And Accreditation Review" Construction Science and Management Program, College of Architecture, The University of Texas at San Antonio, San Antonio, TX.

   In review of the application, the UTSA CSM Program was granted "Candidate Status with Full-Self Evaluation Review"

2. Hatipkarasulu and Gill, 2005. "Online Reverse Auction Bidding for Construction Contractors and Subcontractors: Phase II – Impact Analysis." Final Report, Submitted to AGC Education and Research Foundation, Foundation of American Subcontractors Association, Associated Specialty Contractors, Canadian Construction Association, Construction Management Association of America, Associated Builders and Contractors, American Institute of Architects, Design Build Institute of America, and Society of Marketing Professional Services.

3. Hatipkarasulu and Gill, 2004. "Online Reverse Auction Bidding for Construction Contractors and Subcontractors: Phase I – Collection and Review of Exiting Materials and Data." Phase I Final Report, Submitted to AGC Education and Research Foundation, Foundation of American Subcontractors Association, Associated Specialty Contractors, Canadian Construction Association, and Construction Management Association of America.

4. Hatipkarasulu, Gill, and Hammitt, 2004. "ACCE Self Evaluation Report for Re-Accreditation of Construction Management Curriculum – Volumes I and II." Department of Construction Management, College of Engineering. Louisiana State University, Baton Rouge , LA.

5. Hatipkarasulu, 2004. "Integration of International Building Code Applications to Construction Curriculum – OptaSoft Software Integration." Department of Construction Management, College of Engineering. Louisiana State University, Baton Rouge , LA.

6. Smith, Hatipkarasulu, Solano, and Agashi, 2003. "Automated Rig Controls for Improved Drilling Costs." Louisiana Board of Regents, Final Report (FY 2001-03) on Research Activities. Baton Rouge, LA.

7. Hatipkarasulu and Gill, 2002. "Industrial Maintenance Management Needs Survey Results." The National Center for Construction Education and Research (NCCER), Final Report for New Curriculum Development and Analysis, Gainesville, FL.

- **SCHOLARLY ACTIVITIES AS REVIEWER/JURY**

1. Reviewer, Associated Schools of Construction 2010 International Conference, Lincoln, NB.

2. Reviewer, GeoFrontiers 2011 Conference: Advances in Geotechnical Engineering, Dallas, TX.

SCHOLARLY PRESENTATIONS

- **SCHOLARLY PRESENTATIONS AT SCIENTIFIC CONFERENCES AND MEETINGS**

1. Hatipkarasulu, 2012. "Accreditation in the Electronic Age." Scheduled to deliver keynote as Luncheon Speaker, American Council for Construction Education Mid-Year Meeting, Phoenix, AZ. Feb 22-25, 2012

2. Hatipkarasulu 2011. "Practical Visual Presentation Approach for CPT-Based Soil Characterization and Modeling." GeoFrontiers 2011 - Advances in Geotechnical Engineering, Dallas, TX.

3. Hatipkarasulu 2011. "Impact of Using Measured v. Corrected Tip Resistance Values in PCPT-Based Soil Characterization and Modeling." GeoFrontiers 2011 - Advances in Geotechnical Engineering, Dallas, TX.

4. Hatipkarasulu, January 2009. "New Generation of Construction Managers: How to Relate to Future Employees." Presentation and Panel Discussion Participation at the 2009 International Builders' Show, Program ID: 7717, Scheduled for January 21, 2008, Las Vegas, NV.

   > The International Builders' Show is the largest annual light construction show in the world—over a million-and-a-half square feet of the latest and most advanced building products and services ever assembled.

5. Hatipkarasulu, 2008. "A Tablet PC Application for Construction Safety Inspections." Research Symposium 2008, College of Architecture, Texas A&M University, College Station TX.

6. Hatipkarasulu, 2007. "A Tablet PC Application for Construction Safety Inspections." Construction, Building and Real Estate Research Conference (COBRA) 2007, Royal Institute of Chartered Surveyors, Atlanta, GA.

7. Hatipkarasulu, 2007. "Evolution of Construction Education in the United States: A Case Study." Construction, Building and Real Estate Research Conference (COBRA) 2007, Royal Institute of Chartered Surveyors, Atlanta, GA.

8. Hatipkarasulu, 2007. "Online Reverse Bid Auctions in the Construction Industry: A Review of Application Information and Savings Data." Associated Schools of Construction Annual Meeting 2007, Flagstaff, AZ.

9. Hatipkarasulu, 2007. "Development and Implementation of a Digital Data Collection Method for Graduating Senior Exit Surveys." Associated Schools of Construction Annual Meeting 2007, Flagstaff, AZ.

10. Hatipkarasulu, 2006. "Panel Discussion: World of Ethics and Reverse Auctions." International Construction Innovations Conference 2006, Peoria, IL.

11. Hatipkarasulu, 2006. "Ethical Identification and Building Trust for the Built Environment: A Systems Approach." American Society of Engineering Educators 2006 Annual Conference and Exposition, Chicago, IL.

12. Hatipkarasulu, 2006. "Is Construction a Commodity? Pros and Cons of Reverse Auctions" Presented at American Institute of Constructors Annual Forum 2006, Education Day, Chicago, IL

13. Hatipkarasulu, 2006. “Is Construction a Commodity? Pros and Cons of Reverse Auctions” Panel Discussion Participation as the Academic Member at American Institute of Constructors Annual Forum 2006, Education Day, Chicago, IL

14. Hatipkarasulu, 2003. “A Variable Response Time Lag Module for Car Following Models Using Fuzzy Set Theory.” Transportation Research Board 82nd Annual Meeting, Session 235, Washington, D.C.

15. Hatipkarasulu 2003. “Identification of Shareholder Ethics and Social Responsibilities in Online Reverse Auctions for Construction Projects.” 3rd Annual Ethics and Social Responsibilities in Engineering and Technology Conference, New Orleans, LA.

16. Hatipkarasulu, 1999. “A GPS Based Approach for the Analysis of Car Following Behavior.” Transportation Research Board 78th Annual Meeting, Session 235, Washington, D.C.

- **INVITED LECTURES AND WORKSHOPS**

1. Hatipkarasulu, 2007. “Ethics Workshop.” Leadership Academy, Associated General Contractors of Wisconsin, Wisconsin, WI.

   Special invitation to provide professional ethics and leadership training for AGC WI members that are participating in their Leadership Academy. Focus including project management, leadership, contract management, etc. The workshop includes three lecture modules and three case study discussions.

2. Hatipkarasulu, 2004. “Online Project Management Using ProExecute.” 8-hr Lecture Series for BSG Solutions Company, and MMR Inc. staff, Baton Rouge, LA.

- **INVITED PRESENTATIONS TO THE INDUSTRY**

1. Hatipkarasulu, 2010. “Construction Higher Education“ Associated General Contractors of America San Antonio Chapter, San Antonio, TX.

2. Hatipkarasulu, 2008. “A Peek Into the Mind of the New Generation of Employees.” Luncheon Speech for American Subcontractors Association – Houston Chapter, Houston, TX.

3. Hatipkarasulu, 2005. San Antonio, TX. “Online Reverse Auctions for Construction Projects – What Does High Pressure Bidding Means for You?” Presented at American Subcontractors Association Leadership Forum 2005, General Session.

4. Hatipkarasulu, 2004. Dallas, TX. “Online Reverse Auctions for Construction Projects – Review of Existing Data.” Presented at Associated General Contractors of America / American Subcontractors Association / Associated Specialty Contractors Joint Meeting in Dallas, TX.

5. Hatipkarasulu, 2003. Houston, TX. “Fuzzy Software Toolbox for Drill Bit Performance Diagnostic Using Fuzzy Set Theory.” Presented to M/D Totco (Varco), petroleum industry service company. Houston, TX.

6. Hatipkarasulu, 2003. Austin, TX. “Drill Bit Performance Diagnosis – Potential Technologies.” Presented to M/D Totco (Varco), petroleum industry service company. Austin, TX.

GRANTING ACTIVITIES

- **PROPOSALS FUNDED**

1. "Intelligent Construction Laboratory – Development Support."

Single PI

Funding by: UTSA Construction Industry Advisory Council (Seed Grant)
Amount: $6,000
Duration: May 2011 – May 2012

Project Summary: Establishment of Intelligent Construction Laboratory (ICL) at the College of Architecture. The ICL platform is defined as a technology supported environment for teaching, research, development and outreach that utilizes a collaborative systems thinking approach for all of the disciplines in the built environment. This unit will enhance our capabilities of teaching and research within the College while providing opportunities for outreach and industry activities.

2. "Building Information Modeling Quick Start Guide For Construction Contractors."

PI with Dr. Suat Gunhan (Joint PI)

Funding by: UTSA Construction Industry Advisory Council (Seed Grant)
Amount: $9,000
Duration: May 2011 – May 2012

Project Summary: Building Information Modeling (BIM) is the process of creating, analyzing, and managing information related to a building project through its life cycle. This includes information generated during the design, planning, construction, and maintenance stages. There are several tools available for BIM applications including several software packages and detailed/complex methodologies. These tools are often very complex and require detailed analysis and training. The purpose of the project is to develop a BIM quick start guide for construction contractors that will provide recommendations on required hardware, software, communication tools, organization and training.

3. "Padre Island National Seashore – Malaquite Visitor Center Auditorium Project."

PI with Taeg Nishimoto – Dept. of Architecture (2006-2007)
Ulrike Gretzel, PhD – Dept. of Recreation, Park & Tourism Sciences

Funding by: National Park Service
Amount: not to exceed $353,000.00
Duration: September 2006 – September 2009

Project Summary: This project consist of design and management of the building process of a new auditorium that can also be used as a multi-purpose room for park

staff. It is a vehicle for expanding the types of visitor and community contact experiences through new technologies, community meeting spaces, and classrooms. The project is a cooperative agreement between the College of Architecture, the Laboratory for Intelligent Systems in Tourism in the Department of Recreation, Park & Tourism Sciences, and Padre Island National Seashore. The term of the agreement is two years from the start of the design process to the finalized design and construction. As students are involved in each step, the National Seashore Park works with the instructors as the main contact during the project with the goal of exposing each student involved in the project to the delicate balance of resource protection, cultural heritage and visitor use that each park manager must maintain. The design component of the project is planned be completed in two phases over the first year. The construction component of the project is performed in the second year. In addition, students are exposed to the challenge of designing and constructing a building that meets the character and professionalism of the National Park Service and thus be a model for future building collaborations for other parks.

4. **"Online Reverse Bid Auctions for Construction Contractors and Subcontractors: Phase II – Impact Analysis."**

Co-PI with	with James H. Gill, Jr, JD – Louisiana State University
Funding by:	The Associated General Contractors of America, Inc. The Foundation of the American Subcontractors Association, Inc. Associated Specialty Contractors Inc. Canadian Construction Association Construction Management Association of America Associated Builders and Contractors American Institute of Architects Design Build Institute of America Society of Marketing Professional Services
Amount:	$ 38,000.00
Duration:	May 2005 – October 2005

5. **"Online Reverse Bid Auctions for Construction Contractors and Subcontractors: Phase I – Review and Collection of Existing Materials and Data."**

Co-PI with	with James H. Gill, Jr, JD – Louisiana State University
Funding by:	The Associated General Contractors of America, Inc. The Foundation of the American Subcontractors Association, Inc. Associated Specialty Contractors Inc. Canadian Construction Association Construction Management Association of America.
Amount:	$ 38,000.00
Duration:	May 2004 – October 2004

Project Summary: The project was structured as a two-phase study executed over two years (2004 and 2005). Phase I of the project included the collection of existing data, information, and documentation on online reverse auction bidding method. As a part of the first phase, a working bibliography on online reverse auctions was prepared and deployed online, open to contributions for data, experiences and comments. Phase II of the project consisted of impact analysis of OLRA in various areas of the construction system. This was the first time that these professional and trade associations supported a research project together. The project received wide interest from the industry and mentioned in several trade journals and industry magazines including:

- STL Construction Net, 2005. "Study: No Savings With Reverse Auctions."
- ABC, 2005. "New Study Shows Online Reverse Auctions Do Not Save Dollars."
- New England Construction, 2005. "Online reverse auctions do not deliver promised savings."
- Chicago Land Construction, 2005. "Study: No Cost Savings on Construction Services."
- Equipment World Online - Beeson, 2005. "Study refutes cost-saving 'myth' of online reverse auctions."
- Small Business Exchange, 2005. "New Study Suggests No Cost Savings on Construction Services From Use of Online Reverse Auctions."
- Journal of Commerce - Williams, 2005. "CCA opts for reverse auction study."
- Journal of Commerce - Williams, 2004. "Reverse auction fight goes to U.S."
- FMI Net, 2005. "Facilities Management Surveys [2005-05-06]: Study shows no construction service cost savings with online reverse auctions."

6. "Mobile Computing Environment for Construction Management Curriculum."

Single PI

Funding by: Louisiana State University-Technology Fee Program, Baton Rouge, LA
Amount: $ 60,000.00
Duration: April 2005 – August 2005

Project Summary: The project was supported by a competitive grant from the Technology Fee Program of LSU to create a mobile teaching environment that consists of 30 laptops and mobile operation infrastructure.

7. "Essentials of Construction Estimating: A Short Course."

Single PI

Funding by: State of Louisiana, LSU Small Business Dev. Center. Baton Rouge, LA.
Amount: $ 1,500.00
Duration: January 2003 – April 2003

Project Summary: Project consisted of development of a construction estimating training program specifically designed for small contractors. As a part of the project, the program was delivered to a DBE contractor who specializes in earthworks.

8. "Automated Rig Controls for Improved Drilling Costs - Board of Regents ITRS Project #13428."

Co-PI with John R. Smith, PhD – Louisiana State University

Funding by: Louisiana Board of Regents, Baton Rouge, LA
Amount: $ 60,000.00
Duration: February 2002 – February 2003

Project Summary: This project was supported by a competitive grant in Industry Ties Research Program of Louisiana Board of Regents. The project explored the field data and analyzed the methodologies to minimize drilling cost by prevention of bit balling phenomenon. The techniques used in the analysis included mathematical and statistical modeling of the bit balling and exploration of the use of artificial intelligence techniques for forecasting.

TEACHING ACTIVITIES

- **COURSES TAUGHT AT THE UNIVERSITY OF TEXAS AT SAN ANTONIO**

ARC 3233 - Building Technology III: Continued introduction to architectural structures which considers the physical principles that govern classical statics and strength of materials. Graphical and mathematical design of structural systems. Consideration of the role of structural articulation and sustainability in the design of buildings. Completion of this course is required in order to take ARC 4246.

CSM 3011 - Contemporary Issues in Construction Industry: Exploration of various professional options and specialties across the construction industry, professional ethics and introduction to professional societies. Must be taken on a credit/no-credit basis.

CSM 3621 - Construction Safety I: Introduction to safety and safety programs, workers' compensation, OSHA organization and structure, safety policies, standards, and record keeping. Emphasis on communication and job-site safety ethics and management.

CSM 4013 - Construction Estimating I: Introduction to estimating procedures for buildings related to quantity surveying, cost of materials and labor, life-cycle costs, and applicable software. (Formerly ARC 4013. Credit cannot be earned for both CSM 4013 and ARC 4013.)

CSM 4023 - Construction Estimating II: Continuation of CSM 4013 with emphasis on pricing work, subcontracting, and bidding strategies utilizing applicable software.

CSM 4513 - Construction Management I: Introduction to management of the construction process and integration with allied professions. Introduction to applicable software.

CSM 4523 - Construction Management II: Continuation of CSM 4513 with emphasis on scheduling and project delivery methods utilizing applicable software.

CSM 4613 - Sustainable Building Practice: Ethics and application of environmental sustainability practice in building construction. Introduction to U.S. Green Building Council LEED program standards, methods, and procedures as applied to construction documents interpretation and construction.

CSM 4623 - Construction Safety II: Introduction to safety and safety programs, workers' compensation, OSHA organization and structure, safety policies, standards, and record keeping. Emphasis will be on communication and job-site safety ethics and management. Satisfies the requirements for the 30-hour OSHA, CPR, and First Aid certification.

CSM 4931 - Internship: This is a full-time, on-site, construction work experience. Supervision by qualified construction manager and intern mentor to prepare the intern for building construction management functions on other than single-family residential projects. Instructor prior approval of details for individual work experience required. Must be repeated for credit and taken in consecutive five-week Summer Sessions.

CSM 4953 - Special Topics in Construction: Construction Surveying: Practical applications of surveying, including distance, grade and angular measurements, surveying equipment and its application to construction layout and control, surveying documentation and field work.

- **COURSES TAUGHT AT TEXAS A&M UNIVERSITY**

COSC 443 - Industrial Capstone: A senior capstone course for students preparing to enter the industrial construction sector; project management of industrial construction projects including: project acquisition, planning and staffing, engineering, procurement, construction, start-up, close out, operations and maintenance, and turn-arounds.

COSC 475 - Construction Project Planning: Development of parameter cost estimates for activities that relate to the construction of a building project; work packages sequenced, planned and leveled to develop a working project execution document; development of procedures to monitor actual field progress.

COSC 603/689 - Construction Scheduling: Development of parameter cost estimates for activities that relate to the construction of a building project; work packages sequenced, planned and leveled to develop a working project execution document; development of procedures to monitor actual field progress.

COSC 621 - Advanced Topics in Construction Project Scheduling and Project Management: Advanced techniques used in scheduling and evaluating progress in construction project control; development of strategies for overcoming overruns; resources allocations; case studies.

COSC 664 – Construction Safety Management: Safety management process and the development of a comprehensive safety program to include hazard recognition, field safety meetings, OSHA documentation requirements, accident investigation and analysis, coordination of the contractor and subcontractor relationship, and the development of OSHA teaching modules for field use; opportunities to obtain an OSHA 30 Hour Certification, a CPR Certification and a First Aid Certification.

- **COURSES TAUGHT AT LOUISIANA STATE UNIVERSITY**

CM 1400 - Microcomputer Applications in Construction: Utilization of construction software for estimating, planning and scheduling, financial analysis, and construction processes.

CM 3000 - Construction Safety: Construction safety relating to accident causation; contractual obligations; project management and coordination. Certified Construction Safety Specialist Certification Program.

CM 3200 - Decision Making and Applied Ethics in Construction: Presentation of the mechanics of decision-making processes in construction including ethics and applied ethics.

CM 3400 - Construction Materials: Fundamentals involved in design, evaluation, testing, and construction of asphalt, concrete, aggregates, steel, timber, and composites; mechanic properties of soils, compaction, and slope stability; construction of shallow and deep foundations, and retaining walls.

CM 3501 - Strength of Materials: Analysis of the stresses and deformations induced in materials of construction through the individual and/or combined effect of axial, shear, flexural, and torsional loads; topics include: temperature effects, effects of stress combinations, and buckling of slender compressive elements.

CM 4400 - Advanced Computer Applications for Construction Management: Application of software programs currently being used in the construction industry.

STUDENT EVALUATIONS

- **STUDENT EVALUATIONS AT THE UNIVERSITY OF TEXAS AT SAN ANTONIO**

TERM	COURSE	Enrollment #	Response #	Overall Course Rating	Overall Faculty Rating
Summer 11	CSM 3621-91M - Construction Safety I *	43	-	-	-
	CSM 4013-91S-Construction Estimating I	19	-	-	-
	CSM 4623-91S-Construction Safety II	31	-	-	-
	CSM 4931-91F-Internship *	26	-	-	-
	CSM 4931-91S-Internship *	27	-	-	-
Spring 11	CSM 3011-901-Construction Industry Cont.	53	18	4.6	4.8
	CSM 4523-901-Construction Management II	13	6	4.8	5.0
	CSM 4523-902-Construction Management II	23	11	4.8	4.7
	ARC 6961-900-Comprehensive Examination *	1	-	-	-
	ARC 6983-905-Master's Thesis *	1	-	-	-
Fall 10	CSM 4613-901-Sustainable Building Practice	18	9	4.4	4.8
	CSM 4953-901-SS: Construction Surveying	33	10	3.8	4.2
Summer 10	CSM 4513-92S-Construction Management I *	16	-	4.8	4.8
	CSM 4623-91S-Construction Safety	5	-	4.7	5.0
	CSM 4931-91F-Internship *	4	-	-	-
	CSM 4931-91S-Internship *	4	-	-	-
Spring 10	CSM 4023-901-Construction Estimating II	25	17	4.7	4.7
	CSM 4523-901-Construction Management II	24	16	4.9	4.9
	CSM 4613-901-Sustainable Building Practice	34	17	4.3	4.5
Fall 09	CSM 4513-901-Construction Management I	30	27	4.3	4.7
	CSM 4623-901-Construction Safety	23	17	4.3	4.8
Summer 09	ARC 3233-91S-Building Technology III *	26	-	-	-
	CSM 4931-91F-Internship *	4	-	-	-
	CSM 4931-91S-Internship *	4	-	-	-

* Student evaluations were not conducted for this class.

- **STUDENT EVALUATIONS AT TEXAS A&M UNIVERSITY**

TERM	COURSE	ENRL.	STUDENT RATING OF FACULTY (5.00 scale)
Summer 08	COSC 475 –100– Construction Project Planning	22	4.96
	COSC 475 –101– Construction Project Planning	17	4.93
Spring 08	COSC 475 –501– Construction Project Planning	32	4.72
	COSC 475 –502– Construction Project Planning	19	4.70
	COSC 475 –503– Construction Project Planning	29	4.64
Fall 07	COSC 475 –501– Construction Project Planning	28	4.60
	COSC 475 –502– Construction Project Planning	31	4.52
	COSC 475 –503– Construction Project Planning	29	4.69
Summer 07	COSC 475 –100– Construction Project Planning	35	4.72
Spring 07	COSC 475 –501– Construction Project Planning	33	4.71
	COSC 475 –502– Construction Project Planning	18	4.56
	COSC 475 –503– Construction Project Planning	36	4.47
	COSC 689 –600– Construction Scheduling	10	4.68
Fall 06	COSC 475 –501– Construction Project Planning	18	4.46
	COSC 475 –502– Construction Project Planning	21	4.51
	COSC 475 –503– Construction Project Planning	22	4.44
	COSC 621 –600– Advanced Topics in Cons. Project Scheduling	12	4.52
Summer 06	COSC 475 –100– Construction Project Planning	32	4.72
	COSC 475 –101– Construction Project Planning	25	4.59
Spring 06	COSC 475 –501– Construction Project Planning	17	4.18
	COSC 475 –502– Construction Project Planning	21	4.46
	COSC 475 –503– Construction Project Planning	20	4.52
	COSC 621 –600– Advanced Topics in Cons. Project Scheduling	10	4.78
Fall 05	COSC 475 –502– Construction Project Planning *	30	-
	COSC 475 –503– Construction Project Planning	31	3.79

* Student evaluations were not conducted for this class.

- **STUDENT EVALUATIONS AT LOUISIANA STATE UNIVERSITY**

TERM	COURSE	ENRL.	STUDENT EVALUATIONS (4.00 scale)		
			Instructional		Overall Effectiveness
			Technique	Support	
Summer 05*	CM 3000 –1– Construction Safety	30	-	-	-
Spring 05	CM 3200 –2– Decision Making & Applied Ethics	30	3.463	3.667	3.556
	CM 3200 –2– Decision Making & Applied Ethics	30	3.629	3.818	3.833
Fall 04	CM 3200 –2– Decision Making & Applied Ethics	29	3.321	3.393	3.500
	CM 3200 –2– Decision Making & Applied Ethics	31	3.454	3.577	3.654
Spring 04	CM 3400 –1– Construction Materials	47	3.257	3.302	3.267
	CM 3400 –2– Construction Materials	28	2.841	3.112	2.810
	CM 4400 –2– Advanced Computer Applications	30	3.127	3.221	3.444
	CM 4400 –3– Advanced Computer Applications	30	2.627	3.062	2.737
Fall 03	CM 3400 –2– Construction Materials	44	3.220	3.327	3.250
	CM 4400 –2– Advanced Computer Applications	27	3.056	3.024	3.048
	CM 4206 –3– Special Topics (with J.Gill) **	18	-	-	-
Summer 03*	CM 3501 –1– Strength of Materials	22	-	-	-
	CM 4400 –2– Advanced Computer Applications	18	-	-.	-
Spring 03	CM 1400 –1– Microcomputer Applications in CM	18	3.607	3.732	3.714
	CM 1400 –3– Microcomputer Applications in CM	19	3.328	3.368	3.400

* Student evaluations are not conducted for the summer classes.
** Taught jointly with another professor. Individual evaluations were not conducted.

GRADUATE STUDENT SUPERVISION

- **GRADUATE STUDENT SUPERVISION AT THE UNIVERSITY OF TEXAS AT SAN ANTONIO**

CHAIR

Noe Barrientos, MS in Architecture Candidate (Thesis)
Expected Graduation: December 2012.
Working Thesis Title: "Analysis of Construction Fatalities in Building Construction."

- **GRADUATE STUDENT SUPERVISION AT TEXAS A&M UNIVERSITY**

CHAIR (UNTIL 2009)

Michael White, MS in Construction Management, December 2008 (Professional Paper)
Paper Title: "Padre Island National Seashore Malaquite Visitor Center Auditorium Project: A Design and Construction Case Study."

Benjamin Liggett, MS in Construction Management Candidate (Thesis)
Expected Graduation: May 2009.
Working Thesis Title: "Ethics, Social Responsibility and Subcontractor Relationships."

Kushboo Tibrewala, MS in Construction Management, August 2008. (Professional Paper)
Paper Title: "Targeting Occupational Risk Areas for Construction Workers: A Translation Approach."

CO-CHAIR

Katherine Elizabeth Barrett, MS in Construction Management, December 2008, (Professional Paper)
Paper Title: "Green Building Practices and Perception of Construction Companies."

Anuj Ladda, MS in Construction Management, August 2008. (Professional Paper)
Paper Title: "Fatal Occupational Injuroies among Hispanic Construction Workers in the United States and Trends for Population, Industry Growth and Occupational Safety."

Kamer Yuksel, MS in Construction Management, August 2008. (Thesis)
Thesis Title: "Web Enabled Project Management and Collaboration Using Microsoft Groove System."

Jonathan Altman, MS in Construction Management, August 2007. (Professional Paper)
Paper Title: "Analysis of Resource Loading Methodologies in Construction Projects."

> Jonathan Altman was awarded as the "Outstanding Graduate Student" in Summer 2007. One outstanding graduate student is selected from each graduating class by the votes of the fellow graduate students and faculty. Mr. Altman worked on an industry application study for his professional paper that consisted of the optimization of a recent construction project schedule by using resource-loaded scheduling and forecast techniques. Mr. Altman currently works for MOCA Systems in San Antonio, TX, a highly specialized consulting firm for construction project planning and management.

Fernando Hernández-Gámez, MS in Construction Management, December 2006. (Professional Paper)
Paper Title: "Fatal Injuries Among Hispanic Construction Workers in the United States and in the states of California, Florida, Illinois, New York and Texas."

MEMBER

Ozan O. Ozener, Doctor of Philosophy in Architecture Degree Candidate
Expected Graduation: August 2009.
Topic: "Integration of BIM in Architectural Design Education."

Somnath Das, MS in Construction Management, August 2007. (Professional Paper)
Topic: "Study of Codes and Enforcement for Residential Building Roofs Damaged Due to Hurricane Rita in the East Coast of Texas – Jefferson Country."

Matt Lucas, MS in Civil Engineering, December 2007. (Thesis)
Thesis Title: "Development of a Right of Way Cost Estimation and Cost Estimate Management Process for Highway Projects. "

Mariano Eduardo Ortiz Ratkovic, Master of Architecture, May 2007
Topic: "Innovative Design for a New College of Architecture Building."

Jorge Mario Martinez Pulido, Master of Architecture, May 2007
Topic: "Eco Tourism and Interpretative Center of "La Guadua" in Calarca (Q), Colombia."

- **GRADUATE STUDENT SUPERVISION AT LOUISIANA STATE UNIVERSITY**

CHAIR

Prabu Sunkara, MS in Engineering Science, December 2005. (Thesis)
Donald W. Clayton Graduate Program in Engineering Science. Louisiana State University,
Thesis Title: "Tablet PC Applications for Construction Site Safety and Fatality Prevention."

MEMBER
Jaime Solano, MS in Petroleum Engineering, December 2004. (Thesis)
Craft and Hawkins Department of Petroleum Engineering, Louisiana State University,
Thesis Title: "Evaluation of New Methods for Processing Drilling Data to Determine the Cause of Changes in Bit Performance."

SERVICE ACTIVITIES

- **SERVICE RECORD AT THE UNIVERSITY OF TEXAS AT SAN ANTONIO**

NATIONAL LEVEL

- **Vice-Chair,** Finance Committee, ACCE, San Antonio, TX (2007-present)
- **Member,** Development Committee, ACCE, San Antonio, TX (2007-2008)
- **Member,** Self-Assessment Task Force, ACCE, San Antonio, TX (2007-present)

STATE LEVEL

- **Member,** Builders Exchange of Texas Education Council Advisory Board, San Antonio, TX (2010-present)

UNIVERSITY LEVEL

- **Voting Member,** UTSA Conflict of Interest Committee (2009- present)
- **Member,** UTSA Research Advisory Committee (2010- present)
- **Member,** UTSA Research Advisory Committee - Safety & Facilities Task Force (2011- present)
- **Executive Director,** UTSA Construction Industry Advisory Council (2009-present)

COLLEGE LEVEL

- **Chair,** College of Architecture Scholarship Committee (2010)
- **Member,** College Executive Committee (EXCOM) (2009- present)
- **Member,** College Academic Committee (ACOM) (2010- present)
- **Member,** Graduate Committee – MS in Architecture Program (2009-present)

- **Member,** Faculty Search Committee (2009)
  - Dr. Suat Gunhan, Construction Science and Management Program
- **Member,** Faculty Search Committee (2010)
  - Ms. Pardis Pishdad, Construction Science and Management Program

- **Member,** College Faculty Council (2009 - present)
- **Member,** Faculty Workload Task Force (2010)

STUDENT ORGANIZATIONS

- **Faculty Advisor,** Construction Management Student Association - CMSA (2009-present)
  - Established the first construction student organization at UTSA
  - CMSA organized and executed several service activities including multiple Habitat for Humanity projects, Dignowitty Project, multiple Associated Builders and Contractors events, multiple Associated General Contractors of America events.
  - CMSA is a recognized organization through Associated Builders and Contractors and Associated General Contractors of America, both construction trade associations.

- **ADMINISTRATION AT THE UNIVERSITY OF TEXAS AT SAN ANTONIO**

COORDINATOR, CONSTRUCTION SCIENCE AND MANAGEMENT PROGRAM (2009- present)

- Responsibility for approximately 200 Undergraduate Construction Science and Management Students and 4 faculty members
- Responsibility for the Program Accreditation
    - Applied for Candidate Status and Accreditation Review through American Council for Construction Education in October 2010
    - Received "Candidate Status with Full Self-Accreditation Review" in November 2010
    - Full Self- Accreditation Report to be submitted in November 2011
    - On-Site Accreditation Visit expected in Spring 2012
- Responsibility for the Program Academic Affairs
    - curriculum adjustments, catalog modifications
    - students admissions, change-of-major/transfer applications
    - upper level student applications
    - recruitment presentations to prospective students and their parents
- Leadership and Management Responsibilities
    - Member of the College Executive Committee (EXCOM)
    - Member of the College Academic Committee (ACOM)
- Major Accomplishments
    - Implementation of 123-hour Curriculum
        - Completed the Curriculum Revisions to comply with Accreditation Standards
        - Completed the Curriculum Revisions to comply with College of Architecture Foundation Year Program
        - Completed University Catalog modifications based on the curriculum revision.
    - Development and Implementation of Student Advising System
        - Established a Flow Chart Based Student Advising System.
    - Program Growth
        - 700% increase in the number of CSM Majors between Summer 2009 (28 Students) and Summer 2011 (200 Students).
    - Graduation and Student Placement
        - Program graduated its first 6 students
        - 100% Job Placement

- **SERVICE RECORD AT TEXAS A&M UNIVERSITY**

NATIONAL LEVEL

- **Director,** Board of Directors, Foundation of American Subcontractors Association, Alexandria, VA (2006-present)
- **Vice-Chair,** Finance Committee, ACCE, San Antonio, TX (2007-present)
- **Member,** Development Committee, ACCE, San Antonio, TX (2007-2008)
- **Member,** Self-Assessment Task Force, ACCE, San Antonio, TX (2007-present)
- **Visiting Team Member,** ACCE Re-Accreditation Visit to Florida International University, Miami, FL

COLLEGE LEVEL

- **Member,** College Academic Affairs Committee (2007-2008)
- **Member,** College Information Technology Committee (2006-2008)
- **Member,** College Information Technology Development Task Force (2006)
- **Member,** College Instructional Enhancement / Equipment Fee Committee (2006- 2008)
- **Member,** College Computer Access Fee Fund Committee (2006- 2008)

DEPARTMENT LEVEL

- **Chair**, Undergraduate Committee (2007- 2008)
- **Chair,** Project Controls Curriculum Subcommittee (2007- 2008)
- **Chair,** 120-Hour Curriculum Task Force (2006-2007)
- **Member,** Department Management Committee as U.grad Coordinator (2007-2008)
- **Member,** Department Management Committee as Faculty Representative (2006-2008)
- **Member,** Master's Program Task Force (2006-2007)
- **Member,** Research Committee (2005-2006)

OTHER DEPARTMENT LEVEL SERVICE

- **Webmaster,** Department of Construction Science Website (2006-2008)
- **Exit Surveys,** Designed and Analyzed Undergraduate Student Exit Surveys through Online Platform and Customized Database System.

STUDENT ORGANIZATIONS

- **Faculty Advisor,** AGC Student Chapter (2006-2007)
- **Coach,** AGC/ASC Heavy/Highway Competition Team (2008)
    - Placed 2nd in the Region V Competition
    - Awarded Best Presenter (Collin Wood)
    - Awarded Second Best Presenter (James Vardeman)
- **Coach,** AGC/ASC Heavy/Highway Competition Team (2007)
    - Awarded Best Presenter (Charlie Westmoreland)
- **Coach,** AGC/ASC Heavy/Highway Competition Team (2006)
    - Placed 2nd in the Region V Competition
    - Awarded Best Presenter (Kristen Linne)
    - Awarded Second Best Presenter (Charlie Westmoreland)

- **ADMINISTRATION AT TEXAS A&M UNIVERSITY**

UNDERGRADUATE COORDINATOR, DEPARTMENT OF CONSTRUCTION SCIENCE (2007-2008)

- Responsibility for 630-670 Undergraduate Construction Science Students
- Responsibility for the Undergraduate Program Academic Affairs
    - curriculum adjustments, catalog modifications
    - students admissions, change-of-major/transfer applications
    - upper level student applications
    - recruitment presentations to prospective students and their parents
- Leadership and Management Responsibilities
    - Member of the Department's Management Committee
    - Chair of the Department's Undergraduate Committee
    - Member of the College Academic Affairs Committee
- Major Accomplishments
    - Implementation of 120-hour Curriculum
        - Lead the Departmental Task Force to Complete the Curriculum Revision
        - Credit Hours reduced from 132 to 120 while maintaining ACCE accreditation requirements and quality
        - Completed University Catalog modifications based on the curriculum revision.
        - Department of Construction Science was the first program to modify its curriculum to 120-hour State requirement at the Texas A&M University.
    - Development and Implementation of New Student Advising System
        - Established a Flow Chart Based Student Advising System.
        - Advised all undergraduate COSC students in Fall 2007 individually with academic advisor Michael White.
    - Highest Number of Graduates in Program's History
        - 39% increase in the number of graduates in 2007-2008 academic year (compared to 2006-2007) academic year.
    - Improved Student Admission Profile
        - 28% increase in the number of incoming freshman in 2007-2008 academic year (compared to 2006-2007) academic year.
        - 28% decrease in the number of transfer students in 2007-2008 academic year (compared to 2006-2007) academic year.

- **SERVICE RECORD AT LOUISIANA STATE UNIVERSITY**
    - **Secretary,** Departmental Accreditation and Curriculum Committee(2003-2005)
    - **Secretary**, Departmental SACS Accreditation /Preparation Committee (2003-2005)
    - **Member**, Academic Representative, LTRC - Research Problem Identification Committee, Traffic/Safety/ITS Area, Louisiana Transportation Research Center, Baton Rouge, LA, December 2003

INDUSTRY RELATIONS AND ACTIVITY RECORD

- **FUNDRAISING AND INDUSTRY RELATIONS AT THE UNIVERSITY OF TEXAS AT SAN ANTONIO**

UTSA CONSTRUCTION INDUSTRY ADVISORY COUNCIL (CIAC)

- **Executive Director,** UTSA Construction Industry Advisory Council (CIAC) (2009-present)
- Raised over $80,000 in gifts from the CIAC members
- UTSA CIAC tripled its membership since Summer 2009
- Current Membership includes:
  - Alpha Building Corporation
  - Guido Brothers Construction
  - Joeris General Contractors
  - Leonard Contracting, Inc
  - Bartlett Cocke General Contractors
  - SpawGlass
  - Galaxy Builders, Ltd
  - Marek Brothers Systems
  - Linbeck
  - Sundt Construction
  - Skanska
  - Gardner Law Firm
  - Koontz McComb Construction
  - Baker Triangle
  - Satterfield and Pontikes
  - Brandt Engineering
  - Hensel Phelps

CSM SCHOLARSHIPS

- Raised over $50,000 of scholarships specifically for CSM majors since 2010
- 2010 CSM Scholarships

  - Associated General Contractors, San Antonio Chapter Endowed Scholarship
  - Alpha Building Corporation Endowed Honors Scholarship in CSM
  - Bartlett Cocke General Contactors Endowed Honors Scholarship in CSM
  - Joeris General Contactors Endowed Honors Scholarship in CSM

  - Associated Builders and Contractors South Texas Chapter/CIAC Annual Scholarship I
  - Associated Builders and Contractors South Texas Chapter/CIAC Annual Scholarship II
  - Bartlett Cocke General Contractors/CIAC Annual Scholarship I
  - Bartlett Cocke General Contractors/CIAC Annual Scholarship II
  - Builders' Exchange of Texas/CIAC Scholarship I
  - Builders' Exchange of Texas/CIAC Scholarship II
  - Fred and Cathy Raley/CIAC Annual Scholarship
  - Galaxy Builders/CIAC Annual Scholarship I
  - Galaxy Builders/CIAC Annual Scholarship II
  - Guido Brothers Construction Company/CIAC Annual Scholarship I
  - Guido Brothers Construction Company/CIAC Annual Scholarship II

- Joeris General Contractors/CIAC Annual Scholarship I
- Joeris General Contractors/CIAC Annual Scholarship II
- SpawGlass/CIAC Annual Scholarship

- 2011 CSM Scholarships

  - Associated General Contractors, San Antonio Chapter Endowed Scholarship
  - Alpha Building Corporation Endowed Honors Scholarship in CSM
  - Bartlett Cocke General Contactors Endowed Honors Scholarship in CSM
  - Joeris General Contactors Endowed Honors Scholarship in CSM

  - Associated Builders and Contractors South Texas Chapter/CIAC Annual Scholarship I
  - Associated Builders and Contractors South Texas Chapter/CIAC Annual Scholarship II
  - Bartlett Cocke General Contractors/CIAC Annual Scholarship I
  - Bartlett Cocke General Contractors/CIAC Annual Scholarship II
  - Builders' Exchange of Texas/CIAC Scholarship I
  - Builders' Exchange of Texas/CIAC Scholarship II
  - Fred and Cathy Raley/CIAC Annual Scholarship I
  - Fred and Cathy Raley/CIAC Annual Scholarship II
  - Gardner Law Firm/CIAC Annual Scholarship I
  - Gardner Law Firm/CIAC Annual Scholarship II
  - Galaxy Builders/CIAC Annual Scholarship I
  - Galaxy Builders/CIAC Annual Scholarship II
  - Guido Brothers Construction Company/CIAC Annual Scholarship I
  - Guido Brothers Construction Company/CIAC Annual Scholarship II
  - Joeris General Contractors/CIAC Annual Scholarship I
  - Joeris General Contractors/CIAC Annual Scholarship II
  - Koontz McCombs/CIAC Annual Scholarship I
  - Koontz McCombs/CIAC Annual Scholarship II
  - Marek Brother Systems/CIAC Annual Scholarship I
  - Marek Brother Systems/CIAC Annual Scholarship II
  - SpawGlass/CIAC Annual Scholarship

PRE-EXPLORATORY ARCHITECTURE CONSTRUCTION AND ENGINEERING PROGRAM (PACE)

- Established by Builders Exchange of Texas Education Council.
- PACE program target high school students in San Antonio area for careers in the construction industry. Consists of a voluntary and competitive 15-week curriculum taught by construction industry members outside the schools work and commitments.
- UTSA College of Architecture and the Construction Science and Management Program hosts the last class for each semester at UTSA Downtown campus with parents of the students, construction industry representatives and high school representatives/counselors.
- Several students from the PACE program applied to UTSA seeking BS in Construction Science and Management degree.

Teaching Load Summary Sheets

AGC EDUCATION AND RESEARCH FOUNDATION

2300 Wilson Blvd, Ste 400, Arlington, VA 22201 ■ Phone (703) 837-5342 ■ Fax (703) 837-5451 ■ patricianm@agc.org

2012 Outstanding Educator Award
Teaching Load Summary

Nominee's Name: YILMAZ HATIPKARASULU, PHD

Institution: CONSTRUCTION SCIENCE AND MANAGEMENT, UNIVERSITY OF TEXAS AT SAN ANTONIO

List all courses taught within the past five years. Duplicate this sheet as necessary.

Sem	Course Name	Credit Hours	No. of Students	Rec. Hrs./Wk.	Lecture Hrs./Wk.	Lab Hrs./Wk.	Remarks
Fall 11	CSM 4613-Sustainable Building Practices	3	56	-	3	-	Recognized by USGBC
	CSM 4911-Internship	2	11	-	1	-	Requires Weekly Reports/Presentation
	CSM 5413-Advanced Topics in Cons.Systems	3	6	-	3	-	First ever offering at UTSA
	CSM 6943-Graduate Internship	3	1	-	3	-	Requires Weekly Reports/Presentation
Sum 11	CSM 3621-Construction Safety I	1	43	-	1	-	First ever offering at UTSA
	CSM 4013-Construction Estimating I	3	19	-	3	-	
	CSM 4613-Construction Safety II	3	31	-	3	-	
	CSM 4931-Internship	2	26	-	2	-	Requires Weekly Reports/Presentation
Spring 11	CSM 3011-Construction Industry Cont. Issues	1	53	-	1	-	
	CSM 4523-Construction Management II	3	13	-	2	3	
	CSM 4523-Construction Management I	3	23	-	2	3	
	ARC 6961-Comprehensive Examination	1	1	-	1	-	
	ARC 6983-Master's Thesis	3	1	-	3	-	
Fall 10	CSM 4613-Sustainable Building Practice	3	18	-	3	-	Recognized by USGBC
	CSM 4953-SS: Construction Surveying	3	33	-	3	-	
Sum 10	CSM 4513-Construction Management I	3	16	-	3	-	
	CSM 4623-Construction Safety	3	5	-	3	-	

I verify that the above information is correct.

Signature of Department Administrator: [signature] Date: 11/14/11

AGC EDUCATION AND RESEARCH FOUNDATION

2300 Wilson Blvd, Ste 400, Arlington, VA 22201 ■ Phone (703) 837-5342 ■ Fax (703) 837-5451 ■ patricianm@agc.org

2012 Outstanding Educator Award
Teaching Load Summary

Nominee's Name: YILMAZ HATIPKARASULU, PHD

Institution: CONSTRUCTION SCIENCE AND MANAGEMENT, UNIVERSITY OF TEXAS AT SAN ANTONIO

List all courses taught within the past five years. Duplicate this sheet as necessary.

Sem	Course Name	Credit Hours	No. of Students	Rec. Hrs./Wk.	Lecture Hrs./Wk.	Lab Hrs./Wk.	Remarks
Sum 10	CSM 4931-Internship	2	4	-	2	-	Requires Weekly Reports/Presentation
Spring 10	CSM 4023-Construction Estimating II	3	25	-	2	3	First ever offering at UTSA
	CSM 4523-Construction Management II	3	24	-	2	3	First ever offering at UTSA
	CSM 4613-Sustainable Building Practice	3	34	-	3	0	First ever offering at UTSA
Fall 09	CSM 4513-Construction Management I	3	30	-	3	-	
	CSM 4623-Construction Safety	3	23	-	3	-	First ever offering at UTSA
Sum 09	ARC 3233-Building Technology III	3	26	-	3	-	Structures II
	CSM 4931-Internship	2	4	-	1	0	Requires Weekly Reports/Presentation

I verify that the above information is correct.

Signature of Department Administrator: _____ Date: 11/14/11

UTSA College of Architecture Full-Time Teaching Load Definition Letter

UTSA CSM Program Accreditation Status Letter

UTSA THE UNIVERSITY OF TEXAS AT SAN ANTONIO™
COLLEGE OF ARCHITECTURE

DATE: November 14, 2011

TO: Board of Directors
Associated General Contractors (AGC) of America
Education and Research Foundation
Arlington, VA

FROM: Robert Baron
Associate Dean for Undergraduate Studies
College of Architecture
The University of Texas at San Antonio
San Antonio, TX

RE: **UTSA College of Architecture Full-Time Teaching Load Definition**

This letter is to confirm that College of Architecture at the University of Texas at San Antonio defines full-time teaching as three (3) classes or nine (9) credit hours per semester. Program coordinators may receive a course release as a part of their administration duties while maintaining a full-time teaching load.

UTSA THE UNIVERSITY OF TEXAS AT SAN ANTONIO™
COLLEGE OF ARCHITECTURE

DATE: November 14, 2011

TO: Board of Directors
Associated General Contractors (AGC) of America
Education and Research Foundation
Arlington, VA

FROM: Robert Baron
Associate Dean for Undergraduate Studies
College of Architecture
The University of Texas at San Antonio
San Antonio, TX

RE: **UTSA Construction Science and Management Program Accreditation Status**

Established in August 2008, the Construction Science and Management (CSM) at the University of Texas at San Antonio (UTSA) offers a four-year Bachelor of Science in Construction Science and Management degree. In November 2010, UTSA CSM Program received "Accreditation Candidate with Full Self-Evaluation" status through the American Council for Construction Education (ACCE).

3 Support Letters