

# Department of Construction Science

College of Architecture • Texas A&M University



## Construction Industry Advisory Council

2006 Annual Report





“The Construction Industry Advisory Council for the Department of Construction Science at Texas A&M University is helping the department to stay at the forefront of construction education. With over 80 members, over 300 internship providers, and over 50 endowed scholarship funds, the CIAC plays a critical role in the department’s achievements.”

— Dr. Charles Graham  
Interim Department Head



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One-hundred balloons adorn the entrance of the Langford Architecture Center at Texas A&M University on Sept. 1, 2005, while inside students, faculty and staff celebrate the 100th birthday of architectural education at Texas A&M.



DEPARTMENT OF CONSTRUCTION SCIENCE  
COLLEGE OF ARCHITECTURE ■ TEXAS A&M UNIVERSITY





Dear Colleagues,

Reflecting on 2006 we see that the Department of Construction Science has once again fulfilled its annual obligation to our industry and delivered the latest round of graduates safely, with good quality and on schedule. This group of young people, with our guidance and leadership will certainly leave their mark for years to come.

Numerous exciting things have happened since our last report and thanks to you, our members, in 2007 we will award more scholarships than ever before and continue to increase our impact in many areas of the Department. Your contributions have also allowed us to establish the Construction Industry Advisory Council Endowment with an initial contribution of \$75,000.

It is imperative that we continue to support the Department in its endeavors. To that end, I encourage you to contact your friends in the industry and make sure they know about the CIAC. If they are not members, please encourage them to join. Not only does it give us a great opportunity to get together twice a year, it is the absolute start of training your replacement. Get involved and stay involved, we need your help moving forward.

On behalf of the CIAC officers and members as well as the faculty and students, thank you for your continued guidance and ongoing support!

— Larry W. Fickel '81  
President  
Construction Industry Advisory Council



Dear Colleagues,

First let me thank you for the opportunity to have served as President of the Construction Industry Advisory Council. Our strength has been you members and your active participation. CIAC does make a difference: providing scholarships and curriculum review and funding research projects.

By all accounts, we are going to have a several busy years. Projections are bullish and our members are right in the thick of the action. Let's not forget to 'sharpen' our tools occasionally and return to campus to support our faculty and students. Predictions are there will be more jobs than graduates. The best way to build relationships with future employees is involvement through the CIAC.

I look forward to seeing each of you at our next meeting!

— Stan Marek '69  
Past President  
Construction Industry Advisory Council



“The CIAC affords our department and our students many opportunities to interface with industry partners on current issues that are affecting the construction industry.”

— Steve Byrne  
Executive Director  
Construction Industry Advisory Council

Objectives

The Department of Construction Science at Texas A&M University has always enjoyed excellent support from dedicated professionals in the construction industry. The professional advisory and development council historically governed cooperation between the construction industry and Texas A&M University’s Department of Construction Science.

Throughout the years the board facilitated dialogue and coordination between industry and academia. In 1997 efforts were made to revitalize the council by merging the needs and expectations of industry with the academic training and expertise provided by the construction science department at Texas A&M University. On January 1, 1998 the Construction Industry Advisory Council (CIAC) emerged. This partnership is dedicated to advancing the quality of the construction industry. The CIAC’s objective, as set forth in its by laws, are to:

1. Promote and improve the construction profession by education and development of construction knowledge.
2. Advance and support the highest quality faculty, educational facilities, and undergraduate and graduate programs for the students enrolled in the department of Construction Science.
3. Provide liaison between the construction industry and the Department of Construction Science.
4. Develop and implement innovative programs, which will benefit the Department of Construction Science and the construction industry.
5. Offer advice and counsel through the active participation of the construction industry, and provide vision for the department of construction science.

Many of the functions of the CIAC involve faculty and student interactions. Biannual meetings are held each year — one in April and one in November — where industry representatives meet on the Texas A&M University campus to discuss issues affecting both industry and academia. Sessions are held with faculty representatives to identify and respond to industry needs and expectations. Construction science faculty report on research and new technologies being developed at Texas A&M, and industry participants help define and guide the role academia plays in testing and refining those theories so that they can be implemented in practice.

Industry also plays a role in molding the department’s curriculum so that A&M students are better educated and equipped to begin their careers in full force upon graduating. This teamwork makes for a better product, and a better construction industry overall.

A strong relationship and effective communication between the current and future industry participants is an important component of the overall goal to improve and foster a professional industry image through future generations. With that in mind, one of the highlights of CIAC meetings has become the focus group sessions in which the students and industry representatives are given opportunities to interact. In these sessions, the students are able to speak candidly with industry representatives about their academic- and industry-related experiences, identifying what they believe has been beneficial, and what could be done better to enhance their educational opportunities.

The CIAC also strongly supports the construction science student body with counsel, financial support in the form of scholarships, and employment opportunities.

The first session of the construction science department’s biannual career fairs are reserved for CIAC members only. This provides an exclusive opportunity to recruit the construction program’s top students. The frequent interactions between CIAC members and the student body ensure that industry is well-served with the brightest and best graduates.

Providing high-quality educational programs for industry members and students is an integral component of the CIAC’s mission. As part of this on-going initiative, from time to time, CIAC and the department host events which highlight challenges and seek solutions to the problems confronting today’s construction industry.

“The Construction Industry Advisory Council at Texas A&M provides an invaluable forum for Turner Construction to directly impact what students in the construction science program are learning and how to better prepare them to the needs of our industry upon graduation.”

— Mike Shook  
Project Executive  
Turner Construction

“As industry professionals, the Construction Industry Advisory Council provides my firm the opportunity to be a part of the outstanding educational experiences that the Department of Construction Science students receive through the internship program. Allowing us that direct contact with the students through the CIAC has given us that unique opportunity.”

— Jack H. Matthews Sr.  
President  
College Station Electric, Inc.

CIAC funds annual awards banquet

Below: Members of the Society of Women in Construction attend the 2006 awards ceremony.



Through scholarships, research funding, and other programs, the CIAC encourages its members, the faculty, and students to become leaders in both their personal and professional endeavors.

Additionally, the CIAC helps fund the department's regular graduation banquets, where graduates and their families are honored after graduation ceremonies at Reed Arena. In addition to the honor presentation, each graduate receives a personalized Aggie hard hat commemorating their time at Texas A&M University.



Above: Flanked by Charles Graham, interim head of the Department of Construction Science, and Tom Regan, dean of the College of Architecture, construction science student Erica Wozniak, receives the Alpha Construction Scholarship from Kathleen Acock, of Alpha Construction, during the department's 2006 awards ceremony.

photos by John Peters



Above: Gary Blair, Texas A&M women's basketball coach and featured speaker at the 2006 Department of Construction Science award ceremony, tries on an official Aggie hard hat, presented by Charles Graham, interim department head. At right: Pat Kiley, of Houston, executive vice president of the Associated General Contractors of America, delivers the event's keynote address.



The CIAC is governed by by-laws listed in detail on the construction science department's Web site at <http://archone.tamu.edu/cosc/ciac.html>. The council conducts some of its affairs and business through standing subcommittees appointed by and from members of its executive committee. The following subcommittees are appointed every two years.

1. Research and Studies: Research and studies to advance quality and industry innovation are among the CIAC's objectives. The council sets goals in this area with the input of research faculty members who are funded by and report to the CIAC on an annual basis. This subcommittee sets priorities for spending CIAC funds and selects faculty proposals for funding.
2. Budget: This subcommittee prepares the proposed annual budget for consideration by the executive committee and monitors expenditure of funds from the CIAC account to ensure that expenditures are in accordance with the approved budgets.
3. Membership: This subcommittee promotes and solicits CIAC memberships and manages the council's awards program which provides recognition for students, faculty, and individual and corporate members.
4. Curriculum: This subcommittee provides continuous review of the department's undergraduate and graduate curriculum and helps foster changes where needed to promote constant improvement.
5. Development: This subcommittee supports and promotes the fund-raising activities of the construction science department.



Joe Horlen, assistant professor and assistant department head, receives the Best Educator Award from Charles Graham, interim department head. Horlen also received the 2006 Student Advocate Award.



Membership levels

The CIAC by-laws provide four categories of membership: corporate, emeritus, association, and individual.

**Corporate members, or Partner Corporations,** are industry sponsors who agree to pay annual dues and may appoint a company representative to sit on the executive committee, the CIAC’s governing body. Additionally, corporations that participate in the “PARTNERS FOR THE FUTURE,” as detailed in Article III of the by-laws, are entitled to designate a representative of the corporation to participate in the council’s activities and to serve on the executive committee. Dues for partner corporations are \$2,500 per year.

**Emeritus members** are a special category of membership that was approved by the executive committee to recognize very experienced individuals. These are members who have made extraordinary contributions to the construction industry, but who are retired from active participation in a corporation, and whose expertise and participation makes a valuable contribution to the CIAC. Emeritus membership is subject to approval by the executive committee and these members are invited and encouraged to participate in all council activities. Emeritus members do not pay dues, and are non-voting members of the executive committee. Emeritus members are listed on page 24.

**Association members** are representatives of professional industry organizations (AGC, ABC, NAHB, Etc.)



that advise the CIAC and construction science program on current issues of importance to the construction industry. This membership category was added to the by-laws in the spring of 1999. Association members, in deference to the other significant association contributions to the construction science program, are not required to pay dues, but may vote on executive committee issues. Associate members are listed on page 24.

**Individual members** are construction industry representatives who choose to support the construction science program at Texas A&M University. Many are graduates of the program who elect to provide continuous support to the program through gifts of time and/or dollars. Individuals

seeking CIAC membership must submit an application form which may be downloaded from <http://archone.tamu.edu/cosc/ciac.html> and submit the appropriate membership fee:

- Annual Membership \$50
- Five-year Membership \$200
- Lifetime Membership \$500
- Corporate Membership \$2,500

For additional membership information or to join, please contact the Department of Construction Science at 979.845.1017, or by mail at:

Dept. of Construction Science  
3137 TAMU  
College Station, TX 77843-3137

CIAC Web site:  
<http://archone.tamu.edu/cosc/ciac.html>

I. BUDGET/DEVELOPMENT

An annual budget is approved each year at the fall meeting. A summary of budget activity for 2006 can be found in on page 27.

II. FUNDING

The CIAC by-laws provide that CIAC-generated funds be used for (1) student enrichment, (2) scholarships, (3) research and summer studies and (4) faculty development.

1. Student Enrichment

The CIAC funds support the student chapters of professional associations, student field trips to construction sites and student competition teams. This past year each of the following student organizations received \$1,000 from the council:

- Associated Builders and Contractors (ABC)
- Construction Management Association (CMA)
- Design-Build Institute Of America (DBIA)
- Society Of Women In Construction (SWIC)
- National Association of Home Builders (NAHB)
- Associated General Contractors (AGC)
- Mechanical & Electrical Contractors Association (MECA)
- Associated General Contractors (AGC)
- Mechanical & Electrical Contractors Association (MECA)



Construction science students survey the Texas A&M campus as part of a pilot course. Read more on page 19.



Students collaborate on a construction management project in the computer laboratory.



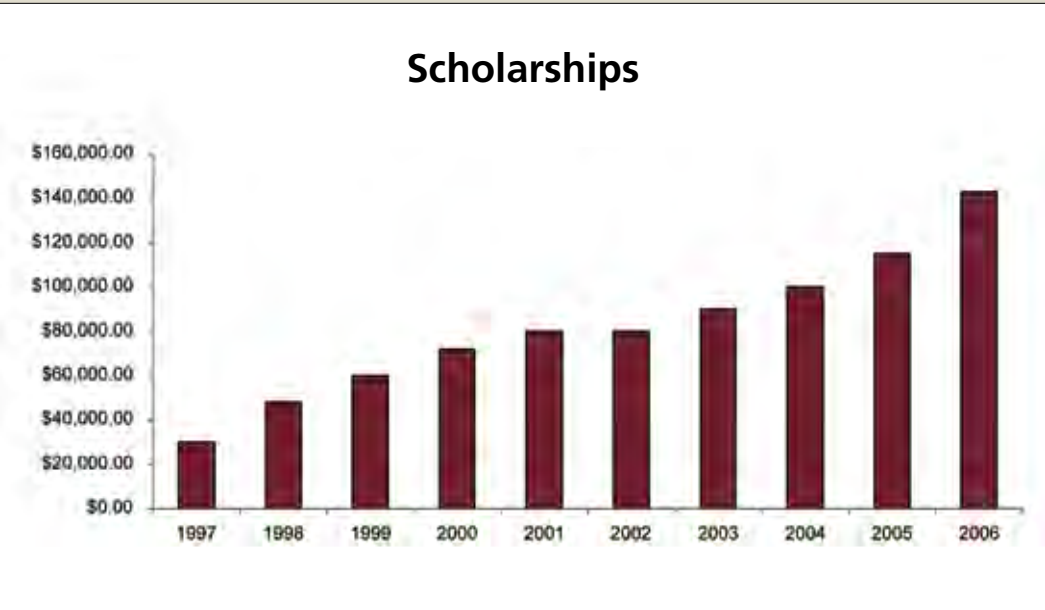
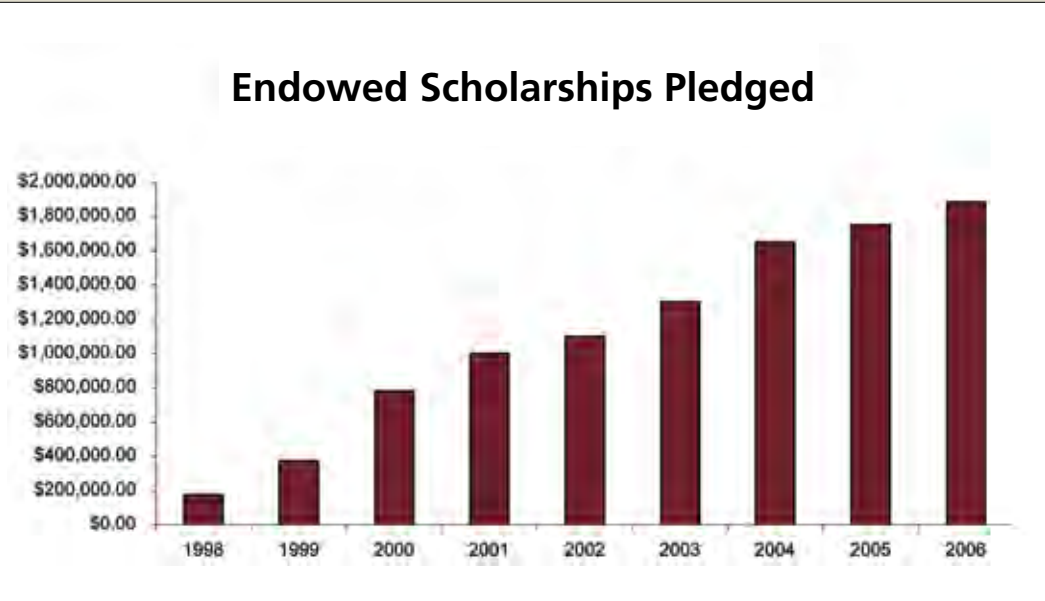
2. Scholarships

Scholarships are an important component of higher education that allow students to more fully participate in the academic process. Many good students are able to continue their studies due to the generosity of industry supporters, and their gratitude extends beyond graduation. Many of the current industry scholarship contributors were recipients of scholarship monies while students in construction science department. In 2006 scholarship data bar is as follows:

The first bar graph ( top, right) shows the pledged value of these endowed scholarships.

The second bar graph (bottom, right) depicts the phenomenal overall success of the scholarship program since the inception of the CIAC.

The support of all industry donors contributes to the continued growth of the Texas A&M construction science program and provides much needed funds to its students.



3. Research and studies

**David Myres**, a graduate assistant under **Dr. David Bilbo**, is conducting research on “Youth’s Perception of the Construction industry.”

This research proposes to identify and analyze the factors that contribute to the preconceived notions of the youth regarding careers in the construction industry.

The study proposes to develop a new perspective about youth in Texas with regard to seeking careers in the industry. It will examine not only the perceptions, but also the source of information which contributes to those perceptions.

Data will be collected and analyzed from different schools in the state of Texas in the spring semester of 2007.

**Savitha Rajan**, a graduate student under **Dr. Julian Kang**, is currently conducting research on “Investigation of Emerging Information Technology to Improve Productivity in Construction.”

This research concentrates mainly on identifying emerging technologies that the industry would like to implement in the near future for the improvement

of productivity and efficiency.

This was done with the help of a consortium which consisted of leading industry representatives from the Fully Integrated Automated Technology (FIATECH) and the Construction Industry Institute (CII), both of whom contributed immensely in identifying a list of technologies whose work

processes, potential economic benefits; technical and commercial issues were then investigated. These were analyzed with the coordination of professionals in the field and through an in-depth study of literature to decipher the effectiveness of these technologies and determine the improvements that could be made to increase their efficiency.

The findings highlighted the main area of concern, that though these technologies were readily available, the industry professionals didn’t have the confidence to implement these without a sufficient guarantee on return of investment into research, cost and time involved in educating the workforce to adapt to these new technologies.



David Bilbo



Julian Kang

## Awards Banquet

As has been the story in recent years, the department's list of accomplishments continued to grow by leaps and bounds in 2006. The CIAC can take great pride in knowing that it has played a major role in these accomplishments because without its help, many of the achievements would not have been possible.

During the 2006 Spring Awards Banquet, some 500 industry members, guests, faculty and students enjoyed the talk given by Gary Blair, the Texas A&M women's basketball coach. Coach Blair gave his insights into teamwork and how that relates to construction and the built environment (he has a degree in architecture).

Pat Kiley, of the Houston Chapter

AGC, gave an inspirational talk about never quitting, being honest and ethical, and above all, about enjoying one's life calling. "Construction," he said, "is a good life calling because it is a place to be of service to others."

The special honoree of the Aggie Constructor Hall of Fame was Raleigh Roussell, executive director of the Quoin Foundation, in Dallas, Texas. Raleigh has been a friend and supporter of construction education programs in the Texas, Louisiana, Oklahoma and Arkansas for years and he is a good friend of Texas A&M's program.

The surprise recognition of Raleigh was great fun and added a unique dimension to the evening's program.

At the awards ceremony held earlier in the evening, almost \$150,000 in

scholarships were handed out. All of these are the result of the CIAC's support.

## Endowed Professorships

In 2006, the James C. Smith Endowed Professorship in Construction Science was awarded to Dr. Richard Burt, the undergraduate program coordinator. Dr. Burt was selected after a competitive search was undertaken.

Consistent with the gift agreement, Dr. Burt will be the Smith Endowed Professor for two years, with the option of renewal for another two years. He is already putting the resources available from the endowment to good use in his research work.

## Facilities

Other changes in the department include getting the Student Organization Office completed and functional. The Fluor Corporation donated funds to compete the new space.

Student competition teams and the officers of the department's nine student organizations used this space heavily throughout the fall to prepare for the competitions that normally occur right after the first of the year.



Richard Burt

## Room to organize



A competition team meets in the department's new Student Organization Room in the Langford Architecture Center. The facility was completed with funds from the Fluor Corporation.

This facility has added a unique capability to the department's "other education" for future Aggie constructors.

Another proposed facility that promises interesting opportunities for student learning is the Intelligent Construction Lab. This will be a state-of-the-art facility allowing faculty to teach students the latest in project management. It will also provide the department the ability to offer continuing education and professional development programs to industry executives.

## Exchange Program

A student exchange program with Salford University in Manchester, England was initiated in the fall semester. Salford University's program in construction management has been rated the best of its kind in all of

England by the British government.

Two students came from Salford to study at Texas A&M, and one Aggie was sent to England to study. By most accounts the exchange was a success. This and other exchange programs, including the department's internship program that offers international internships, are providing students with opportunities to see the world as the construction industry globalizes.

## Enrollment

The fall semester's enrollment of 641 undergraduate students and 83 masters students was the most ever in both programs. Freshmen admissions were aided in 2006 by the offering of scholarships to students who had been offered admission to the Department of Construction Science. In all, 20 of these scholarships were competitively awarded, and all 20 students enrolled

in the construction science program. Twelve of these students were females and minority students among the top of their high school classes. The CIAC's scholarship funds are helping to impact our programs in these unique ways too.

## Department Head

Late in the fall semester, the department started its search for a permanent department head, with plans to complete the search by the spring or early summer of 2007. In the interim, Dr. Charles Graham has served as the interim department head, and Joe Horlen has served as the associate department head.

## CIAC Executive Director

The Construction Industry Advisory Council has helped to make 2006 one of the best years ever. With the hiring of Stephen P. Byrne as the executive director of the CIAC, the department is looking forward to even greater accomplishments in 2007.

The Career Fairs, the internship program, which by many accounts is the finest in the nation, and other connections to the construction industry are helping to keep the Department of Construction Science at Texas A&M at the forefront of construction education. Again, the CIAC is playing a major role in these achievements.



## Hall of Famer

Brad Cumpton, a superintendent with the Miami office of Hensel Phelps, Inc. general contractors, presents the Construction Hall of Fame Award to Raleigh Roussell, executive director of the Quoin Foundation in Dallas Texas at the Department of Construction Science's 2006 award ceremony.





Jeff Hess



Sally Morgan



Dr. Jose Fernandez-Solis



Dr. John Peterson

### New Faculty

The department was very fortunate to hire four outstanding faculty in 2006.

**Jeff Hess** is responsible for the coordination, management and control of specific interior and special projects performed by D.E. Harvey Builders' operations in Houston, Texas. Additional responsibilities include helping manage the interiors group, recruiting of college talent, and the training/development of new employees.

Hess is a valuable team member with experience in estimating, project management, scheduling and marketing. He has also worked as a superintendent. He has worked in the construction industry in various positions ranging from intern architect to general manager of the Houston office of a large general contractor.

Few people in our industry equal Jeff's experience and knowledge of the interior and special construction process, estimating and project controls.

**Sally Morgan**, an experienced educa-

tor from LSU's construction program, was hired last July to teach estimating and project controls. She has already proven her abilities by teaching and helping to coach the commercial competition team.

Morgan has 17 years experience working for several Texas and Louisiana construction companies as a project manager. She earned an MBA at Stanford, and devoted over six years to teaching construction management at Louisiana State University. Her students have greatly benefited from her first-hand knowledge

Her construction experience includes fast-tracked tenant space renovations, corporate office build-outs, retail building facilities and healthcare leasehold improvements. Her areas of specialization include contract administration, project cost control, commercial estimating, and project management.

**Dr. John Russell (Russ) Peterson** joined the faculty in January after he returned from a year's teaching sabbatical in New Zealand. Dr. Peterson teaches in the area of residential con-

struction and construction business.

**Dr. Jose Fernandez-Solis**, who completed his Ph.D. in architecture at Georgia Tech University in the fall, was hired to teach materials and methods of construction and innovation in construction. He has had considerable success in the publishing findings from his doctoral research in design-build services. One conference alone requested 14 different presentations of his work.

In addition to his research, Dr. Solis, who joined the faculty last fall, helps guide the department's competition teams. A theoretical and philosophical critical thinker, he specializes in the areas of sustainability such as resource consumption and emissions generations.

Dr. Solis was awarded the Roberto Goizueta Fellowship from 2004 through 2006. At the same time, he helped found and became the first president of the CBI (International Council for Research and Innovation in Building and Construction ) sponsored Graduate Student Research Chapter at GA Tech.



### Students finish second at regional AGC competition

At left: The student commercial team placed second in regional competition sponsored by the Associated General Contractors of America in Dallas, Texas. The 2006 team was coached by faculty member Ron Workman and sponsored by D.E. Harvey Builders. Team members, picture from the left, include Joe Biedeger, Matt McMullan, Rolf Scheffler, Chasity Jansa, Ross Lampe and Arron Mynar.

### Aggie NAHB student chapter competes in Florida

At right: The Texas A&M Student Chapter of the National Association of Home Builders placed third out of over 30 schools competing at the International Builder Show in Orlando, Fla. The team is coached by faculty member Joe Horlen.



### 2006 Heavy/Highway team places second

Above: The Department of Construction Science's 2006 Heavy/Highway competition team placed second overall in the Region Five contest hosted in Dallas by the Associated Schools of Construction and Quoin AGC. "Best presenter" awards went to Texas A&M team members, Kristen Linne, first, and Charlie Westmoreland, second. Other members of the team, led by Yilmaz Karasulo, were Scott Young, Brian Young, Zac Harris, John Paul Jones II and Andy Janzack.



### Membership Subcommittee

The CIAC Membership Subcommittee meeting held Nov. 17, 2006 was chaired by Dr. David Bilbo and co-chaired by Dr. John Nichols, both members of the Department of Construction Science faculty. In attendance were Brad Cumpton and Mike Dwight from Hensel Phelps, Jessica Horan, RICS, and Laura Thurmond and Esther Francis from CBIC.

Voting for the 2007 recipient for the Constructor Hall of Fame was done after determining whether any other nominees were available to be added to the list prepared during the last meeting. The vote was unanimous for the construction industry professional whose name will be announced at the Spring 2007 Banquet.

The CIAC Special Achievement Award for 2007 will also be awarded at the next banquet. Nominees for the 2008 award remain open.

It was agreed during the meeting that the CIAC would also draw a senior name at the next banquet and award that individual a lifetime membership to the council.

The members also agreed to have an informational table for the CIAC set up at the Spring Career Fair. Needed for the table are:

- A banner with the CIAC logo;
- A flyer with interesting facts about the CIAC; and
- A members list to also be distributed to students.

Various fund-raising ideas were identified for development. The main focus would be a brick that could be stenciled or engraved and placed at a strategic location in the department. Programs for this concept will be developed for review at the next meeting.

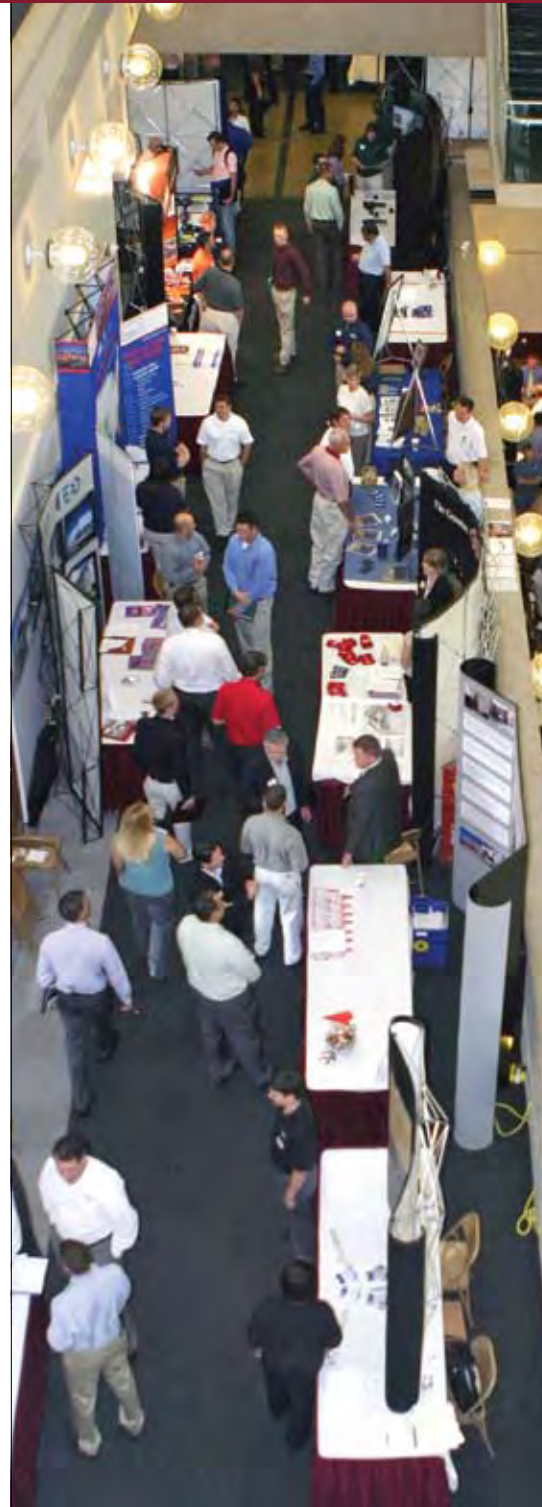
Alternative membership sources were also discussed and a program will be developed for review at the next meeting that will allow a non-traditional members a place in the organization. Such companies could be software suppliers, equipment companies, building product companies and rental companies. The new membership category requires:

- Developing informational flyers for soliciting these kinds of companies;
- Developing parameters and fees for this membership; and
- Determining the benefits associated with the fees.

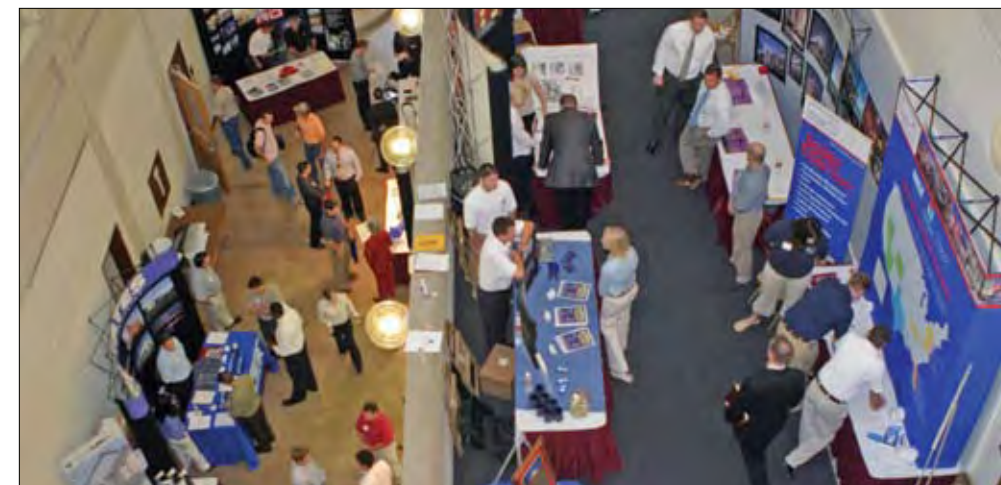
The career fair admittance fee for participating non-member companies was also discussed, then tabled for review at the next meeting.

It was also agreed that a copy of the CIAC Annual Report should be sent to all companies that hired Aggies but are not members of the CIAC. A recruitment letter from the council president would accompany the mailing.

Further, it was agreed that the president should send a letter to all the absent CIAC member companies urging future attendance. The subcommittee also decided to develop a survey to gathering input for enhancing the organization.



For CIAC members, the Career Fair presents a great opportunity to recruit A&M's finest graduates before the rest of the industry. The CIAC Career Fair occurs once a semester in two separate sessions. CIAC members conduct interviews the first session, and non-CIAC companies fill in the second session. Having access to the first round of interviews with outstanding students is one of the biggest advantages of CIAC memberships.





## The Intelligent Construction Lab

The Department of Construction Science is preparing to convert the computer lab in Langford A 119 into a large multi-function teaching and research areas with adjacent faculty offices.

The proposed renovation increases the total area to 2,134 sq. ft., with 1,351 sq.ft. planned for the teaching and research space and 456 sq. ft. for two faculty offices and 327 sq. ft. for a multi-purpose meeting area, or foyer.

The new "Intelligent Construction Lab" (ICL), is envisioned as a technology-supported environment for teaching, research, development and outreach. The research lab will focus on a system thinking approach for construction system and project management in the built environment. The planned technological infrastructure will include multiple plasma screen projections, conference tables with embedded computer systems and additional "laptop friendly" seating. The ICL will support research and teaching of new cutting-edge technologies in construction management.



A conceptual rendering showing the view of the proposed ICL from the atrium of the Langford A Building.



The Intelligent Construction Lab's multiple plasma screens will facilitate teaching, research and teleconferencing.

## New surveying class in the works

The Department of Construction Science has a new class, COSC 301: Construction Surveying and Layout, taught for the first time in the fall semester.

The class emulates the content and format of the highly successful surveying camp held each summer at Auburn University. Dr. Richard Burt, associate professor of construction science, evaluated the Auburn camp during the summer, then led a "mini-semester" survey class at Texas A&M last January using the Auburn model.

Student feedback was very positive.

The department purchased 20 levels, tripods and grade rods using money from the Instructional Equipment Enhancement Fund and will soon be adding transits and total stations.

## Certified Professional Constructors

In 1998, the Department of Construction Science began to endorse the "Certified Professional Constructor" (CPC) credential and encourage its students to seek national certification. At present, all graduating seniors are required to sit for the examination. The pass rate for our students has always been 10-15% higher than the national average. The department derives a special benefit from the exam, receiving feedback from the

CPC Certification Commission on the curriculum in areas where the program needs to be strengthened. Graduates derive benefits from the exam as they find more owners and more employers recognizing the value of certification as a professional constructor. Similar to the PE earned by professional engineers and the license/registration earned by architects, the CPC designation is earned by successfully passing two national examinations and attaining a minimum level of experience in the construction industry.

## Faculty Awards

Faculty in the Department of Construction Science continue to receive recognition for their excellence.

**Dr. James C. Smith, P.E.**, former department head, was elected into the National Academy of Constructors in 2006. Few educators are ever inducted into the academy and so this is a unique distinction for Dr. Smith.

**Professor Bob Segner** was elected to become the president of the American Council for Construction Education (ACCE), the international accrediting body for construction programs in higher education.

**Stephen P. Byrne**, executive director of the CIAC, was elected to become the president of the American Institute of Constructors (AIC), the professional society for constructors.

We are perhaps the only department in the United States to have two faculty coming on line in 2007 as presidents of national organizations. **Dr. Yilmaz Hatipkarasulu** was appointed to the Board of Directors of the Foundation of American Subcontractors Association (FASA). **Dr. Charles Graham, AIA, FRICS**, serves on the Board of the National Consortium of Housing Research Centers.

## Teaching Recognition

In terms of teaching awards, Professor Segner was a finalist for the Presidential Teaching Award. Only four faculty out of over 2,300 at Texas A&M University received that recognition. Steve Byrne was elected by the students to be the outstanding educator by the undergraduate students, and Dr. Yilmaz Hatipkarasulu was elected as the outstanding educator for graduate students. **Dr. Mohammed Haque, P.E.**, was recognized as the outstanding educator in the College of Architecture (out of over 130 faculty) by the Association of Former Students. **Joe Horlen**, associate department head, received a teaching award that is featured elsewhere in this report.

The department is proud of the impacts these and others on our faculty are having on construction education, both at Texas A&M University, and nationally.

## Corporate Membership

### 3D/International/Parsons

Jim Avant  
Senior Associate  
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### Alpha Building Corp.

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### Archer Western Contractors, Ltd.

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Attachment B

Summary of employment for 2006 graduates from the Department of Construction Science

	SPRING 06	SUMMER 06	FALL 06	TOTAL
NUMBER OF GRADUATES	71	41	65	177
NUMBER OF GRADUATES PROVIDING DATA	65	36	42	143
Going to Graduate School	1	-	-	1
Going into the Military	5	3	1	9
Pursuing “Other” Careers	1	-	1	2
Undecided	7	5	4	16
STARTING BASE SALARY**				
Min	\$ 29,999.00	\$ 40,000.00	\$ 36,000.00	\$ 29,999.00
Max	\$ 67,000.00	\$ 55,000.00	\$ 56,000.00	\$ 67,000.00
Average	\$ 47,214.12	\$ 48,203.57	\$ 49,264.71	\$ 48,760.54

\*\* Some students did not provide hiring data.

Companies hiring Texas A&M construction science graduates

Austin Commercial.....	4	Linbeck Construction.....	2
Bartlett.....	2	Lyda Swinerton Builders.....	4
Buford Thompson Company.....	2	Manhattan Construction.....	3
Centex Construction.....	2	Marek Brothers.....	2
Constructors & Associates.....	2	Mccarthy.....	3
D E Harvey Builders.....	3	Spaw Glass.....	3
E.E. Reed Construction, L.P.....	2	T.S.Byrne.....	2
GAMMA Construction.....	2	TD Industries.....	3
Hanover Construction.....	3	Thomas S. Byrne.....	3
History Maker Homes.....	3	Vaughn.....	2
Hoar Construction.....	3	Verde Apartment Comm.....	2
J E Dunn.....	4	Whiting Turner.....	2
Jacobs Engineering.....	2	Zachry Construction.....	5
Joeris General Contractors.....	5		



Attachment C

	Budget 2006	Actual 2006	Budget 2007
Anticipated Income			
Balance on Hand –TAMU	\$ 1,482.93	\$ 52,573.00	\$ 52,573.00
Balance on Hand – Foundation	78,329.32	124,620.00	124,620.00
Individual Membership (Net)	2,000.00	250.00	2,000.00
Corporate Membership (Net)	187,500.00	184,699.86	225,000.00
Total Available	269,312.25	362,142.86	404,193.00
Proposed Expenditures			
Student Enrichment			
• Student Chapters	8,000.00	\$N/A	8,000.00
• Student Competitions	24,000.00	10,932.22	24,000.00
• Graduation Event	6,000.00	7,616.32	10,000.00
• “Build Day”	5,000.00	2,970.66	5,000.00
• Miscellaneous	N/A	N/A	N/A
Research Studies	20,000.00	14,786.59	20,000.00
Student Scholarships			
• Individual	10,000.00	19,000.00	20,000.00
• Endowed Matching	N/A	7,250.00	60,000.00
Faculty Development	N/A	N/A	20,000.00
Program Enhancement	25,000.00	32,182.50	30,000.00
CIAC Meeting Expenses	5,000.00	3,708.44	5,000.00
Annual Budget	16,000.00	15,190.55	16,000.00
Unrestricted Endowment Account	40,000.00	68,165.00	60,000.00
CIAC Endowed Chair	New Account	75,000.00	
Total Expenditures	159,000.00	181,802.28	353,000.00
Net Income After Expenses	\$ 110,312.25	\$ 180,340.58	\$ 51,193.00







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