2000 Annual Report
May 31, 2001

CRS Center Board of Directors
Dr. Robert E. Johnson, AIA, Director
Dr. Mark J. Clayton, Associate Director
Thomas A. Bullock, FAIA, Representative of the Founders of CRS
John Only Greer, FAIA, Wallie E. Scott Professorship
J. Thomas Regan, Dean, College of Architecture
Dr. James C. Smith, Head, Department of Construction Science
Dr. Walter V. Wendler, AIA, Vice Chancellor

CRS Center Staff
Kathy Waskom, Administrative Assistant
Barbara Anderson, Volunteer Archivist
Ge Xia, Graduate Assistant
Susan Wagner, Student Assistant
Michael Lyssy, Student Assistant
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These days we think a great deal about the future of CRS. Where are we going? Even more important, if we are basically planners, where do we want to go? What are our goals?

But values have greater hierarchy than goals. Goals concern the aim or end to which effort is directed -- the package to be wrapped up. But goals must always be extended. The fun is in the doing. There is even sadness in seeing things done. Such finality. Now as we look back, the Brazos County Courthouse is only a skeleton. It was alive when we were doing it. It was a goal. It's dead to most people in CRS. It's not history -- not a new kind of courthouse. It's not new anymore.

Today we have other goals, absolutely necessities. But in trying to achieve them, we have the same (or just about the same) values with which to work toward achieving these goals.

Values are more permanent than goals. Value concerns things we believe in -- like companionship, like work can be fun, like professional growth of the individual, like Mrs. Wise's Christmas tree, like recognition of the individual accomplishment, like professional recognition, like doing things for the other guy when he is in trouble, like certain people thinking of CRS as their family.

Goals we must always have, particularly new ones. But values must remain pretty much the same. Goals are first organizational, thus personal. Values are first human, thus the group.
The CRS Center was established as a university center at Texas A&M in 1991 by the architectural/engineering/construction firm CRSS Inc. and Texas A&M University to focus on issues of leadership and management in the design and construction industry. At the same time, CRSS endowed the Wallie E. Scott and William M. Peña Professorships, and the Thomas A. Bullock Chair. Professor John Only Greer holds the Wallie E. Scott Professorship, and the Thomas A. Bullock Chair is held by Visiting Assistant Professor Brian MacKay-Lyons. The William M. Peña Professorship is currently vacant. Funding for the Center is derived from an annual allocation from the College that consists of $6,500 and partial funding for a full-time administrative assistant; funding from 50 percent of the endowments of the Bullock Chair and the Peña and Scott Professorships; and funding from external research projects. Funding for the annual Rowlett Lecture Series is made possible through a grant by the Texas Architectural Foundation (TAF), from the founders of CRS of Houston, Texas, and Mrs. Virginia Rowlett. The original firm was established by William W. Caudill and John M. Rowlett, professors of architecture at Texas A&M in College Station in 1946.

The Center is administered by Director, Robert E. Johnson, AIA, Arch. D., who is assisted by an internal advisory Board of Directors consisting of Dr. Mark J. Clayton, Associate Director; Thomas A. Bullock, FAIA, Representative of the Founders of CRS; John Only Greer, FAIA, Wallie E. Scott Professorship; J. Thomas Regan, Dean, College of Architecture; Dr. James C. Smith, Head, Department of Construction Science; and Dr. Walter V. Wendler, Vice Chancellor of the Texas A&M University System. Board meetings are held three times per year at the start of each semester period (spring, summer, fall).

The CRS Center is located on the fourth floor of Building C, Langford Architecture Center, in Suite 418. The space in this location provides offices for the director, associate director and administrative assistant as well as several open plan workspaces that are available for use by faculty, researchers and Ph.D. students. The CRS Archives, also located in this space, consist of the slides, photographs, video and audiotapes, articles, and business and personal records of the firm.
The mission of the CRS Center, as defined in the original endowment agreement, is:

To lead in improving the quality of business practice and management in the planning, design and construction industry through knowledge-generating and educational activities.

In order to achieve this mission, the Center has established four long-term goals.

**GOAL 1:** To create useful knowledge in innovation, management and leadership.

**GOAL 2:** To transfer this knowledge to people and organizations in order to create positive change in the industry.

**GOAL 3:** To integrate this knowledge into the education of the next generation of leaders.

**GOAL 4:** To provide programs and resources that contribute to faculty development.

In order to achieve these goals, our overall strategy is to help develop the CRS Center into a resource that will become a more integral part of the College and generally more visible and relevant for the design and construction industry. It seems self-evident that the growth (in size and relevance) of the Center cannot be accomplished without the active participation of others. Therefore, our approach has been to identify and develop areas in research, teaching and service for which there appears to be a high potential for an overlapping interest of sponsors (internal or external), faculty and students. As much as possible, we seek to reach out in meaningful ways to organizations and individuals who share our goals so that we may have a larger impact in whatever we try to accomplish.

**ADMINISTRATIVE**

Mark J. Clayton, Ph.D., was appointed Associate Director of the CRS Center beginning June 1, 2000. Dr. Clayton has ten years of experience teaching architectural design and computer-aided design methods and is currently an Assistant Professor in the Department of Architecture, College of Architecture. He teaches in the undergraduate and graduate programs and conducts sponsored research in the areas of facility management and architectural design. His research addresses improving the quality of facilities design, construction and operation through the application of information technology. He is the 2000-01 President of the Association for Computer-Aided Design in Architecture (ACADIA). He is a strong advocate for applying information technology and computing in teaching and administration at Texas A&M. He is deeply involved in the development of distance education programs and continuing education programs. Dr. Clayton earned a Ph.D. in Civil and Environmental Engineering at the Center for Integrated Facility Engineering (CIFE) at Stanford University. He also earned a Master of Architecture from UCLA, and a Bachelor of Architecture from Virginia Tech.
Kathy Waskom joined the Center as administrative assistant in August 2000. Ms. Waskom has over ten years administrative office experience. Positions previously held included Assistant to the President in a law firm and Staff Assistant in the Dean’s office of the Sterling C. Evans Library at Texas A&M University. In addition to her administrative experience, Ms. Waskom also has a background in event planning and donor relations. Ms. Waskom attended Texas A&M University and majored in Psychology.

**CONTRIBUTIONS TO TEACHING (25%)**

**New Course Taught**

Professors Clayton and Johnson offered a new course in the spring of 2000, ARCH 689—*Facility Information Technology*. The course focused on how new technology, such as Web tools and CAFM software, can be applied in facility management. Nine students completed the course. The course is an approved elective for the Facility Management Certificate and provides an avenue by which CRS research efforts in facility management can be disseminated as a regular part of the curriculum. ARCH 689 will be offered next spring and has an enrollment of 12 students. This version of the course will use distance education methods to teach students in College Station, Houston, Dallas and Mexico City.

**Facility Management Certificate**

The CRS Center is responsible for managing the graduate Facility Management Certificate Program in the College. The faculty advising committee, known as the Facility Management Certificate Council, includes Professors David Bilbo, Fred Forgey, Robert Johnson (chair), Jeff Haberl, Ward Wells, and Paul Woods. This past year was the first full year of operation for the Facility Management Certificate. During this year a series of meetings with industry advisers were held at Texas A&M which culminated in the approval of a set of bylaws on May 19, 2000. The first official meeting of the Facility Management Advisory Council (FMIAC) was held on November 3, 2000.

The following summarizes FM achievements for 2000.

1. The first FM Certificate was awarded: May 2000
2. Number of FM Certificate applications approved: 3
3. Number of M.Arch students interested in FM (Vasquez survey): 9
4. FMIAC by-laws approved: May 19, 2000
5. FMIAC membership dues collected: $13,100
6. First Fall FMIAC meeting held: Nov 3, 2000, 14 industry representatives attended
7. COSC 670 (Intro to Facility Management, F2000, T. Hynds) enrolled 20 students, an increase of 10 from 1999.
8. Conducted a web survey of professional IFMA members in Texas:  
   - 61 interested in participating in an internship program
   - 72 willing to host a tour of their facility
   - 65 interested in joining the FMIAC
**Teaching of Faculty**

CRS Center faculty actively participates in the various teaching programs of the College. A list of regularly scheduled teaching activities of faculty affiliated with the Center includes:

*Spring 2001*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Title</th>
<th>Instructor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARCH 451</td>
<td>3 cr</td>
<td>Strategies of Architectural Management</td>
<td>Robert E. Johnson</td>
</tr>
<tr>
<td>ARCH 405</td>
<td>6 cr</td>
<td>Architectural Design IV</td>
<td>Mark J. Clayton</td>
</tr>
<tr>
<td>ARCH 689</td>
<td>3 cr</td>
<td>Special Topics: Management of Information Technology</td>
<td>Robert E. Johnson and Mark J. Clayton</td>
</tr>
<tr>
<td>ARCH 457</td>
<td>3 cr</td>
<td>Specs and Conditions</td>
<td>John O. Greer</td>
</tr>
<tr>
<td>ARCH 657</td>
<td>3 cr</td>
<td>Professional Practice</td>
<td>John O. Greer</td>
</tr>
<tr>
<td>ARCH 606</td>
<td>6 cr</td>
<td>Architectural Design II</td>
<td>Brian MacKay-Lyons</td>
</tr>
</tbody>
</table>

*Fall 2000*

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Title</th>
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</tr>
</thead>
<tbody>
<tr>
<td>ARCH 305</td>
<td>6 cr</td>
<td>Architectural Design II</td>
<td>Mark J. Clayton</td>
</tr>
<tr>
<td>ENDS 270</td>
<td>3 cr</td>
<td>Computer Techniques of Design Analysis</td>
<td>Mark J. Clayton</td>
</tr>
<tr>
<td>ARCH 605</td>
<td>6 cr</td>
<td>Architectural Design I</td>
<td>Robert E. Johnson</td>
</tr>
<tr>
<td>ARCH 657</td>
<td>3 cr</td>
<td>Professional Practice</td>
<td>John O. Greer</td>
</tr>
</tbody>
</table>

**CONTRIBUTIONS TO KNOWLEDGE GENERATION (25%)**

**TIBS Listserv**

In October 1998, the CRS Center initiated an e-mail listserv to promote the Caudill TIBS. The goals of this activity were to make use of the archives in service to the profession and to increase the visibility of the CRS Center. In addition to spreading the word about Bill Caudill’s TIBS, the listerv is also an excellent way to advertise other Center activities.

During this past calendar year, the number of subscribers to the TIBS listserv grew to over 1,100. TIBS are also being republished on the AIA’s weekly listserv, “This Week.” This continues to be a useful way to keep the Texas A&M University and the CRS Center names in front of a significant number of professionals and former students. This
past year we proofread all 4,000 TIBS in anticipation of making them available on-line in January 2001.

To begin receiving a TIB every Monday, you may request a subscription by sending an email message to: crscenter@taz.tamu.edu. Please include your first and last names.

**Subscriber Comments**
The following is a sample of comments that some subscribers have made regarding the weekly TIBS service.

“I would like to receive a TIB every Monday morning. What a great way to start my week. I will forward it on to all of our employees (firm wide about a hundred or so) so that they can start their week off on a positive note too.”

--- Principal, firm in Chicago

“Today I learned TAMU has Mr. Caudill’s TIBs – boy did that take me back in time. You see I had the pleasure of working for Bill Caudill at CRS – I was an administrative assistant (called executive secretary in those days) for the project managers and my desk happened to be across from the rest rooms and water fountains. Mr. Caudill always spoke to me very kindly. I didn’t even know who he was at first – anyway, over time we developed a “friendship” and since he liked me, I was asked to handle special projects for him – one of those projects was his TIBS. It was my job to type them and distribute them. Bill Caudill was a special kind of person – he valued everyone’s opinion – even a lowly secretary – he was kind, wise, and unassuming – I feel very fortunate to have been considered a friend. I married and left the firm but continued to remain in touch with him for years – he was always Mr. Caudill – but a friend. Please put me on the mailing list to receive a copy of the TIBS. Thanks for letting me ramble on about this special man.”

--- Former CRSer

**Archives Activities**

One of the goals of the CRS Center is to promote the use of the CRS Archives. In order to help measure progress towards this goal, we began logging in all requests for information from the archives in 1997 (see Appendix A for complete list for 2000). To our pleasant surprise, we have found that this material is valuable not only to faculty and students within the College, but to outside professionals as well.

**CRS Center Digital Library**

The CRS Center’s digital library continues to grow. In 2000, we decided to postpone the digitization of CRS slides so that we could first focus on digitizing media that are “at-risk.” Because the shelf life of slides is much longer than the shelf life of audio- and videotapes, we have concentrated on the audiotapes first. The process by which these
tapes are digitized is relatively simple. The tapes are recorded as tracks in *.mp3 format using MusicMatch Jukebox, then transferred to the hard-drive as a digital file and finally recorded onto compact disks. We have chosen CDs as the storage media because they have a shelf life of approximately 100 years. In order to maintain as much of a relationship as possible to the original tapes, the same numbering system and labels have been used. We have digitized an estimated 80% of our audiotapes as of December 2000.

**CRS Archives Scholar Program**

*Goal*

To encourage scholars to make use of the CRS Archives and to support the publication of their scholarship.

*Background*

The CRS Archives Scholar Program was initiated in 1997 to encourage scholars of architectural and business history to make use of the business archives, slide archives, publications and architectural program library of the architectural/engineering/construction firm CRS and its successor, CRSS Inc. The award is intended to help offset living and travel expenses incurred in visiting the CRS Center, as well as other expenses related to the support of research, scholarship and publication that makes use of the archives.

Any faculty member, graduate student, doctoral student or post-doctoral student in architecture, engineering, business or a related discipline is eligible for this award. Successful applicants are assigned a workspace in the CRS Center and are classified as a visiting scholar for the duration of their stay at the Center.

Each year, the CRS Center Board of Directors evaluates the merits of all submitted proposals. If no proposals are deemed acceptable, the Board reserves the right to not make any award. Selections are generally announced by February 1.

*2000 Archives Scholar: Lan-Ying Ip*

The 2000 Archives Scholar Award was given to Ms. Lan-Ying Ip. Ms. Ip received her Bachelor of Architecture with Distinction from Carleton University and her Masters of Architecture from the Harvard Graduate School of Design. She is currently a Research Assistant in the Urbanization in Asia Research Unit at the Harvard Graduate School of Design and is an Architecture Instructor for the Boston Architectural Center.

Ms. Ip’s accepted Archives Scholar proposal is to consider the work of CRS as it relates to the wider backdrop of the energy crisis of 1973. Her hypothesis “…is that CRS’s promulgation of an integrated team design process can and should be understood in relation to a changing understanding of the environment which culminated at the time of the oil crisis.”

As Ms. Ip writes in her proposal, the significance of this project is both historical and critical. She hopes to historically situate the pioneering efforts of CRS within the current design paradigm of ecology and “green buildings.” “By foregrounding the environment *qua* nature at the inception of their practice, and then *qua* energy post 1973, CRS’s work
figures prominently within the American profession of architecture to grapple positively with these issues.”

Summary of CRS Archives Scholars and Results to Date

Summary of Archives Scholars

1996, Dr. Hashim Sarkis, Adjunct Assistant Professor, Harvard University
1997, Robert Young, Assistant Professor of Architecture, University of Utah
1997, Brian Schermer, Ph.D. Student in Architecture, University of Michigan
1998, Kent Spreckelmeyer, Professor of Architecture, University of Kansas
1998, Dr. Paolo Tombesi, Assistant Professor of Architecture, University of Melbourne
1999, No Award
2000, Lan-Ying Ip, Graduate Student, Harvard Graduate School of Design

Results to Date


CRS Oral History

The CRS Center recently completed work on CRS: Autobiography of an Architecture Firm. The book traces Caudill Rowlett Scott from its beginnings, to its emergence as the largest architecture/engineering firm in the U.S., to its divesture in 1994. Many of the leaders and staff members who worked for CRS between 1946 and 1983, were interviewed over several years in the 1990s to form the content of the book. It was Jonathan King who realized that the extraordinary value of these interviews could be more widely disseminated by editing them into a book.

After the death of Professor Jonathan King in 1997, the CRS Center contracted with Philip Langdon to complete work on CRS: Autobiography of an Architecture Firm. Phil added an introductory and concluding chapter. He also wrote short introductions to each chapter in this book. The manuscript is currently being reviewed by Texas A&M University Press.

CRS Center Ph.D. Scholar Program

The CRS Center initiated the CRS Center Ph.D. Scholar Program in 1999. The goal of the program is the recruitment of highly qualified Ph.D. students whose backgrounds are relevant to externally funded research being conducted through or planned by the CRS Center. Current funded research is exploring the uses of information technology in design and construction, with a specific reference to the use of information technology in facility management.

Ge Xia received the CRS Center Ph.D. Scholar Award for the year 2000. Born in South China, Xia graduated from Toanghi University in Shanghai in 1998 with a bachelor’s degree in architecture.
He plans to receive his master’s degree in May of 2001 and his doctorate in May of 2004. Currently, Xia is focusing his research on the impact of the Internet and e-business on the facility management industry. After graduation, he hopes to continue his research and begin a career in higher education.

The highlight of Ge Xia’s year was the research he is conducting on the uses of information technology in the facility management department of a major telecommunications company. Other major activities included collaborating with Drs. Johnson and Clayton in preparing for a new Facilities Information Technology course (ARCH 689) in the Department of Architecture and maintaining the CRS Center web site. Xia’s web talents were showcased as he designed and implemented the 2001 Rowlett Lecture website <http://www.rowlett.tamu.edu> in March 2000. Xia has also been instrumental in working towards having the TIBS online in January 2001.

Xia participated in the survey of e-commerce and facility management with Drs. Johnson and Clayton. The completed survey was published and presented at several conferences, including the World Workplace Conference in New Orleans.

**King Memorial Student Research Endowment**

During 2000, the *Jonathan King Memorial Student Research Endowment*, which was established through the College of Architecture in honor of Jonathan King in the fall of 1997, continued to grow. This endowment will be used to finance student research through the CRS Center. The first award will be made to Bruce Bockhorn, AIA, a Ph.D. student in the College of Architecture. This award will be announced at the 2001 Rowlett Lecture. Bruce’s dissertation focuses on the projected shortfalls in meeting architecture workforce demands on both national and regional levels. His research will help to understand the reasons that young men and women choose architecture as a college major, with particular emphasis on the process of career selection by female and minority students entering the state’s seven accredited architectural programs.

**ARCC King Student Research Medal**

Established in November 1998 by the Architectural Research Centers Consortium (ARCC), this award was named in honor of the late Jonathan King, co-founder and first president of the ARCC. As a final tribute to Professor King’s life-long commitment to the advancement of architectural research, this medal is awarded annually to one deserving student from each ARCC member school and is intended to recognize current research and scholarship at either the undergraduate or graduate level. Each school is responsible for determining its own selection procedures.

This year, the College of Architecture awarded the medal to Dr. Keith Sylvester for his Ph.D. dissertation, “An Analysis of the Benefits of Photovoltaic-Coated Glazing on Owning and Operating Costs of High Rise Commercial Buildings.” Dr. Jeff Haberl, Associate Professor of Architecture, was chair of Sylvester’s dissertation committee.
Visits to Other Institutions

Professor Clayton visited facility management educators in the United Kingdom in the fall of 2000. The educators he met included Brian Sloan and Alan Melvin at the Napier University Edinburgh and Alan Bridges and John Woods at Strathclyde University in Glasgow.

Research Development Activities


1998  Clayton, M., Principal Investigator, and Johnson, R., Co-Principal Investigator, “Delivery of Information to Support Operational Documentation,” USAA Inc. ($14,000).

1997  Clayton, M., Principal Investigator, and Johnson, R., Co-Principal Investigator, “Information Content of As-Built Drawings,” USAA Inc. ($10,000).

1997  Johnson, R., Principal Investigator, and Clayton, M., Co-Principal Investigator, “Collaborative Facility Management Using Intranet Technology,” partnership with USAA Inc.


Research Activities, Survey of the Use of E-Commerce in Facility Management

In April 2000, Drs. Johnson and Clayton were awarded a research grant from the International Facility Management Association Foundation Corporate Circle of Contributors for their proposal “A Survey of the Impact of E-Commerce on FM Practices.”

Through this $15,000 grant, Johnson and Clayton gathered information on how e-commerce is being used, who is using it, and how they expect it will be used in the future. Johnson and Clayton found that respondents to their survey anticipated that e-commerce use will be substantially expanded in every application category over the next two years.
Finalized in September 2000, the results were disseminated in a variety of academic and professional publications such as O&M News, Facility and Management Journal, and ARCHI-TECH. The results have also been presented at World Workplace 2000, the 13th Annual IFMA Northern Illinois Chapter’s Seminar, and the 2000 Annual Conference of ACADIA in Washington, D.C.

PUBLICATIONS

Publications and Presentations, Juried:


Presentations, Not Juried:


Publications by others about our research:


CONTRIBUTIONS TO SERVICE/OUTREACH (25%)

CRS Center faculty have contributed in a variety of ways to the growth of the College and the profession, intermingling the two through leadership in research in the design and construction industry and sponsorship of College activities such as the Rowlett Lecture Series.

The Rowlett Lecture Series

Background

The John Miles Rowlett Lecture Series was created in 1980 to bring speakers of national and international significance to the schools of architecture at Texas A&M and the University of Texas. The original endowment was established with the Texas Architectural Foundation (TAF) through support from the Founders of CRSS Inc. of Houston, Texas, and Mrs. Virginia Rowlett. After reviewing proposals by each school for the inaugural lecture, Texas A&M was chosen and subsequently given control over the series by TAF because of its enthusiasm and the quality of the program prepared for the first lecture.

2000 Program — Design-Build

The Design-Build Institute of America partnered with the CRS Center to present the 20th annual Rowlett Lecture, Design-Build: The Changing Face of Project Delivery, February 10 and 11, 2000. This professional conference was presented with additional sponsorship by the Design-Build Professional Interest Area of the American Institute of Architects.

Boasting a slate of nationally-known presenters, the lecture explored the emergence of design-build as an increasingly popular method for delivering buildings in both the public and private sector. The conference enriched the education of students, design-build practitioners and those interested in engaging in innovative project delivery. The programming format and content was ideal for architects, engineers, constructors, developers, facility managers, owners’ representatives, contract administrators and students pursuing degrees in any of these fields.
Dr. James Smith was instrumental in helping to involve DBIA national as well as the Texas chapter of DBIA, which also had its annual meeting coincide with the symposium. The organizing committee for this program included: Professor Julius Gribou, Head of the Department of Architecture; Dr. James Smith, Head of the Department of Construction Science; Dan Williams and Ryan Cotton, students in the student chapter of the Design-Build Institute of America; and Dr. Robert Johnson, Director of the CRS Center.

2001 Program — The Legacy of CRS

During 2000, most of the overall planning for the 2001 Rowlett Lecture took place. This lecture series will include both a half-day conference and evening dinner, which will play host to the first-ever and highly anticipated CRS Reunion. The conference and reunion is being planned with the help of an organizing committee consisting of: Thomas A. Bullock, James B. Gatton, Robert E. Johnson, Charles E. Lawrence, Edward F. Nye, C. Herbert Paseur, William M. Peña, J. Thomas Regan, and Charles B. Thomsen. College of Architecture lecturer, Alex Ling, and graduate assistant, Seong-Hyeak Won, designed posters for the 2001 Rowlett Lecture which showcased CRS designs.

CRS Center Newsletter

The CRS Center Newsletter was published in spring 2000. With so many activities taking place in the fall, the fall issue was not published. We plan to resume publication in spring 2001. A special issue announcing the awarding of the Jonathan King Student Research Award will also be published.

CONTRIBUTIONS TO FACULTY DEVELOPMENT (25%)

Faculty Participation

The CRS Center’s focus on facility management has increased the general level of faculty interaction and therefore the integration of Center activities within the College. We expect this to continue and expand in the next year.

Faculty who currently have a substantial affiliation with the Center include the following members of the CRS Center Board of Directors:

- John Only Greer – Scott Professorship and Board Member
- J. Thomas Regan – Board Member
- James C. Smith – Board Member
- Walter V. Wendler – Board Member
- Brian MacKay-Lyons – Bullock Chair

Faculty who are members of the Facility Management Certificate Council include:

- Robert E. Johnson (chair) – Professor and Director, CRS Center
- David L. Bilbo – Asst. Dept. Head and Assoc. Professor of Construction Science
- Fred A. Forgey – Assoc. Professor of Landscape Architecture and Urban Planning

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Faculty who are listed as participating in the facility management program include:

John Bryant, Ph.D., Assistant Professor of Construction Science
Mark J. Clayton, Ph.D., Assistant Professor of Architecture
Nancy L. Holland, Ph.D., Associate Professor of Construction Science
Robert E. Johnson, D.Arch., Director, CRS Center and Professor of Architecture
Michael K. Lindell, Ph.D., Director, Hazard Reduction and Recovery Center and
Professor of Construction Science and Landscape Architecture and Urban
Planning
Valerian Miranda, Ph.D., Associate Professor of Architecture
David L. Pugh, Ph.D., Associate Professor of Landscape Architecture and Urban
Planning
Andrew D. Seidel, Ph.D., Professor of Architecture and Landscape Architecture
and Urban Planning
Atef M. Sharkawy, Ph.D., Professor of Landscape Architecture and Urban
Planning
Mardelle M. Shepley, D.Arch, Associate Professor of Architecture
Louis G. Tassinary, Ph.D., Director, Environmental Psychophysiology Laboratory
and Associate Professor of Architecture
David G. Woodcock, Director, Historic Resources Imaging Laboratory and
Professor of Architecture
Paul Woods, D.E.D., Associate Professor of Construction Science

**CRS Center Fellows Program**

In order for the CRS Center to accomplish its mission, it must build a supportive
intellectual environment and research infrastructure for faculty, graduate students and
professionals whose interests are compatible with those of the Center. To help create this
supportive environment and infrastructure, the Center instituted the CRS Center Fellows
Program in 1998.

Membership is open to all faculty, researchers and professionals. Center Fellows are
appointed and reviewed by the CRS Center Board of Directors for a maximum term of
three years in accordance with College policy. In addition, any faculty member who is the
principal investigator of a research project administered through the Center is
automatically eligible to become a Center Fellow, subject to approval of the CRS Center
Board.

**Student Support**

During 2000, the CRS Center continued its tradition of supporting students through work
at the CRS Center. Susan Wagner and Linda Gooch worked diligently to enter and edit
over 3,900 TIBS for our TIBS Listserv. Michael Lyssy worked hard on digitizing our
audiotapes and slides for the CRS Center Digital Slide Library Project, which is still in
progress. Graduate Assistants in 2000 included Ge Xia (CRS Center Ph.D. Scholar),
Jeong-Han Woo (M.S. in Construction Management), Troy Randsell (M.Arch.), Seong-
Hyeak Won (M.Arch.), and a recent graduate of the M.Arch. program, Alexander Ling. Thanks to all these students for helping to continue the work of the CRS Center!

In addition to providing faculty assistance, most Center-affiliated professorships and chairs also provide funds for graduate student support.

**Summary of CRS Center Graduate Assistants to Date**

1992-94, Melissa Saul, Will Vinton Studios, Portland, Oregon
1995-97, Scott Kyle, Fitts Architects, Alabama
1996-97, Rhonda Sharkawy, Urban Restorations, New Orleans, Louisiana
1997-1998, Jamal Al-Qawasmi
1997-99, Yunsik Song, Ph.D. Candidate, Texas A&M University
1998, Jennifer Kaus, M.Arch. career change student, Texas A&M University
1999-Present, Ge Xia, CRS Center Ph.D. Scholar.
# APPENDIX A: 2000 CRS ARCHIVES REQUESTS

<table>
<thead>
<tr>
<th>Name</th>
<th>Material Requested</th>
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<td>Anju Kadam</td>
<td>Interiors Program—Riverside General Hospital</td>
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<tr>
<td>Charles Lawrence</td>
<td>Miscellaneous project information for use in University of Texas Distinguished Alumni ceremony (photos of Akron Performing Arts Center; slides of Houston Light and Power headquarters building, etc.)</td>
</tr>
<tr>
<td>Lan-Ying Ip</td>
<td>Info from visit as Archives Scholar.</td>
</tr>
<tr>
<td>Shana Hallyek</td>
<td>Master Plan Program, Tyler State College, January 1973</td>
</tr>
<tr>
<td>John Whitaker,</td>
<td>Reviewed programs for: Chadwick school, Wake Forest Fine Arts Center, Michigan State Performing Arts Complex, Akron Performing Arts Hall, Kentucky Cultural Complex, Corpus Christi Community Cultural Center. Copies made: Wake Forest, Course Enrollment, Space Program (15 pages) Copies made: Chadwick, Misc. “facts,” space program (10 pages)</td>
</tr>
<tr>
<td>Jason Mellard ‘00</td>
<td>Bucket of Oil</td>
</tr>
<tr>
<td>David Bullen</td>
<td>Visited the CRS Center from 4-17-00 to 4-18-00. Scanned 44 slides of various CRS projects that he worked on while at CRS. We burned these onto a CD for him.</td>
</tr>
<tr>
<td>Don Burleson</td>
<td>Copy of Nation’s Schools</td>
</tr>
</tbody>
</table>
APPENDIX B: SUMMARY OF 2001 GOALS & PRIORITIES

GOAL 1: Create useful knowledge in innovation, management, and leadership.

GOAL 2: Transfer this knowledge to people and organizations in order to create positive change in the industry.

GOAL 3: Integrate this knowledge into the education of the next generation of leaders.

GOAL 4: Provide programs and resources that help in faculty development efforts.

TO CREATE USEFUL KNOWLEDGE (GOAL 1):

Priority: Obtain funded research projects and do research

1. Continue to develop a research specialization in information technology for facilities management; develop research through facility management contacts. Research proposals to AIA (Latrobe Fellowship), NASA and other organizations. Contact FM firms to collaborate on site visits follow-up to survey.
3. Continue the CRS Center Ph.D. Scholars program to attract the best Ph.D. students. (Awarding this in 2001 is contingent upon availability of funding.)

TO TRANSFER KNOWLEDGE (GOAL 2):

Priority: Publish the CRS Oral History (TAMU Press)

1. Review and update communications plan.
2. Publish research results in academic (peer reviewed) and professional journals.
3. Present at academic and professional conferences.
4. Develop working partnerships with organizations that share research interests.
5. Advertise and select a CRS Archives Scholar.

TO INTEGRATE KNOWLEDGE INTO EDUCATION (GOAL 3):

Priority: Implement the certificate in facility management

1. Manage and develop the facility management certificate program.
2. Continue to co-teach new course: Facility Information Technology.
3. Continue the CRS Center digital slide library project: emphasis on “at risk” media.
4. Continue to promote the TIBS-L listserv; convert Caudill speeches to web site.
5. Integrate knowledge from research and from the archives into courses.

TO ASSIST IN FACULTY DEVELOPMENT (GOAL 4):

Priority: Implement the certificate in facility management

1. Develop new teaching and research possibilities through the facility management program.
2. Provide student assistants to faculty as resources allow.