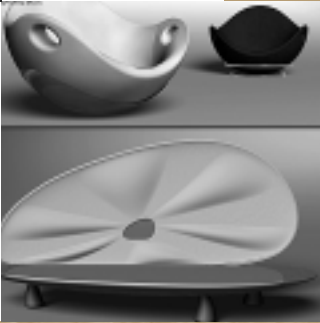


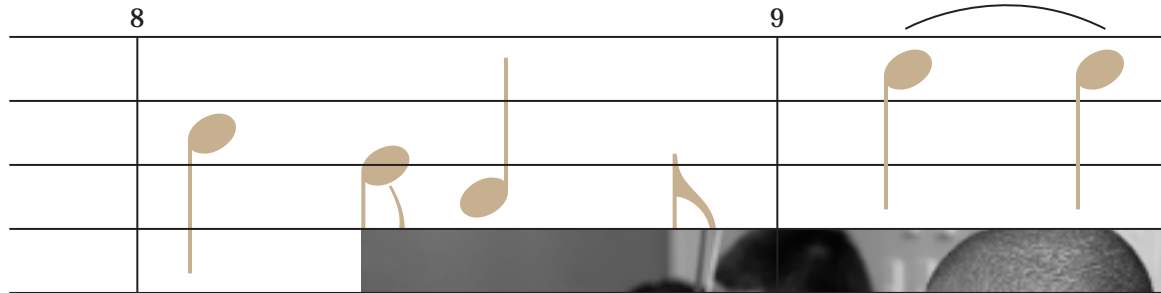
College of Architecture

newsletter

summer/fall 2004



ARCHITECTURE
ARTS AND TECHNOLOGY/MUSIC
BUILDING CONSTRUCTION
CITY AND REGIONAL PLANNING
CONTINUING EDUCATION
INDUSTRIAL DESIGN
PH.D. PROGRAM



Letter from the Dean



As can be seen in several stories of this newsletter issue, the international thrusts of the College are clearly evident, involving students, faculty and alumni. Recent international engagements of our faculty and students are quite diverse:

- Ecuador – the work of Professors Ellen Dunham-Jones, Michael Gamble and Randy Roark and architecture and planning students in an urban design workshop in the Canton of Samborondon;
- Israel and Palestine – the work of Professor Michael Elliott in mediation training for environmental professionals;
- United Arab Emirates (UAE) – my own work, as well as the work of Professors Ellen Dunham-Jones and Chris Jarrett in assisting several UAE universities in developing their programs and curricula in architecture, architectural engineering, interior design, and city and regional planning.

Similarly, in terms of alumni, one of our graduates, Michael Arad, from Israel won the

World Trade Center Memorial Competition, while another, Hawa Meskinyar, from Afghanistan returned to her home country and founded a humanitarian organization committed to helping women and children in Afghanistan find their way toward independence. Other of our graduates, such as Mona El-Mousfy and Samia Rab are on the faculty in the School of Architecture and Design at the American University of Sharjah in the UAE, and another, Mohamed Bechir Kenzari, is winner of the 2003 Outstanding Article of the Year from the Association of Collegiate Schools of Architecture and is on the faculty of the School of Architectural Engineering at UAE University in Al-Ain.

These engagements are in addition to the broader international emphases of the College curricula, such as senior year in Paris which has been in place nearly 35 years, and the broadened summer programs in Rome, Paris, Oxford, Barcelona, and other European cities that experience growing student interest and participation each year. With the Institute's goal of sending 50 percent of our baccalaureate degree recipients abroad by 2007, Georgia Tech recently released a report showing study abroad participation across the Institute for 2002-2003. It showed that of the 132 undergraduate degrees the College of Architecture awarded that year, 65 of these students, or 49 percent, graduated with international program experience.

Clearly, international immersion of our students is regarded as an important goal for both the Institute and the College, but why? First, this experience is absolutely critical to the diversity of knowledge we desire for our students. This emphasis also has very practical importance due to the globalization of design, construction and planning practice and the need for our graduates to be competitive in this practice. But it is also important for Georgia Tech and other major research universities to continue its long-standing practice of educating future leaders and professional experts in the built environment in countries throughout the world. This task is becoming increasingly more difficult due in no small part to heightened security concerns which provide a growing number of barriers for visas and immigration procedures for both students and faculty. Thus, while international engagement remains an important objective of American higher education, it will require an ever increasing sensitivity to enhancing a climate of receptivity of international collaboration in U.S. universities.

Thomas D. Galloway, Ph.D.
Dean and Professor

Annual College of Architecture Awards Day Ceremony



The College held its 11th Annual Awards Day Ceremony in April. During the event, Dean Galloway and the College's Awards Committee recognized faculty, staff, and students for their outstanding achievements in teaching, research, scholarship, and creative activities over the past year.

College News

Justice Accepts Appointment in Hong Kong

Lorraine Justice, director of the Industrial Design program, is taking a leave of absence to become the head of the Design School at Hong Kong Polytechnic University in Hong Kong.

During her tenure at Tech, Justice redesigned the industrial design curriculum according to national standards; implemented a new Master of Industrial Design (M.ID) professional degree; began exchanges with schools in Sweden, Germany, and China; hired new design faculty; and brought international visibility to the College of Architecture in the area of industrial design.

“While we will miss Dr. Justice, this is a wonderful recognition of her design leadership and reflects extremely well on our ID Program and the national and international visibility it now enjoys,” said Dean Galloway.

Professor Wayne Chung has been appointed interim director of the program effective July 1.

“Professor Chung and I will be working very closely together to ensure that the momentum of the program, begun by Dr. Justice, will be maintained and extended,” Galloway said.

College Welcomes New Faculty and Staff

The College of Architecture welcomes the following new faculty and staff:



Christine File joined the College as its new development officer in July. She is responsible for planning, implementing, and managing the development strategies for the College. File comes to Atlanta from Pennsylvania, where she served as director of development for the College of Fine Arts at Carnegie Mellon University. She has more than 25 years of experience in development and public relations. File received her bachelor's degree in English from the University of North Carolina and her master's in rehabilitation counseling from the Virginia Commonwealth University.

Frances Hsu has been appointed as an assistant professor in the Architecture Program starting Fall 2004. She completed her Ph.D. at the ETH in Zurich with a dissertation on Rem Koolhaas, especially his interest in the “paranoid critical method.” She received her M.Arch at Harvard, and worked in the offices of OMA and Peter Eisenman.

Hsu has been teaching in the Architecture Program as a visiting assistant professor since 2002, offering both graduate and undergraduate studios and seminars on Alternative Practices, the Ends of Modernism, and Contemporary Urbanism. In addition to continuing to teach in these areas, she expects to convert her dissertation into a thematic book and continue her scholarship on contemporary practices.



Deborah McCullum joined the College as assistant to the dean in April. She has more than 12 years of administrative experience providing support to executive level management. McCullum comes to the College from Georgia State University, where she served as the assistant to the dean in the College of Law. She received a bachelor's in political science from Portland State University in Oregon and a bachelor's in accounting from the University of La Verne in California.



Franca Trubiano has been hired as a visiting assistant professor in the Architecture Program beginning in the Fall of 2004. She is completing her Ph.D. at the University of Pennsylvania with a dissertation on the writings and ornamental designs of 18th century Italian architect Giovanni Battista Piranesi, whose work attempts to reconcile the certainties of construction with the uncertainties of beauty, aesthetics, and meaning.

Trubiano received her professional and post-professional architecture degrees from McGill University. She has been teaching studios at the University of Pennsylvania and at Clemson University, where she is currently the McMahan Visiting Associate Professor. She expects to publish her dissertation and continue research on the intersection between representation and tectonics, especially in relation to surfaces and materiality. She

hopes to continue to incorporate design-build investigations of new technologies and new materials into her teaching at Tech.

Former Maryland Governor Shares Smart Growth Story

Parris Glendening, former Governor of the State of Maryland (1995-2003), shared his vision for smart growth in a presentation at Georgia Tech in April. Glendening, currently the president of the Smart Growth Leadership Institute, was in Georgia for two days speaking to various civic groups about smart growth issues. In Atlanta, he spoke to the Metro Atlanta Chamber of Commerce's Quality Growth Task Force.

At Georgia Tech, Glendening spoke about how U.S. housing, tax, mortgage, and transportation policies are contributing to suburban sprawl. He documented the ways by which the State of Maryland counteracted some of these policies through its smart growth, open space, and infrastructure programs. He suggested that smart growth policies could lead to farmland protection, urban redevelopment, affordable housing, and reduced costs for infrastructure. The public presentation was co-sponsored by the City and Regional Planning Program, the Center for Quality Growth and Regional Development, the College of Architecture, the Urban Land Institute-Atlanta District Council, Jordan Jones & Goulding, and the Georgia Tech Economic Development Institute.

Glendening's Smart Growth initiative has received several prestigious awards, including the American Society of Landscape Architects' Olmsted Award and the Harvard Innovations in American Government Award.



Annual Alumni Meeting and Reception

The College of Architecture Alumni Committee
will host its annual business meeting
and Alumni Homecoming Reception on
thursday, october 14, 2004

homecoming 2004

program

- 5:30 p.m. business meeting of the college alumni committee:**
state of the college of architecture; introduction of new faculty and staff;
election of new committee members and officers.
technology square research building/room132
85 5th street nw
- 6:30 p.m. reception**
centergy one/lobby
75 5th street nw

rsvp for program and reception by october 5 **404.894.3880**

College and Music News

College News continued

Michael Arad Visits College of Architecture

Alumnus Michael Arad, who won a commission to design the World Trade Center memorial, returned to the Georgia Tech campus in the spring to share his experiences with architecture students. Arad (M.Arch 1999) spoke to a packed classroom. In addition to discussing the process and the evolution of his design, he fielded questions from the audience of current students. “Not that long ago, Michael was sitting where you are,” Doug Allen, associate dean of the College, told the students. Arad’s design, “Reflecting Absence,” was selected for the World Trade Center memorial in January. Arad consulted with Allen, his former professor, on a number of occasions as he worked through the competition process. When he submitted his design in June 2003, he was working for the New York City Housing Authority. In November, he learned he was one of eight finalists and was given two months to prepare

material for the jury presentation. The jury encouraged Arad to work with a landscape architect. He chose Californian Peter Walker. Arad’s street-level design features a plaza with irregular trees from which are carved the footprints of the twin towers in two 30-foot-deep sunken reflecting pools. “Originally, I presented only one board. When I presented to the jury for the second round, there were five boards and two models. In a way, it was like an intense studio. Like any studio sort of exercise, you have a deadline and you try to get every-

thing you can done in as frugal an amount of time as possible,” he said. Arad received a bachelor’s degree in government from Dartmouth College before earning his graduate degree at Tech. “Tech is where I received my architectural education and the skills that I have developed here are the ones that are still helping me,” he said. The long hours he spent as a student working on classroom projects helped prepare him for the ordeal of the competition, Arad said. “The lack of sleep I got here paved the way,” he said.



Music News

Choral Concert Reflects Voices from Around the World

The Music Department presented a spring choral concert entitled “Different Voices” in April. The program included music and poetry from around the world in various styles and languages. The theme reflects the international nature of the Georgia Tech student body and the Tech choral groups. Both the Chamber Choir (45 voices) and Chorale (100 voices) performed, and there was a featured performance by the Tech Men’s Chorus. Conducted by Director of Choral Activities Jerry Ulrich, the concert included works from the Renaissance, female composers, West Africa, Haiti, and America as well as Britten’s “Rejoice in the Lamb” for chorus and organ. This work also featured Keith Weber, an organ virtuoso and internationally recognized concert organist.

Percussion Members Perform with Shania Twain

Ten Georgia Tech percussion members performed with Shania Twain during a recent concert in Atlanta. The concert was held at Philips Arena in April in front of a sold out crowd of 18,000 fans. The percussionist’s only rehearsal with the band was in the afternoon on the day of the concert. “On the day of the show, we arrived during sound check to meet with Shania’s drummer, J.D. Blair, who taught us the parts he wanted us to play,” said Justin Weaver, a Mechanical Engineering student and percussion member.

Wearing their Georgia Tech uniforms, the percussion members marched on stage to perform “If You’re Not in it For Love” with Twain. “The crowd seemed to get into our performance and enjoyed watching a drum line, something not usually seen at most concerts,” said percussionist Ashley Cornelison, a Civil Engineering student and percussion member. “After we stepped off stage, people cheered for us as we walked down the aisles.” Even after the show, as the students were loading their equipment, fans continued to stop by to tell the students how much they enjoyed the show. “It was rewarding to see the students interacting with professional musicians,” said Chris Moore, director of percussion studies. “The drummers handled themselves professionally and did an outstanding job during the concert.”



The 2004-2005 Music Department Concert Schedule

- The following concerts will be held at 8:00 p.m. at Robert Ferst Center for the Arts. For more information, contact www.music.gatech.edu or call 404.894.3193.
- October 7, 2004**
“Chosen Gems,” presented by the Georgia Tech Symphonic Band and Concert Band will feature selected works by renowned composers Shostakovich, Grainger, Giannini, and Bartok. General admission is \$5 for students and \$10 for others.
- October 26, 2004**
The Georgia Tech Yellow Jacket Band will present its annual concert featuring individual sections of the band performing unique selections. Mixed media, artistic lighting, and theatrical effects will culminate in a dramatic climax as the entire Yellow Jacket Band takes the stage for the grand finale. Last year’s concert was standing room only and this year’s performance will be one you won’t want to miss.
- March 8, 2005**
“Symphonic Classics.” Join the Georgia Tech Concert Band as they present a variety of classical music written for the concert band. General admission is \$5 for students and \$10 for others.
- April 14, 2005**
“The Music of Frank Ticheli,” performed by the Georgia Tech Symphonic Band under the direction of Dr. Andrea Strauss, will include “Vesuvius,” “Simple Gifts,” “An American Elegy,” and Ticheli’s most recent work entitled “Symphony No. 2.” General admission is \$5 for students and \$10 for others.
- April 19, 2005**
“Great American Music.” The Georgia Tech Concert Band will present a night of American music. Whether you enjoy the music of John Philip Sousa or soundtracks from the silver screen, this concert is for you. General admission is \$5 for students and \$10 for others.

Alumni News

Crumpton to Join AICP's College of Fellows



The American Institute of Certified Planners (AICP) recently announced the induction of Charles Crumpton (MCP, 1968), of Columbus, Georgia, into the elite membership of AICP's College of Fellows. Crumpton was named a fellow on the basis of individual achievement in the field of urban and rural planning at a ceremony held in conjunction with the American Planning Association's (APA) National Planning Conference in Washington, D.C. last spring.

"The members of the AICP College of Fellows represent the most outstanding contributors to the planning profession," said Barbara Lukermann, FAICP, co-chair of the Fellows of AICP selection committee. "The fellows devote their careers to excellence in planning, and they set the highest standards for professional planners today." Election to the fellowship may be granted to planners who have been long-time members of AICP and have demonstrated excellence in professional practice, teaching and mentoring, research, community service, leadership, and communication. Altogether, 46 planners from 25 states were inducted into the AICP College of Fellows this year.

"One of the founding fathers of the Florida Chapter of APA, Charlie Crumpton is a leader who, throughout his career, has fought and won many tough battles in support of planning. His work in 1979 defeating a bill in the Florida Legislature that would have only permitted registered architects, engineers, landscape architects, or land surveyors to qualify as planners is an example of this crusade," said Daniel Lauber, president of AICP.

Smith Appointed to Board of Architects and Interior Designers

Governor Perdue recently appointed Anne K. Smith, AIA (B.S. 1985, Architecture) to the Georgia State Board of Architects and Interior Designers.

The Georgia State Board of Architects and Interior Designers is comprised of nine members appointed by the governor. Six members are registered architects, two members are registered interior designers, and one member is appointed from the public at large. All members are appointed for terms of five years and serve to protect the public health, safety, and welfare by regulating the activities of persons engaged in the architectural profession. The board has the authority to adopt rules, set standards for licensure, adopt mandatory standards of professional conduct, and investigate and discipline unauthorized, negligent, or incompetent practice.

Smith is currently a principal in Lominack Kolman Smith Architects in Savannah and has served as the state director of the American Institute of Architects (AIA). She is a member of the Architect's Foundation of Georgia, past Chairman of the Women in Architecture in Savannah, and a member of the National Trust for Historic Preservation. Smith was awarded the Bronze Medal by the AIA and received the Woman of Achievement Award from the Oglethorpe Business and Professional Women.

Kenzari Receives Outstanding Article of the Year Award

Mohamed Bechir Kenzari (D.R. 1991 Architecture), won the Association of Collegiate Schools of Architecture (ASCA) Award for the Outstanding Article of the Year in 2003. His article, co-authored with Yasser Elsheshtawy, appeared in the Journal of Architectural Education and was entitled "The Ambiguous Veil: On Transparency, the Mashrabiya, and Architecture." Kenzari currently teaches in the Department of Architectural Engineering at the United Arab Emirates University.

"The article tries to present transparency without a glazed medium," says Kenzari. "This aspect of transparency can be found in the Middle Eastern device of the mashrabiya, the wooden lattice window. Promoted by Orientalism as a typical motif of the East, it has slowly become a mark of subjugation and confinement. But the logic of the mashrabiya permits other interpretations."

The article suggests that transparency in architecture possibly found its beginnings not through the use of glass but in weaving. "Following Semper's classical thesis that the beginning of building coincides with the beginning of textiles, it was possible to argue that the first architectural applications of transparency must have first emerged in the crude intertwining of tree branches for fences and pens which evolved into the art of weaving with bast and wicker, and later with woven threads," Kenzari said. "With the need for warmer, more solid, or more durable walls behind, the textile hanging became a 'dressing' and subsequently it was replaced by other 'surrogate dressings,' such as stucco, wood and metal plaques, terra cotta facings, and alabaster and granite paneling. Of these, wood became the ideal material to fabricate mashrabiya's."

The article appears in the May 2003 issue of the Journal of Architectural Education (Volume 56, Issue 4, pp. 17-25).



The ASCA President (left) delivers the award to Bechir Kenzari (right) and Yasser Elsheshtawy (middle) in Miami, Florida at the Annual Meeting of the ASCA in March.

College Invites Alumni to Help Mentor Students

Because there is a wealth of experience among our alumni, the College of Architecture's Alumni Committee established a network of people willing to mentor and advise current students who are preparing to enter the workforce.

"We still have a need for more alumni of all disciplines within the College to participate in this project to help these students transition from school to work," said Rick Hunt, vice president/president-elect of the College's Alumni Committee. "A wealth of diverse types of experience exists among our alumni," said Rick Standard, Alumni Committee member. "For an investment of little time and no money, our alumni can have a positive and lasting impact on the life of a young Tech graduate by offering advice on gaining employment including interviewing tips, information on types of firms and their idiosyncrasies, advantages of different sized firms, salary expectations, career advice after employment, juggling personal life and career, alternative career paths, and career planning. Please join this network so you too can help improve the lives of young Georgia Tech men and women as they transition from school to work."

The committee would also like to recommend that alumni classes adopt the senior class and second-year graduate classes during their major reunion years, such as the fifth, tenth, and 25th reunion years.

The mentor sign up process is easy.

- Visit the College's web site at <http://www.arch.gatech.edu>
- Select "Alumni, the COA alumni network"
- Select "add your information." Enter your personal profile which includes name, degree(s), discipline, graduation year, business address, firm type and size, types of projects worked on, etc.

This profile will be included in a database of alumni mentor volunteers. Students will be allowed to scroll through the database in order to select those who seem best suited to address their areas of interest. It will be up to the students to select the alumni they wish to contact and to initiate the contact. Mentoring sessions may be personal meetings, meals, e-mails, letters, phone calls, or any venue of choice between alumni and students.

Please consider becoming involved in this nationwide network designed to insure our graduates a competitive edge.

Stay in touch. Visit the "Alumni News" section on our Web site at www.coa.gatech.edu/alumni/newsletter_submission.htm and let us hear from you.

Alumni and GIS News

Alumni News continued



A young Afghani girl stands at the doorway of her home.

Meskinyar Finds JAHAN to Help Women and Children in Afghanistan

After graduating from Georgia Tech, Hawa Meskinyar (BC Arch 1995, M.CP 1998) returned to Afghanistan and founded JAHAN, a nonprofit, non-political, humanitarian organization committed to helping women and children inside Afghanistan find their way toward independence. JAHAN, which means “world or universe” in Dari, stands for Join and Help Afghanistan Now.

JAHAN’s mission is to provide immediate assistance to widows and orphans, including the purchase and distribution of food and other necessities. The organization’s long-term goal is to provide a quality education for Afghan children that will prepare them for self-sustaining work.

“There were so many non-governmental organizations (NGOs) in Afghanistan, and I really didn’t want to start another one,” Meskinyar explains, “but I was unable to find an NGO that transferred 100 percent of its donations to those in need.”

JAHAN recently established a sewing center for women who live in tents. All income from sales of their handiwork will be used to pay salaries and expand the program. For more information on JAHAN, visit www.jahan.org.

Since August 2003, Meskinyar has been employed by the Independent Administrative

Reform and Civil Service Commission (IARCSC) in Afghanistan, where she manages the team that collects and enters human resource data for the entire civil service, including the central government and provinces.

The IARCSC, chaired by Vice President H. A. Arsala, is responsible for implementing public administration reform in all of the government’s ministries and agencies.

“Georgia Tech’s City and Regional Planning Program provided me with a strong basis for effective management and skills to interpret and then expedite information with presentations targeted to various government ministers,” says Meskinyar.

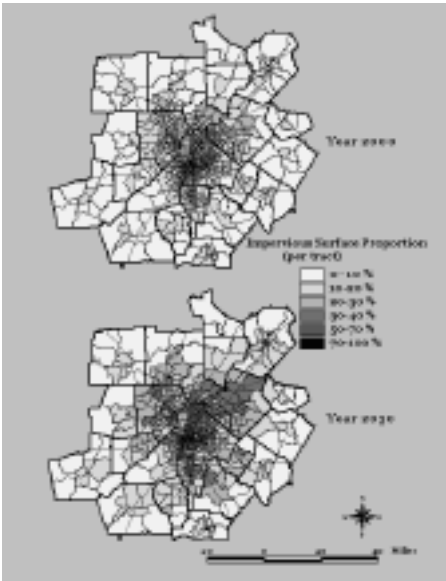
A native of Afghanistan, Meskinyar and her family escaped in December 1979 after the Russian invasion. Under the cover of darkness, they fled to Pakistan. When she was a fifth-grader, they settled in the United States, in Georgia.



On the road to Jalalabad, two Afghani girls sell food to travelers to help support their families.

Geographic Information Studies (GIS) News

Research Focuses on Urban Heat Islands



Steven French, professor of City and Regional Planning and director of the Center for Geographic Information Studies (GIS), and graduate student Sugie Lee recently completed a study on mitigation measures for urban heat islands as a strategy for addressing Atlanta’s air pollution problem.

The term “urban heat island” refers to the tendency of urban areas to become warmer than surrounding under-developed areas during the day and to retain this heat overnight.

“Because higher temperatures accelerate the photochemical reactions that produce ozone, it may be possible to retard the formation of ozone by decreasing the urban heat island effect,” French said. “This project combined sophisticated GIS analysis with advanced meteorological and air quality models to analyze the degree to which air quality can be improved by using heat island mitigation strategies.”

The project, funded by the Georgia Regional Transportation Authority, looked at the 21 counties that make up most of metropolitan Atlanta. This area is expected to grow by 2.6 million people, or 60 percent, in the next 30 years. With the growth in population and associated employment, the amount of impervious surfaces will increase significantly throughout the region. The study predicts that by 2030 impervious surface will increase by 8.8 billion square feet (316 square miles), or 45 percent. Suburban counties such as Paulding, Henry, Cherokee, and Rockdale will experience the highest rates of increase, but the larger core counties such as Cobb, DeKalb, Fulton, and Gwinnett will experience the largest amount of growth in the amount of impervious surface. These four core counties all will have more than 25 percent of their land area in impervious surface.

As the study area grows from 2000 to 2030, pervious areas will decline overall from 3.8 to 3.6 million acres or about five percent. In 2000, tree cover comprised 54 percent (2.27 million acres) of the total study area. The study predicts tree cover will decline to 51 percent (2.15 million acres) by the year 2030 for an estimated loss of 112,000 acres of trees.

According to the study, the most common type of impervious surface is dark-colored pavement, which comprises nearly two-thirds of all impervious surfaces. Current construction practices are expected to add another 5.8 billion square feet of dark pavement to the region by 2030. While using lighter roofing materials can provide some impact, replacing the dark pavement represents the single largest market opportunity to address the urban heat island effect. Most of this pavement is in surface parking lots or in streets and roads.

“This represents an enormous market opportunity to apply urban heat island mitigation,” said French. “The next phase of this project will estimate the amount of change in air pollution that can be expected from adopting urban heat island mitigation measures.”

Architecture News

Study Assists with Development Plan for Future Growth in Ecuador



The Architecture Program is at work on a planning process to determine the course of growth over the next 20 to 30 years in the Canton of Samborondon, a rapidly growing county adjacent to Ecuador’s largest city, Guayaquil. The College is working on the project with assistance from the School of Architecture at the Universidad Especialidades Espiritu Santo (UEES).

Growth in the canton is expected to triple (from about 60,000 to 180,000 people). This growth, combined with major changes in land and construction costs, demographics, and the broadening market for new development, has increased the already high stress on the existing infrastructure and services and on the rich rice-growing areas of the canton and the traditional culture it supports. With a goal of planning for orderly growth and provision of services with the participation of landowners, citizens, and public officials, the canton has produced a strategic framework for growth that can be used to guide land use policies and capital investments.

In the Fall of 2003, faculty and students from the UEES, led by M. Arch graduate Ana Maria Leon Crespo, collected, mapped, and analyzed relevant data with the assistance of both landowners and canton officials. This work was reviewed by stakeholders, along with Architecture Program Director Ellen Dunham Jones and Professor Randy Roark. During spring vacation in March, as part of the College’s Urban Design Workshop, Professors Randy Roark and Michael Gamble led a group of 13 architecture and planning graduate students to Samborondon to conduct a week-long series of intensive sessions with canton officials, stakeholders, and UEES faculty and students, culminating in a preliminary Growth Management Plan. In May, Roark and Gamble returned to Ecuador to make a final presentation to be followed by a planning document prepared over summer semester.

“The process has been well received by representatives of both the public and private sectors in Samborondon and has helped provide a cross-cultural validation for collaborative planning processes to determine the character of future growth in the community,” Roark said.

Gamble and LeBlanc Recognized for Buford Highway Design Alternatives

Professors Michael Gamble and Jude LeBlanc’s research and design proposal entitled “Incremental Urbanism: The Auto and Pedestrian Reconsidered in Greyfield Redevelopments” received the first place research award from EDRA, an Adaptive Environments’ Architecture for Social Justice Award from the NEA, and was accepted for the national Association of Collegiate Schools of Architecture design and research awards presentation.

For their project, Gamble and LeBlanc chose to study a section of Buford Highway from Lenox Road north to Interstate 285 in Atlanta. The area includes the Northeast Plaza shopping center and the Doraville MARTA transit station.

According to LeBlanc, Buford Highway is unique, with its own special demographics and characteristics. It is also representative of the major urban problems of many contemporary cities: ubiquitous strip developments that are single use, low density, and auto-oriented.



Before: Typical auto dependent planning is not pedestrian-friendly.



After: Retail arcades at street edges, smaller blocks, and liner buildings are strategies for retrofitting grey field sites to increase walkability.

This section of Buford Highway is considered a “greyfield” area, dominated by large asphalt parking lots. “One way to describe a greyfield is to define what it is not,” said LeBlanc. “It is not a greenfield, which is a condition describing a virgin territory, and not a brownfield, having previous toxic waste. Greyfields are typically suburban, having gone through some economic cycles. The term is frequently used to describe abandoned retail malls. It can be broadly defined as an underused site without gross environmental damage.”

“Our hypothesis is that in greyfields, changes in relationships among interconnectivity, parking requirements, mixed-use density, and public transportation are needed to produce healthier environments,” said Gamble. “We are exploring an urbanism of incremental improvements.”

As part of the study, Gamble and LeBlanc proposed design alternatives to rehabilitate this underutilized territory by making it more pedestrian friendly. Their research also examined the link between public health and the built environment.

“We also have made proposals for redevelopment that include strategic modifications to policy and zoning as well as architectural prototypes,” said LeBlanc. “The next immediate phase would be to develop a conceptual strategy for hypothetical additions and modifications to the Doraville MARTA station.”

This project was sponsored by the College’s Center for Quality Growth and Regional Development. The project team was lead by Professors Gamble and LeBlanc with assistance from Ryan Crooks, Paul Grether, Mehul Patel, Ted Hitch, and Muthukumar Subrahmanyam.

Architecture Hosts Afterschool Program for Minority Youth

In spring 2004, the Architecture Program hosted a six-week after-school program for minority students called the Studio of Creative Inquiry Atlanta (SCIA). Professors Charles Rudolph and Herman Howard co-directed the program with graduates Kalilah Dotson and Tiffany Tesfamicheal serving as program mentors.

“The goal of the program was to provide meaningful experiences with professional role models from both practice and the university as well as to expose the students to the architecture and design culture,” said Rudolph. “The combination of hands-on exercises and exposure to the professional world of design allowed the students to test their aptitude and gauge their desire to pursue an education in architecture and related disciplines.”

On Monday evenings from 4:30 p.m. to 6:00 p.m. students participated in work sessions on assigned projects, took tours of professional offices, or heard from practitioners and teachers on topics related to architecture, design and construction. The first assignment was to design a place in their house or apartment for their great-grandparent(s).

The students in this inaugural program included 11th and 12th graders from the Benjamin E. Mays High School. Students were selected on the basis of academic achievement and enthusiasm for the program by the Assistant Principal Mrs. Nettles and the school’s drafting instructor, Mr. Williams.

“Hopefully, the SCIA program will become a yearly event so that local area high schools can provide opportunities for minority students interested in design and architecture,” Rudolph said.

Two students from the program, Quentin Tanner and Marquis Jones, were awarded full scholarships to the College’s three-week Career Discovery summer program.

City & Regional Planning News

Scholarly Journal Selects Sawicki as New Editor



In July, Professor David S. Sawicki, FAICP, became the new editor of the Journal of the American Planning Association (JAPA). He will succeed Deborah Howe, FAICP, Carl Abbott, and Sy Adler, who have been co-editors of the quarterly publication since July 1998.

“I am extremely pleased to welcome David as the Journal’s editor-designate,” said Paul Farmer, AICP, executive director of the American Planning Association (APA), which publishes JAPA. “He brings exceptional qualifications to the position given his outstanding academic career.” After earning his Ph.D. in Urban and Regional Planning from Cornell University in 1971, Sawicki began teaching at the University of Wisconsin, Milwaukee. He created a graduate planning program there and became its first chair in 1974. He remained at the University of Wisconsin until 1983, when he joined the faculty at Georgia Tech’s College of Architecture. He was director of the City and Regional Planning Program at Tech from 1983 to 1992 and continues as a professor with both that program and with the School of Public Policy in Tech’s Ivan Allen College of Liberal Arts.

This is not Sawicki’s first post with JAPA. He has been the journal’s review editor (1976-1978), Planner’s Notebook editor (1983-1985), and on the editorial advisory board twice, from 1981 to 1985 and from 1985 to 1994. He also has been on the editorial advisory board of the Journal of Planning Education and Research twice, from 1981 to 1985 and from 1995 to the present. Sawicki is widely published, with over 20 JAPA entries alone. His research has focused on demographic and economic analysis, forecasting, data analysis, and micro-computing in planning. He is co-author with Carl Patton, FAICP, of the textbook Basic Methods in Policy Analysis and Planning, considered one of the profession’s standard references.

Sawicki also served as president of the Association of Collegiate Schools of Planning, an organization with more than 800 planning faculty. He recently received several honors including the Association of Collegiate Schools of Planning/Fannie Mae Foundation Award for Best Conference Paper on Housing and Community Development (2001) and Georgia Tech’s College of Architecture Distinguished Professor (1996) and Best Teacher (2004) Awards .

JAPA and its predecessor editions date back to 1915. It has been published under the current name since 1979, when the American Institute of Planners and the American Society of Planning Officials were consolidated as the American Planning Association. Earlier this year, JAPA was recognized with a 2004 bronze award for general excellence from the Society of National Association Publications.

Elliott Conducts Mediation Training for Israeli and Palestinian Environmental Professionals

In conjunction with the Consensus Building Institute (CBI) and the Israeli-Palestinian Center for Research and Information, Professor Michael Elliott is working with Israelis and Palestinians to develop dispute management capacity between the two communities. Focusing on environmental and land disputes, the project is in support of the Joint Environmental Mediation Service (JEMS), an organization created in the summer of 2000 to promote environmental conflict resolution in the Palestinian Territories and Israel.

Within foreign policy and academic circles, the concept of environmental security has gained increasing attention over the past few years. The linkages between the escalation of conflict and scarcity induced by the degradation of environmental resources are of growing concern. This is particularly true in the Middle East, where Israelis and Palestinians live side-by-side. Innovative frameworks and institutional mechanisms for managing cohabitation will need to be developed.



Michael Elliott conducts a mediation training session that includes both Israelis and Palestinians at the Tantur Ecumenical Institute for the Joint Environmental Mediation Service.

The territory Israelis and Palestinians will continue to share is scarce in natural resources and under heavy pressure from rapid population growth and ambitious economic development.

The overarching goal of the JEMS initiative is to introduce alternative conflict resolution practices that will help produce innovative, comprehensive, and durable solutions to shared environmental problems. Over a reasonable amount of time, project leaders hope to institutionalize these solutions in Israel and the Palestinian territories. Professor Elliott and Stacey Smith (CBI) recently completed mediation training for 18 Israeli and Palestinian environmental professionals. The training took place in both Israel and Turkey over a three-year period. The group of nine Israelis and nine Palestinians form a core of dispute resolution practitioners in the region. “We envision partnerships between Israeli and Palestinian co-mediators working together to resolve disputes between the two communities,” said Elliott.

The trainers, in conjunction with Merick Hoben (CBI), also have mentored several of the trainees who are acting as co-mediators in a dispute surrounding the creation of the Zalmon National Park in Galilee. The Zalmon National Park has received statutory approval, but complicated land ownership issues have prevented detailed planning. Rights for the Bedouin, Muslim Arab, and Christian communities living along the riverbank have prevented plans from progressing.

Disputes over the allocation and use of water and land; the development of new roads, port facilities, and other transportation infrastructure; and responsibility for air pollution and waste disposal will inevitably continue to cause friction between the two communities. Unless these disputes are adequately managed, they are likely to rekindle larger conflicts. On the other hand, the successful implementation of a model for joint environmental problem solving may enhance cooperation between Israelis and Palestinians in other arenas.



This image shows the political geography of Jerusalem. The Western or Wailing Wall is the only remaining structure from the time of the Temple. It served as the western retaining wall to the Temple Mount, where the Temple was built. The Temple was destroyed in 70 A.D. and remained in ruins until 686 A.D., when Caliph Abd al-Malik built the Dome of the Rock (domed building) and the al-Aksa Mosque on the site. The Dome is the third holiest place in Islam after the Ka’aba in Mecca and the Prophet’s Mosque in Medina. The building encloses a huge rock located at its center, from which, according to tradition, the Prophet Muhammad ascended to heaven at the end of his night journey. In the Jewish tradition this is the Foundation Stone, the symbolic foundation upon which the world was created, and the place of the Binding of Isaac. Most Jews believe that the Temple was built on top of this rock. It suggests the difficult religious intermixing of Islam and Judaism in this place.

City & Regional Planning and Ph.D. Program News

C&RP News continued

Patterson Completes LEED Accreditation Process, Receives Fellowship

Lynn Patterson, a Ph.D student in City & Regional Planning, has successfully completed the U. S. Green Building Council's LEED (Leadership in Energy and Environmental Design) Professional Accreditation process. For LEED accreditation, building industry professionals must demonstrate knowledge of integrated design and the capacity to facilitate the certification process on the LEED Professional Accreditation exam. The exam tests understanding of green building practices and principles and familiarity with LEED requirements, resources, and processes.

Patterson also was recently awarded a 2004 Urban Land Institute Graduate Student Fellowship.

Program Invites Comments on New Strategic Plan

As part of the process of developing a strategic vision and plan for its future, the City and Regional Planning Program is seeking comments and input on its draft Strategic Plan. All current students, alumni, friends of the program, and employers of graduates are invited to comment.

The City and Regional Planning faculty and student representatives have prepared a draft document for review. To view the document go to <http://www.coa.gatech.edu/crp/stratplan.htm>

Calling All Alumni – Sign Up and Update Information

All alumni and former students of the City and Regional Planning Program are asked to visit the program's Web site to register or update their contact information. This information is used routinely to contact former students to inform them of upcoming events and opportunities that may be of interest. It is also a way to stay in touch with classmates and make professional contacts with other Georgia Tech planners.

Register with us at:
<http://www.coa.gatech.edu/crp/alumni/register.htm>
If you need to update your information, please visit:
<http://www.coa.gatech.edu/crp/alumni/update.htm>

Ph.D. Program News

Georgia Tech Leads Construction Industry Toward Building Information Modeling

The College of Architecture is at the forefront of the construction industry in developing building information modeling capabilities. Since the 1970s, the idea has floated within the construction industry that productivity could improve if buildings were represented as a composition of fully described 3-D models rather than as a set of drawings. While manufacturing already uses this approach, the construction industry does not, giving rationales such as the small size of organizations and diffuseness of the parties involved as well as the uncertainty of major production benefits in a largely labor intensive industry.

Today, the situation appears to be changing. Major software companies have acquired or developed new platforms that support what is called "building information modeling," the newest name for information-rich 3-D models. Autodesk, Bentley, and Graphisoft, the three largest developers of building design software, have all released and are promoting new products that begin to address the new capabilities.

The Georgia Tech team, led by Chuck Eastman, professor of Architecture and Computing and director of the College of Architecture Ph.D. Program, is working on several fronts to realize building information models. The American Institute of Steel Construction is supporting his team in its efforts to deploy both 3-D modeling software and data exchange capabilities for steel fabrication. As a result, most steel fabricators today build 3-D information models of a steel structure they are producing in order to fabricate and assemble the parts. They use the 3-D model for automatic cutting, drilling, and welding.

Eastman, with research scientist Rafael Sacks and Ph.D. student, Ghang Lee, also has led a consortium of pre-cast concrete companies in creating a pre-cast concrete building information model. The system was developed to address most aspects of pre-cast concrete, including structures and architectural facades. The product they specified, devel-

oped by Finnish software company Tekla Oy, is in its second beta release.

Eastman is also on a variety of committees, including the Advisory Board for Gehry Technologies, a firm organized to make the computational capabilities developed in architect Frank Gehry's office available to others in the field. He is also on a committee for the General Services Administration, the real estate and building arm of the federal government, for planning the transition of government procurement of buildings to the new building information modeling.

The new technology allows management of each object or building part rather than a drawing set. While most of the current use of building models relies on computer files, database management systems are recognized as the desired way to manage and coordinate the design and construction parties. For another software company, Eastman's students have developed a building information model repository database capable of supporting many users working on multiple concurrent projects. Data can be accessed over the Web. Eastman presented a keynote talk about this work at the American Institute of Architects' Digital Congress in Washington, D.C., in April 2005.

Building information modeling offers the ability to automatically lay out and later update whole assemblies of parts, such as wall framing, mechanical system layout, or steel reinforcing in concrete. Called parametric modeling, these tools make it practical and efficient to lay out in three dimensions and to specify the components needed to fully detail a large building, such as a high-rise office, a hospital, or stadium. The development of parametric models for different building subsystems is an area of intense development at the current time. The efforts of Eastman's team in pre-cast concrete is one example of this type of effort.

Throughout history, building and construction have used drawings for communication and collaboration. Drawings are deeply embedded in the practices of construction and are used by building inspectors, carpeting, painting, woodworking, heating, electrical and other contractors, facility managers, banks and lending services, and others. Because of this, a fundamental capability for build-

ing information model systems is to automatically format drawings as reports. It's unclear whether these drawings are part of a temporary transition to other representations or will remain as a permanent capability. Other potential representations include wearable and handheld computers or PDAs (personal digital assistants).

Already the development of building information models is showing both productivity and error reduction benefits. In a study on pre-cast concrete errors, recently published in the PCI Journal, the Georgia Tech team used before-and-after comparisons to show that integrated building models reduced errors by 80 percent or more, with further benefits expected as a result of time savings.

Student Focuses on Persian and Japanese Gardens in Research on Contemporary Healing Gardens

For Mohammad Gharipour's Advanced Readings in Architecture, Culture, and Behavior class, he chose to study and write his class paper on the history of healing and restorative properties of Persian and Japanese gardens in relation to contemporary healing gardens. His interest in this topic stems from "the great effect of these gardens on the healing process and the importance of health issues in today's life."

For several centuries, healing gardens were inseparable parts of healthcare facilities in European countries, according to Gharipour. However in the twentieth century with the rapid advances in medical science and technical advances in high-rise construction, "healing" gardens were replaced with parking decks and tennis courts.

"With the growing rate of cancer in the U.S., the therapeutic effect of the garden is being increasingly acknowledged," said Gharipour. "Fortunately, garden design is an ever-increasing aspect of healthcare facility design." For more information on healing gardens, contact Gharipour at gtg301n@mail.gatech.edu.

Industrial Design and Building Construction News

Industrial Design News

Industrial Design Student Chosen as One of the Top Five in U.S.



This year, Georgia Tech Industrial Design student Brad Reese won the number one spot in the Southeast in the Industrial Designers Society of America (IDSA) student merit awards .

“Brad won because he had that something extra that moved the jury to choose him,” said Lorraine Justice, former director of Industrial Design. The jury was made up of practicing designers throughout the Southeast.

For the first time this year, IDSA held regional

competitions for its student merit awards. In the past, all schools that participated had one student present in each region. This past year, Georgia Tech competed with Auburn, North Carolina, Florida, and Louisiana for the number one spot in the Southeast. This competition was repeated with other schools in four other regions throughout the United States where students presented the best of their class projects.

“I wouldn't have been where I am today if it weren't for my education here at Tech,” said Reese. “The ID program put all the tools in my hands and guided me. It was also important, however, for me to meet them half way. I put in hours of practice and learning on my own time in order to make the most of my time at school.”

One of Reese's favorite designs was the first design he tackled on his own: the shoe. “I sought to develop a shoe that fit with the Oakley brand. I researched Oakley fashion and developed the design last summer. This was not a huge project, but it was the first project that I did on my own and it gave me a great sense of achievement.”

Reese will go to the National IDSA Conference in Pasadena this year to present with the other top four winners in the U.S. His presentation will be viewed by professionals from national and international design companies and corporations.

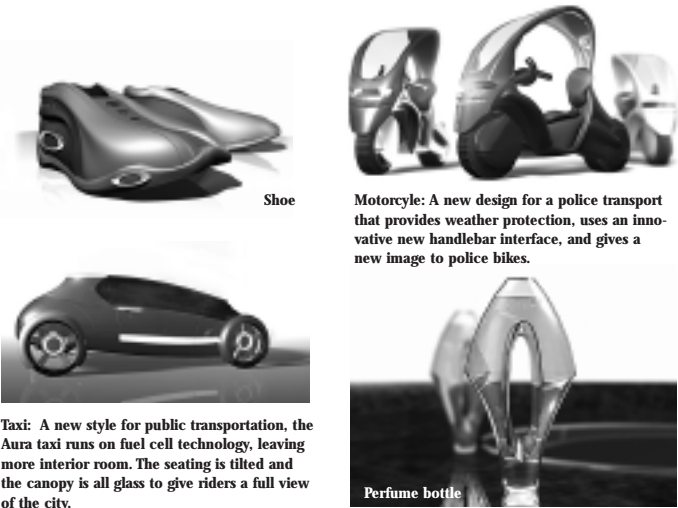
“The visibility of Brad's work will speak well for him and for Georgia Tech,” said Justice.

“It's an honor to be chosen to represent the whole southern region of student designers and more specifically to be able to represent Georgia Tech,” said Reese. “This is the coolest thing I could have imagined happening to me.”

College Holds End-of-Year Industrial Design Show



“It just keeps getting better.” That was the often-heard comment at this year's End of the Year Design Show. The show was held in the College of Architecture's atrium, where Industrial Design work by students in the sophomore, junior, senior, and graduate years was exhibited.



Shoe

Taxi: A new style for public transportation, the Aura taxi runs on fuel cell technology, leaving more interior room. The seating is tilted and the canopy is all glass to give riders a full view of the city.

Motorcycle: A new design for a police transport that provides weather protection, uses an innovative new handlebar interface, and gives a new image to police bikes.

Perfume bottle

Building Construction News

Georgia Tech wins National Championship at MCAA Student Chapter Competition

Georgia Tech's student chapter of the Mechanical Contractors Association of America (MCAA) captured first place at the association's Third Annual Student Chapter Competition. The award was presented at the Awards of Excellence program held in conjunction with MCAA's annual convention in Florida.

The Georgia Tech team includes nine Building Construction students: Ben Benoy, Stephanie Brunone, Wes Buchanan, Katherine Davis, Olivia Evans, Scott Garrett, Ben Gootee, Erik Kandler, and Christopher Rampton.

During the competition, chapter teams put together proposals for the construction of a 14,000-square-foot educational facility located on a hypothetical college campus in Miami, Florida. The project was presented to MCAA by the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, which used the project for its 2003 student competition. MCAA added mechanical elements and made other changes to enhance the project's interest and to challenge the students. “This was a tremendous accomplishment for these students and the Building Construction Program,” said Maureen Weidner, Building Construction professor and MCAA faculty advisor. “It was, by far, the best team effort I've ever seen, which goes to show the caliber of our students. Their work ethic and determination got them to the final four, and their character and confidence sealed the deal.”

Georgia Tech's team, which received a cash prize of \$5,000 from MCAA and a matching \$5,000 gift from MCA of Georgia, competed against student chapters from California State Polytechnic University at Pomona, Illinois State University, and Purdue University.

Fifth Annual Jim Dreger Golf Classic Declared A Success



Buzz sinks a birdie putt as the team from the Mechanical Contractors Association of Georgia and golf classic namesake Jim Dreger (center) look on.

Golfers braved an early morning mist and cool temperatures at the Fifth Annual Jim Dreger Golf Classic held at the Horseshoe Bend Country Club in Roswell in April. The Jim Dreger Golf Classic, named after the former Building Construction program director, general contractors, subcontractors, and other construction and development industry leaders from around the Atlanta area.

The money raised is used for a variety of purposes, including student scholarships, student recruiting, computers and software upgrades,

student career fairs, and curriculum development.

The Building Construction Program would like to thank this year's founding sponsors for their support. Sponsors are: Archer-Western, B&W Mechanical, Hardin, Hitt Contracting, Holder Construction, John Weiland Homes, Juneau Construction, Ryland Homes, Skanska, Turner Construction, and Yates Construction.

Faculty Conduct Training Course for Home Depot

The Building Construction faculty conducted a week-long series of project management courses for employees at Home Depot. About 20 project managers from around the country came to Home Depot's corporate office in Smyrna to learn about facility planning, environmental health and safety, due diligence, project organization, quality management and partnering, and team-building.

The goal of the week-long course was to bring a fresh perspective to certain situations Home Depot project managers were facing, while providing advice on existing practices. The course was developed by Professor Maureen Weidner.

AWPL and CATEA News

Advanced Wood Products Laboratory (AWPL) News

AWPL Completes Wired Workstations for College



The Advanced Wood Products Laboratory (AWPL) completed design and production of new “wired” workstations for the College of Architecture this year. The design effort originated from the work of the Architecture Program’s studio space committee and its vision to integrate computers into the design studio. Alan Harp, AWPL staff designer, and Karen Rose-Bates (M.ID 2004) completed the detailed design of the workstations and their computer numeric-controlled (CNC) programming.

The workstations include a lockable space for a desktop computer, storage for full-size presentation boards, pin-up space for student work, and more than double the usable desktop space compared to the current studio desks. The workstations are wired for electricity and Internet connectivity.

Robert Gerhart, technical manager, helped the effort by providing support for Rose-Bates last summer. AWPL staff and Architecture Program faculty worked over the summer to identify the major issues including unit size and arrangement of the units in the studio. This fall, Harp and Rose-Bates refined the design and prepared the CNC programming necessary to produce the units. Dean Galloway, Gerhart, and Ellen Dunham-Jones, director of the Architecture Program, provided financial support for the production of twelve of the workstations which have been installed in the thesis

studio. Feedback from the installation is positive, but an in-depth study of studio pedagogy and the impact of the new workstations is planned for next year.

Design Emphasis 2004 by Georgia Tech Industrial Design Students

Three College of Architecture students designed and manufactured furniture pieces for entry in the Design Emphasis 2004 Competition held at the International Woodworking Machinery and Furniture Supply Fair-USA in Atlanta in August.

Each project was designed and manufactured using Computer Numeric Control (CNC) machines at the College’s Advanced Wood Products Laboratory (AWPL). These projects were part of the requirements for Industrial Design courses in Independent Study with Alan J. Harp, AWPL Research Scientist / Industrial Designer, and Hector H. Henry, AWPL Research Engineer / CNC Instructor, serving in advisement and instructor roles. The projects are the precursor for the senior graduate level ID Furniture Design Course for the Fall Semester 2004 initiated by Lorraine Justice, former director of Industrial Design, and Ellen Dunham-Jones, director of Architecture program, with AWPL staff.



Modern Cantilever Chest of Drawers by Karen Rose-Bates (M.ID 2004) was inspired by cantilever architecture designs by Frank Lloyd Wright and

Mies Van Der Rohe. Her project was done in a soft maple natural finish with mahogany accents. The chest features ready-to-assemble parts with traditional dovetail drawer construction. The CAD / CAM design allowed machining of the parts using a three-axis CNC router for adaptation of an art-form piece

to techniques for CNC manufacturing. This piece is a component of the bedroom suite of the same design and materials for a high-end ready to assemble furnishing ensemble.



Nested “Slate” Plywood Table by Jon E. Jowers (B.S. ID 2004) was designed to make the most from the least. Jowers used one four feet by eight

feet sheet of Baltic Birch plywood to create this low-waste panel table through computer-aided design and CNC technology. The nesting process allowed the use of excess material from the inside planes of the table to provide the legs. The table was designed to compare and contrast old-world craft and the latest in high-tech manufacturing techniques. The “cut-slate” effect was created by taking a precise geometric pattern and proportions and randomizing the pieces for a staggered appearance. The pattern of the legs, holes, and engraving are intended to reflect each other, yet be independent in detail. Jon also cut clear plastic acrylic with the CNC machine to replicate the table-top surface.



Eight-fold Table by Wes McGee (B.S. ME, M. ID 2005) was inspired by the transition from horizontal to vertical in three-dimensional space. Over 60

different side and top profile variations were intersected, using a constant cross-section, to realize the final 3D model. The table is constructed out of repeated profiles cut on a 3-axis router. The pieces, 54 total, are nested into two 4' x 8' sheets of birch plywood. The assembled piece was then sculpted on a 5-axis router. Alias Wavefront software was used in conjunction with AlphaCAM to go directly from 3D surfaces to CNC g-codes. The piece was finished with polyurethane.

Center for Assistive Technology & Environmental Access (CATEA) News

New ‘ADA Game’ Helps Build Accessible Online Communities

On July 26, 2004, the 14th anniversary of the passage of the Americans with Disabilities Act (ADA), the Center for Assistive Technology & Environmental Access (CATEA) announced the public unveiling of a new fully accessible online ADA Game. The ADA Game, available at www.adagame.org, is a new training, leadership, and community-building resource for anyone interested in the ADA and the rights of people with disabilities.

The Southeast Disability and Business Technical Assistance Center (DBTAC), a project within Georgia Tech’s CATEA, developed the game.

“The ADA Game is easy to play and is a powerful training and leadership building tool for anyone interested in disability policy, personal advocacy, or community enrichment,” said Shelley Kaplan, director of the Southeast DBTAC. “The game challenges players with multiple choice questions about the law and how it is applied to real-life situations.”

Players who answer questions correctly can earn points, which can be applied to individual or group advocacy efforts. Points can be used to make one of eight virtual cities in the Southeast Region more accessible for people with disabilities in the areas of program access, public accommodations, transportation, employment, and communication. Players can also build their individual leadership scores in the areas of collaboration, ADA knowl-

edge, problem-solving, persistence, and charisma. Players can only win the ADA Game by working together to build partnerships for accessibility in their virtual communities.

‘Speak Out’ Guide Now Available from CATEA

“Speak Out About Inaccessible Information and Telecommunication Technology” is a free resource that helps readers through the process of making their accessibility needs known to technology providers. The Information Technology Technical Assistance and Training Center (ITTATC), a project within CATEA, developed “Speak Out” and anticipates the primary audience will be people with disabilities. A Web version is at <http://www.ittatc.org/technical/speakout/index.cfm>, and print and CD versions can be ordered at 1-866-948-8282 (voice/TTY) or by e-mailing ittatc@ittatc.org. “When people with disabilities demand accessible technology, it provides motivation for companies to design accessible products and services,” said Mimi Kessler, project director at ITTATC. “People with disabilities need to be more active with the technology industry to define their accessibility needs.”

“Speak Out” recommends that customers start the complaint process with the organization that is most directly involved, whether it is a business, a non-profit organization, or the government. The guide also includes information on how to escalate inquiries using complaint procedures defined by U.S. federal law.

“The marketplace is driven by consumer demand. People with disabilities need to communicate their needs and use the power of the purse to influence industry practices,” said Deborah Bursa, director of technical assistance for ITTATC. “‘Speak Out’ describes the basics of making an effective complaint as well as the legal remedies.”

There are 54 million people with disabilities in the United States. As the population ages, more will join the ranks of those who cannot see, hear, or move with ease. People with disabilities need to voice their needs, so technology designers can develop products to match their needs.

“Companies respond well when customers sweeten the vinegar with a little sugar,” says Kessler. “If a product or service has features that are particularly accessible, customers should praise the company for its efforts and state that it made a difference when they were making their buying decisions.”

For more information on CATEA, visit www.catea.org.

Continuing Education News

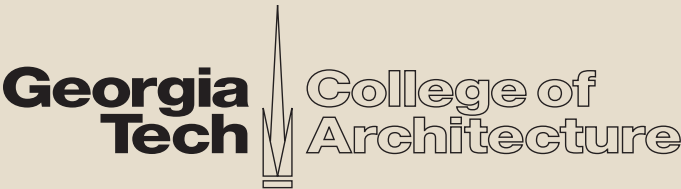
Career Discovery Program is Hit Among High School Students



In June, the College of Architecture hosted its eighth annual Career Discovery Program for high school and college students. The three-week program included 37 participants. Most students were metro Atlanta residents, but Ana Tavartkiladze traveled to Atlanta from Tbilisi, Georgia (formerly a Soviet republic) to attend the College’s summer studio program.

Under the guidance of Professor Charles Rudolph, program director, and instructors Ryan Crooks and Dawn Haynie, participants practiced drawing skills, built models, and took field trips to an architecture firm, a construction site, and the High Museum of Art. “I loved this course. It really reinforced my interest in architecture,” said one student. “I want to be an architect.”

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