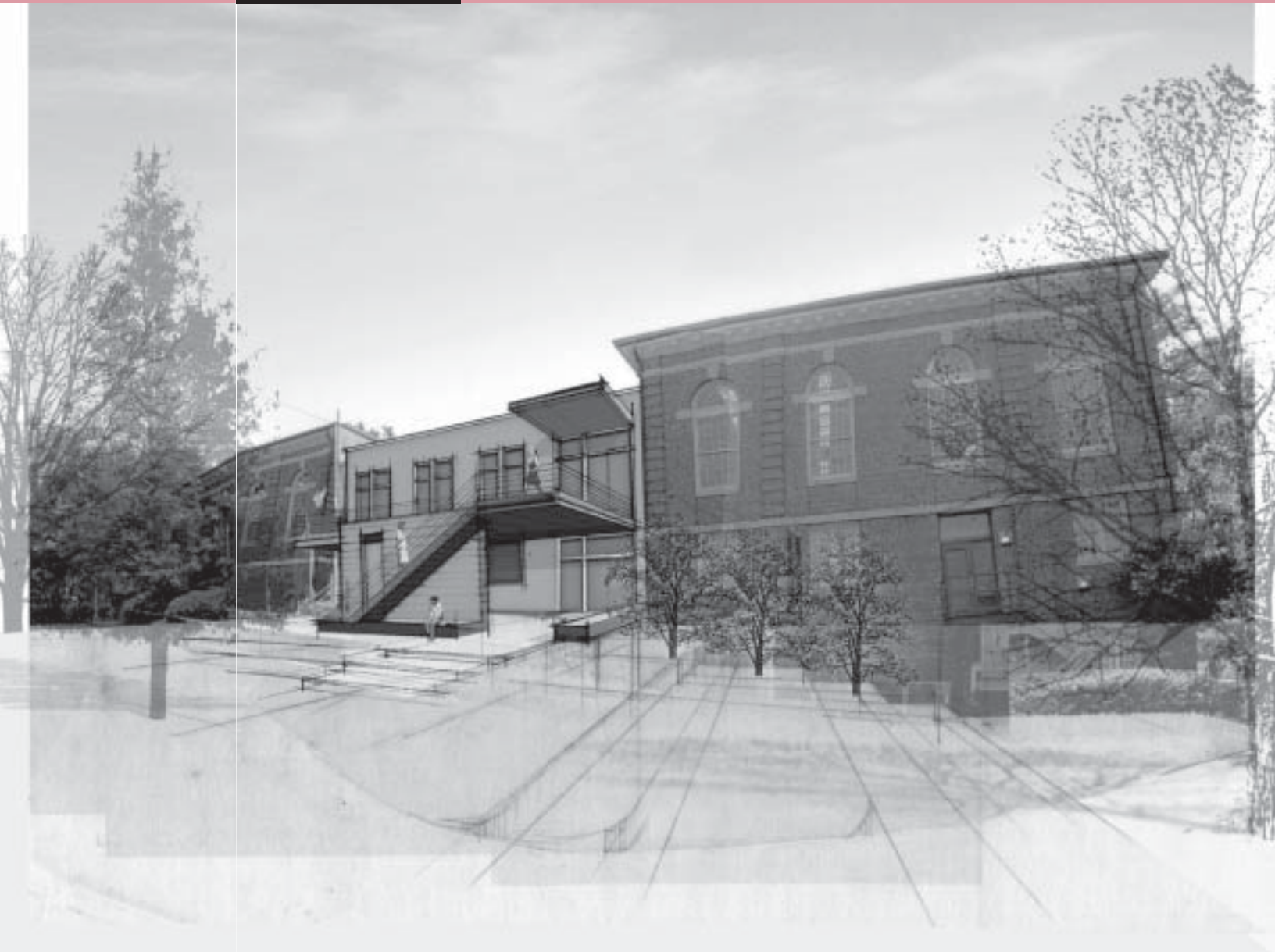


NC STATE UNIVERSITY



COLLEGE OF DESIGN

news

FALL 2004

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The **Design Guild** is an association of alumni, friends, design professionals and industry leaders established in 1996 to promote design education at the NC State University College of Design through private contributions and gifts. The publication of the *news* is fully supported by Design Guild funds.

We welcome your submission of alumni news items in addition to your comments about this publication. To receive our electronic newsletter, *DESIGNlife*, please send us your e-mail address.

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Help us improve the *news*.
Take a quick survey at
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and let us know what you think.
Thanks!

COVER
North perspective of proposed Leazar Hall renovation provided by Cannon Architects. See page 15 for more details.

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dean's message

Partnerships

by Marvin J. Malecha, FAIA, Dean



The solitary image of a designer sitting in deep contemplation under the glow of a lamp persists as the fundamental experience of the creative individual. It is an image mythologized in the figure of Michelangelo lying on his back completing the Sistine Chapel in the time required not by external pressures but by what the work itself demanded. It is the image of DaVinci writing in code backward to prevent the loss of his ideas to the work of others. It is the image of a painful process of individuals not appreciated until their passing and only then by collections of retrospectives of a life's work. We must recognize that this is a flawed image of the creative process and the realization of its outcomes. Michelangelo did not labor alone on the Sistine Chapel. In fact not only did he employ a substantial team of workers, but he specifically chose individuals who were more capable in the production of frescos from whom he could learn the process. Similarly, DaVinci probably developed his process of writing not so much as a code as a pragmatic response to being left handed thereby allowing his thoughts to be more fluid as he moved across a page without

fear of smudging what had just been recorded in his notebook. While his thoughts and experiments were certainly personal reflections, he was frequently dependent on collaborators to realize his work.

Certainly, the work of individuals cannot be minimized in the study of design. The creative urge has no equal in the human imagination. This fundamental human trait must be nurtured in the educational experience. It must be protected for it is fragile. It is the work of individuals that serves as a benchmark for what is possible if we set our minds and our hands to it. Equally it is not possible to ascertain the importance of the work of any individual without understanding the work of many others to realize the work of one. It is clear that the sense of the individual, synonymous with the fortified castle, protecting intellectual and creative property, is lost in favor of a rapidly evolving intellectual domain. Strength in this realm is determined by the vitality of relationships and partnerships. The fortified castle has been replaced by a three-dimensional matrix that matches

people with tasks and teams. Intellectual property has more to do with capability and adaptability than with a specific domain of knowledge.

Design education must address these rapidly changing circumstances. The intense focus on individual capability must be matched by specific attention to networking and partnering abilities. There are several strategies derived from Ernest Boyer in *Scholarship Reconsidered*, that inspire this aspiration. First, in the scholarship of teaching a philosophical basis for partnering may be imparted. This includes the development of case studies and the incorporation of

teaches the individual to understand the combination of the strengths and weaknesses of an entire team of individuals. Fourth, the scholarship of discovery reveals the new ideas that emerge from the combination of many creative perspectives. The openness to the work of others allows for new ideas to emerge.

These ideas are manifested in a variety of approaches within the College of Design. The land-grant mission of the University is a historical precedent of considerable value in this endeavor. The interaction of students and faculty with the needs of the community is a pure exercise demonstrating the power

students must be encouraged to seek internships as they pursue design studies to provide a perspective gained from first-hand experience. Such a spirit can only be attained within a college when the deepest respect is held for the community and the practicing design professional. It is only possible when the educator and the practitioner understand that their efforts lie along the same continuum.

This is an age of networks, of people and ideas. It is the interaction of highly creative and capable individuals that affects the outcome of the inspired search. It is possible to cross cultures and time zones with an unsurpassed

Design activity finds the optimum plateau when it is fueled by partnership.

precedents in the study of design. Students can be better informed regarding the need for partnerships to realize the designed artifact. Second, in the scholarship of integration the interconnected nature of knowledge among many disciplines and perspectives reinforces the need to seek others for their contribution to the creative process. It is the dependence on others that can empower the creative individual. Third, the scholarship of application implies a learning agenda directly related to the acts of making and doing. The experience of application

of partnership. It is a test of the ideas within the community that cannot be realized by a single individual. Industry-sponsored projects are valuable for the bottom line nature of the work that must be accomplished. It is work where a specific product is demanded on a specific schedule. Again, the student learns the nature of the dependency that accompanies such work to be successful. A faculty fully engaged in research and practice must be encouraged to bring relevancy to the classroom further reinforcing the team nature of the design professions. And,

ease. The very best minds can be combined and recombined to meet any challenge. The solitary designer under a lighted glow is now made possible by the light of a portable computer screen while the individual is in direct communication with an entire community of specialists and scholars.

Post Script

I am pleased to report that I have been appointed to continue in my role as the Dean of the College of Design at NC State University. It is an honor and pleasure to continue in this position.

our community

Marvin Malecha, dean of the college, presented the Wings on Wings awards to Rodney Swink, FASLA (MLAR 1978) and Dana Davis Bayley (BEDV 1976). Design Guild President H. Clymer Cease, Jr., later presented Cynthia M. Malecha with her own Wings on Wings award. The Design Guild dinner was held in March 2004.

Wings on Wings Awards Presented at Annual Design Guild Dinner in March 2004

Rodney L. Swink, FASLA, is the director of the North Carolina Office of Urban Development in the state's Department of Commerce. He is responsible for leading downtown revitalization and development efforts statewide. His award-

winning work has resulted in more than \$700 million of new investment in Main Street community downtowns since 1984 when he became director.

A registered landscape architect, Swink has been active in

ASLA for over 20 years, serving as ASLA national president in 2001-2002 and as ASLA vice president for policy in 1993-95. He has held several North Carolina chapter offices including president and trustee.

In 1998 Preservation North Carolina presented Swink with the prestigious Robert E. Stipe Professional Award stating, "perhaps no other individual in this state has been called upon by so many communities with an urgent cry for help to assist in saving that community's historic fabric." More recently he was the recipient of

the 2003 North Carolina Award from the N.C. Chapter of ASLA, the 2002 Frank B. Turner Award from the NC State Construction Office and the 2001 Bramham/Marcus Humanitarian Award from NC Partners of the Americas.

Swink has a long history of community involvement including serving as chair of the Raleigh Appearance Commission when it tackled billboard regulation, initiated its citywide landscape ordinance and improved its street tree program. He is a founding member of the board of Scenic North Carolina and he has served on several other advisory boards including Preservation North Carolina and the NCSU Friends of the Gallery. Swink has served as president of North Carolina Partners of the Americas, a non-profit organization working with Cochabamba, Bolivia.

Upon graduation with a master's degree in landscape architecture, Swink went to work with the N.C. Division of Forest Resources where he helped create the state's urban forestry program. More recently Swink has been a visiting lecturer in the college's landscape architecture program and a guest lecturer at other universities. Swink serves on the Landscape Architecture Advisory Board for both the college and for North Carolina A&T

State University. He served on the planning committee for the college's conference *Renewed Communities: Downtown Partnerships for Design and Development* and is committee chair for the upcoming conference *Designing Communities for Healthy Living* (see page 9).

Dana Davis Bayley received her BEDV from the College of Design in 1976. While a student, Bayley was the designer for one of the most successful Student Publications, *Carolina Dwelling*. Currently, Bayley is the public affairs specialist for the NC League of Municipalities. Prior to working for the League, she was director of design services for UNC Chapel Hill.

Bayley has shared her design talents with the College of Design for many years. Recently, she

was the designer responsible for all of the printed material produced for the conference *Renewed Communities: Downtown Partnerships for Design and Development*.



Dana Davis Bayley (BEDV 1976) received a Wings on Wings award.

At the Design Guild Dinner Bayley's work has literally been front and center for the last five years. She designs the dinner invitations, the programs and the table centerpieces. All of this Bayley does voluntarily on her personal time, working evenings and weekends to make sure that the event is a success. She is a true professional and a great friend of the college.

A special friend of the college, *Cynthia M. Malecha*, was recognized by the Design Guild Board for her contributions.

Cynthia M. Malecha, assistant director of the Kenan Institute for Engineering, Technology and Science on Centennial Campus, received an award from the Design Guild Board. In addition to her full-time job she is

also the Dean's wife, a job in itself. Cindy joins Marvin at almost every event and travels with him as much as possible. Cindy knows the College of Design alumni almost as well as Marvin and can probably work a room just as well. She is always out promoting the college and helps find funding to support its programs. The office of external relations has said that she is an honorary staff member of their office; she just needs her own business card. Cindy certainly fits the criteria for Wings on Wings. Kept a secret from the Dean, the Design Guild Board took it upon themselves to bestow this

award on her to thank her for everything she does for the College of Design.

Two 2003 award recipients who were not in attendance at last year's event were presented pins as well.

Franklin Bost is a 1968 industrial design graduate who went on to a very successful career in the medical products area. Bost is president of POREX Surgical Supply in Atlanta, Georgia. Porex provides cranial facial reconstructive products. Bost became

an actively engaged alumnus who volunteered his time and expertise to the college. He became a member of the college's campaign steering committee and in the fall of 2002 made a pledge to endow the L. Franklin Bost Industrial Design Fellowship. This

year, Bost was recognized with the College of Design's Distinguished Alumni Award.

Bill Monroe (BEDA 1975, MA 1978) has been a longtime supporter of the College of Design. He is the President of WGM Design in Charlotte, N.C. Bill is the donor of an annual fellowship for an architecture-teaching assistant. In addition, along with Steve Schuster and David Ramseur, the other 2003 Wings on Wings recipients, Bill played a significant role in raising funds and awareness for the college's campaign to raise a \$500,000 endowment to resurrect *The Student Publication*.



Cynthia M. Malecha was surprised by Design Guild President Clymer Cease as he presented her with her own Wings on Wings award.

NOMINATIONS OPEN FOR DESIGN GUILD AWARD



The Design Guild, a volunteer organization associated with the College of Design at NC State University, is soliciting nominations for the 2005 Design Guild Award.

The Design Guild Award recognizes a significant contribution of an individual or group to design in the Southeast. The award brings awareness to the importance of design in the community — and the practice of good design as a sign of good citizenship. Award nominees must meet the following criteria:

- Nominees must reside in the Southeast, either currently or at one time, or produce design or influences on design that have enhanced this region. The social context of the work, as well as the public service of the recipient will be considered.
- The nominee must be living and able to attend the Design Guild Award Dinner on Saturday, February 26, 2005. Included are all categories of design, such as, but not limited to, architecture, arts, graphic design, landscape architecture, art and design, and industrial design. The recipient need not have attended the College of Design at NC State University.

Submittals can be in any appropriate form to demonstrate qualifications. Nominations will be accepted until October 15, 2004. For more information, contact Jean Marie Livaudais at 919/515-8320 or jean_livaudais@ncsu.edu.

Mail nominations to:
Design Guild Award
NC State University
College of Design
External Relations Office
Campus Box 7701
Raleigh, NC 27695-7701

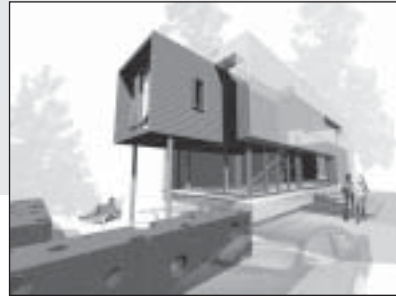
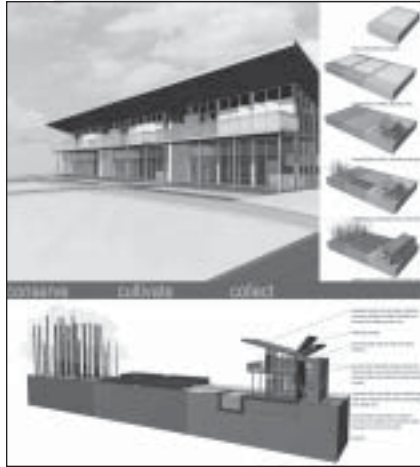
AREA ARCHITECTS GARNER NATIONAL AIA RECOGNITION

The American Institute of Architects held a "New Home on the Range" competition in the spring/summer of 2004. First place in this national competition went to "House S" developed by a seven-person team, three of whom

have taught at the College of Design (Jeffrey S. Lee, AIA; David Hill, Assoc. AIA; and Matthew Konar), and two who are recent graduates of the M.Arch. program (Nelson Tang and Marni Vinton). Travis L. Hicks received an honorable mention on his solo entry, "Red House: Conserve, Cultivate, Collect." Hicks is an architect with The Freelon Group and is an adjunct assistant professor of architecture at

NC State since 2001. Congratulations for receiving national recognition for your work.

Left: First place design, "House S," designed by seven-person team. Far left: Travis Hicks received an honorable mention for his solo entry, "Red House: Conserve, Cultivate, Collect."



Chancellor Marye Anne Fox speaks to U.S. Congressmen Brad Miller (left) and Earl Blumenauer (center) during their visit to campus in March.



COLLEGE OF DESIGN HOSTED NC STATE LIVABLE COMMUNITIES DISCUSSION WITH U.S. CONGRESSMEN EARL BLUMENAUER AND BRAD MILLER

On March 15, NC State University faculty members and extension officers from across campus gathered at the College of Design to present to U.S. Congressmen Earl Blumenauer (OR-3) and Brad Miller (NC-13) the university's wide array of efforts to develop, design, foster and enhance livable communities in North Carolina and the nation.

RALPH RAPSON'S GREENBELT PROJECT UNVEILED AT COLLEGE OF DESIGN RECEPTION



Ralph Rapson, dean emeritus of the University of Minnesota's College of Architecture and Landscape Architecture, reminisces with his former student Professor Georgia Bizios at the reception.

Wieler, LLC partnered with Ralph Rapson, one of the most influential contemporary architects of the 20th century, to deliver the company's first product, the Greenbelt. Designed by Rapson, the floor plan features open spaces, glass walls and a clerestory roof, accomplishing Rapson's goal of bringing nature indoors. The company unveiled its Greenbelt design at the College of Design on March 12, 2004.

"Ralph Rapson is one of the living American Masters of modern architecture," says Dean Marvin Malecha, a former student of Rapson. "His architectural projects have been inspirations for designers for more than 50 years. This is evident as his Greenbelt house of 1945 is the basis for a project in 2004."

AMERICAN INSTITUTE OF ARCHITECTS NORTH CAROLINA SELECT ANNUAL AWARD WINNERS

For the second year in a row, architects from the Triangle area dominated the AIA North Carolina Design Awards competition and many have connections to the College of Design. The annual AIA North Carolina Design Awards Banquet was held Saturday, August 28, 2004, at the Westin in Charlotte, North Carolina.

Special awards were given to two prominent College of Design alumni and a local firm. Charlotte architect **S. Scott Ferebee, Jr., FAIA**, (BAE 1948) received the F. Carter Williams Gold Medal, the highest honor the AIA NC awards its members. The medal is named for the late Raleigh architect F. Carter Williams, FAIA. The medal is awarded in recognition of a distinguished career

of extraordinary accomplishments as an architect. **Robert "Bob" Burns, FAIA**, (B.Arch. 1957) was awarded the Deitrick Medal for performing extraordinary service to the chapter, profession and community. The medal is named for William Henley Deitrick, a past president of AIA North Carolina.

Raleigh Architecture firm **Pearce Brinkley Cease + Lee** is the 2004 recipient of the AIA NC Firm Award. This honor is the highest presented to an architectural business by a state chapter. Congratulations to principals **Irv Pearce** (B.Arch. 1968), **Doug Brinkley** (BEDA 1974), **Clymer Cease** (BEDA 1974), **Jeff Lee** (BEDA 1975), **Donna Francis** (BEDA 1978, M.Arch. 1984), **H.M. Nance** (BS CE 1967), **Kathleen Thompson** and the many alumni and friends who work for the firm.



Pearce Brinkley Cease + Lee received the firm award. Pictured are many principals and employees of the firm who attended the AIA North Carolina awards banquet in Charlotte.



Scott Ferebee received the F. Carter Williams Gold Medal from AIA North Carolina.



Bob Burns received AIA North Carolina's Deitrick Medal.

PHOTOS BY ROLAND ELLIOTT

The Design Awards, though vastly differing in form and function, were deemed by a jury of four professionals to have met or exceeded benchmarks of good architecture. Awards are broken into two categories: honor and merit, with honor being the top award. The College of Design congratulates the following winners affiliated with NC State:

Honor Awards

- **Health Sciences Building, Wake Technical Community College** (located in Raleigh)
- **Pearce Brinkley Cease + Lee, PA** of Raleigh
- **Webb Dotti House** (located in Chapel Hill) Gomes + Staub PLLC of Raleigh — **Dabney Staub** (BEDA 1988), **Francisco H. Gomes** (adjunct faculty)

Merit Awards

- **Tyndall Gallery** (located in Chapel Hill) Philip Szostak Associates of Chapel Hill — **Philip Szostak** (BEDA 1975 and adjunct faculty)
- **Buffaloe Road Athletic Park** (located in Raleigh) BBH Design, the former office of NBBJ, NC of RTP — **Douglas Hall** (BEDA 1986, B.Arch. 1988)
- **Durham Solid Waste Operations Facility** (located in Durham) The Freelon Group Inc. of Durham — **Phil Freelon** (BEDA 1975)
- **Phillips House** (to be located in North Wilkesboro — this is an unbuilt project) Kenneth E. Hobgood, Architects of Raleigh — **Kenneth Hobgood** (adjunct faculty)

The 2004 Awards Jury members were: Julie Snow, FAIA, Julie Snow Architects, Inc.; Chuck Knight, AIA, Perkins & Will; Ralph Rapson, FAIA, Ralph Rapson & Associates, Inc.; and David Salmela, FAIA, Salmela Architecture and Design. All jurors are principal partners with firms in Minnesota.



Heilig Levine Building,
site of conference field trip.



Greg Hatem Renovates Old Buildings and Motivates Young Students

by Jean Marie Livaudais, Director of Professional Relations

Greg Hatem sees the future of downtown Raleigh in the hands of College of Design students. He has built his company, Empire Properties, on the ability to successfully bring back historic downtown buildings. And he is laying the groundwork for the future of downtown Raleigh by partnering with the College of Design.

Hatem has always been interested in design. As a chemical engineering student at NC State, he noticed the lights in School of Design studios burning long after his classmates had gone home. He was fascinated by the idea that there was never one right solution expected of design students. His fascination continues today: "The students don't know any boundaries—that's what's so great. It comes naturally to them. They see a problem and create a solution." Several design students have worked for Empire Properties. David Nicolay (BID 2003)

started working for Hatem just to get access to old buildings. Because "he could find a way to get everything done" and was the "ultimate team player," Hatem assigned Nicolay as project manager for the recently opened Nana's Chop House, a renovated meat-packing warehouse turned into a high-end restaurant.

Dean Marvin Malecha and Hatem met while both served on the board of the Contemporary Art Museum. Their shared interests in the arts and the life of downtown has led to several collaborations aimed at enlivening downtown Raleigh and enriching design students' education. When members of the student Design Council came to Dean Malecha with an idea for an art gallery, he sent them to Hatem. Because vibrant downtowns are driven by the arts, Hatem was eager to help, offering gallery space in the Alexander Building just below the City of Raleigh Urban Design Center.

Handling the entire negotiations on their own, Design Council students impressed Hatem with their professionalism, responsibility and creativity in making the student-run Fish Market a reality. Tracy Spencer (BAD 2004), an original founder of the Fish Market, now creates and manages Empire Properties' graphics communications including the web site and a new guerrilla marketing campaign.

The following year, the college conference *Downtown Partnerships for Design and Development* aligned perfectly with Hatem's interests. He served as a sponsor, as a member of the closing panel and hosted a nearby field trip to participants in the Heilig Levine building, slated for renovation. Hatem said, "There were so many downtown forces moving in the same direction, but before Marvin Malecha came along, connections were not being made with NC State University and the

College of Design. It's great to have them take a seat at the table in the discussion of downtown Raleigh development."

Furthering the partnership, Hatem has offered partially donated space for the college's Downtown Studio, which will offer opportunities for students from all design disciplines to explore urban design, renovation, planning and other downtown-related issues. The space is just around the corner from the City of Raleigh Urban Design Center, the Fish Market and the Empire Properties office. Participating students will not be designing for Empire Properties, but they will have free access to its buildings, learning the renovation process up-close. Everyone will benefit. "The amount of creative energy the design students have is amazing. I learn a lot just by being around them," Hatem said.

Hatem's passion for the downtown community extends well beyond just business. When asked why he would offer his time and resources to assist students, he talks about the future: "Just being in the space will have an impact on them. We need specially trained design professionals to work on renovation projects. It's completely different from designing buildings out of the ground. Old buildings just can't be duplicated. We need to show students a certain philosophy, a way to work in the urban environment. This is a long-term approach and will have a huge multiplier effect. These students will some day run their own firms and the next generation of designers will learn from them about urban renovation and the value that older buildings have to offer."

Renewed Communities Conference Brings Downtown Partners Together

The College of Design's February 7 conference, *Renewed Communities: Downtown Partnerships for Design and Development*, held in downtown Raleigh, brought together more than 145 architects, landscape architects, planners, city officials, developers and design students from across the state to learn from case studies and discuss issues of downtown revitalization. College alumnus Steve Schuster of Clearscapes PA chaired the conference.

Raleigh Mayor Charles Meeker opened the conference followed by a keynote address from planner Jane Thompson of Boston. Designers, developers and planners from communities throughout North Carolina teamed up to present break-out sessions, offering concrete advice on how to achieve downtown revitalization. During the lunch break, participants went on "field trips" to the City of Raleigh Urban Design Center and to the Heilig Levine Building under renovation. The closing panel offered an opportunity for open discussion among participants and included planners, architects, a landscape architect, city official, developer and a construction expert.

Conference sponsors were Adams Products Company, the Kenan Institute for Engineering, Technology & Science, Empire Properties and Weaver Cooke Construction. The City of Raleigh sponsored attendance by a number of council, commission and staff members.

Downtown conference organizers Rodney Swink (MLAR 1978) and Steve Schuster (BEDA 1973) with Greg Hatem at post-conference reception.



STAY TUNED:

This winter, the college will follow up its downtown partnerships conference with *Designing Communities for Healthy Living*, slated for February 5, 2005, at the Sheraton Capital Center Hotel in downtown Raleigh. Check www.design.ncsu.edu/cont-ed for details.

features

Student Team Wins Masonry Design Competition

When sophomores Natasha Marcuard, Matthew Fornaro, Josh Startt and graduate student Christina Settle enrolled in Gail Borden's ARC 232 class in the spring, they had no idea that their group project would earn them \$500 each. The four students won the Innovative Design Competition sponsored by the National Concrete Masonry Association (NCMA). The goal of the competition is to generate new block ideas for the concrete masonry industry.



Tim Dougherty (left), chairman of the National Concrete Masonry Association's Product Development and Creative Concepts Subcommittee, presents checks to Christina Settle, Natasha Marcuard, Josh Startt and Matthew Fornaro.

Since 1997, Paul LaVene of the Carolinas Concrete Masonry Association (CCMA) held a concrete masonry design competition in the School of Architecture at NC State. Associate Director of the School of Architecture and Professor Patrick Rand presented previous student concrete masonry design projects

at national conferences and that piqued the NCMA interest. NCMA liked the idea and decided to test the project at NC State this year with the hope of allowing other architecture schools and perhaps other disciplines to compete next year.

"This competition is a wonderful opportunity for NCMA to participate because the students have a general enthusiasm for creating new units, which could greatly benefit the concrete masonry industry," says Frank Werner, vice president of marketing for Adams Products Company, a Division of Oldcastle APG South, Inc.

"In addition, the students have the opportunity to really touch, feel and design with concrete masonry, which encourages knowledge for using the material in the future."

Borden's ARC 232 class was selected to compete in this prototypical format. About 60 students divided into teams of four and developed ideas for the NCMA Innovative Design Competition. Teams could choose one of two projects: either design a dry stack masonry wall and build it the morning of the competition, or design models and specifications for a new concrete masonry unit. Since one of the team members could not attend on the day of the event, the winning team opted for the second choice.

The event was held April 3, 2004, and a jury of three people judged the entries. Judges were Butch Hardy from Adams Products Company who represented the manufacturing sector; Doug Burton with Whitman Masonry in Benson represented

masons; and Dan Huffman, AIA, of Cherry Huffman Architects represented architects.

The winning team was invited to present its prototype units at NCMA's Product Development and Creative Concepts forum in Cambridge, Md., in August. Adams Products surprised the group by producing about 100 units of their new design, made using concrete in its industrial molding machine.

Professor Rand thanks the sponsors CCMA and NCMA, Paul LaVene, Butch Hardy and Frank Werner for giving NC State the opportunity to participate in the first national contest and for producing samples for the students.

From the industry standpoint, the competition is not just about public relations. According to Rand, it is an investment in the future of the industry as new architects learn to use their units insightfully.

The students in the winning group earned more than just \$500 — they also learned how to interact with professionals and the nuances of presenting to a national conference. They learned what it takes to produce block units from start to finish. They learned internal issues and gained legal experience on gaining rights to their designs.

According to the students, presenting at a national level instead of for classmates and having a real architect already interested in using their product (which has only been produced in a preliminary phased stage) is the icing on the cake.

A new lab designed to support the new Master of Art + Design degree program will allow students to use high-end advanced media equipment and will also support cross-disciplinary projects.

The new Art + Design advanced media laboratory, which can be used for animation, advanced media or visualization, will foster more joint labs, such as the one that Patrick FitzGerald (Art + Design) and Art Rice (Landscape Architecture) taught this spring examining the relationship of animation and landscape architecture. The lab opened in Brooks Hall this fall.

ART + DESIGN GETS ADVANCED MEDIA LAB



The new advanced media laboratory in Brooks Hall consists of several specialized software suites installed on state-of-the-art computers.

Armed with a constructivist (learn by doing) philosophy and high-tech equipment with specialized software and hardware for high-end advanced media production, the department is providing equipment that students could not readily get access to, nor afford. The university provided the start-up resource funding for new graduate programs.

There is a large investment in the specialized software suites dedicated to compositing, 3-D animation and video editing. Another area in the new lab is coming on line to construct light-controlled space that will be used in conjunction with booms and steady cams, and blue screens for compositing.

Although the new master's program will not accept students officially until January 2005,

the Art + Design department has a history of success with students who have earned their master's in Industrial Design and concentrated their studies on animation. Graduates with animation backgrounds are gaining access into elite schools for further study.

Department Head Chandra Cox says, "This is an explosive field with a lot of opportunities." Partnerships with companies through internships provide a strong educational background that allow students to push their boundaries.

Projected enrollment for the first year of the MAD is 12 in the digital concentration and 12 in the textiles concentration.

"Our students have been successful for years and already have a track record of success," Cox says. "Our hope is to provide further progression and educate our students to be leaders."

Cox adds that production work is usually a temporary stepping stone, but something graduates can cut their teeth on as they climb the ladder of the corporate world.

Tim Allen (BAD 1999, MID 2002) supports the idea of the specialized Master of A+D. Allen says there is a need for a specialized new media degree and most of the top design schools now have multi-media and design technology degrees. According to Allen, the master of industrial design dealt with the physical product design and does not include interaction or experience design. He believes the new master's program will bridge the gap and teach experience design, which he describes as the *designed behavior* of digital media — the flow, sound, motion — based in virtual reality.

Allen's skills are in high demand, too. He just moved from a position at IBM as design team leader for Lotus Software to San Francisco-based Macromedia where he will be senior product designer for Breeze and part of the overall experience design team.

Alex Liollo (left) and Amanda Nichols pose with their award-winning designs and Senator Joe Sam Queen.



SENATOR JOE SAM QUEEN ASKS ALMA MATER TO DESIGN LICENSE PLATES

Senator Joe Sam Queen (BEDA 1972, M.Arch. 1974) asked the Graphic Design department to assist him with designing a personalized license plate to represent the Appalachian Trail.

Senator Queen's request was taken on by Martha Scotford's sophomore graphic design studio last fall. During a review session with faculty, Senator Queen selected his two favorite tags.

Alex Liollo, from Charleston, S.C., garnered first prize (\$100) and Amanda Nichols, from Raleigh, won second prize (\$50). Over the winter holiday break, both designs were refined by the students and presented to Senator Queen in early January. The Appalachian Trail Council put the two student designs on their web site and offered the opportunity for others to contribute designs. After a two-month feedback period, the committee selected another design based on feedback from the trail users. The final design was submitted to the N.C. Legislature to be added to the list of available specialty tags.

Senator Queen says, "As an alum of NC State, I knew they had great design talent and interest to be involved in a great asset of the state. It was a good design project for studio. The students' work definitely played a role in the final Appalachian Trail license plate."

features

Industrial Design Collaborates on NIH Grant

It might surprise you that students in the Industrial Design program in the College of Design are involved in major medical breakthroughs, but it is true.

A three-year National Institutes of Health (NIH) grant was awarded to Dr. Greg Buckner in mechanical engineering and he wanted to collaborate with Industrial Design. Previously Dr. Buckner and Industrial Design Department Head Bryan Laffitte had submitted collaborative proposals to receive grants. Although

the earlier proposals were not funded, both men have a respect for each other's design process and wanted to continue this collaborative effort.

When Dr. Buckner submitted the proposal to develop tools for robotic heart surgery, he approached Laffitte about the possibility of teaming up. Although Laffitte had little time to invest in this first project, he offered up two advanced industrial design students, Chuck Messer (MID 2004) and Jesse Crossen (BID

2004) to assist with the project. Also involved was Jonathan Kuniholm (MID 2003) who helped establish a link between Mechanical Engineering and Industrial Design while he was enrolled in both departments' graduate programs. Kuniholm assisted with this project, but is now serving in the U.S. Marine Corps Reserves in Iraq. Two engineering students and Drs. Chitwood and Nifong from the ECU College of Medicine were team members as well.



Right: Chuck Messer (MID 2004) testing a design on a cadaver at ECU.
Bottom: Live robotic heart surgery at ECU.



A new \$1.5 million NIH grant with Dr. Buckner serving again as principal investigator is under way. Laffitte is one of the co-investigators along with Eddie Grant in robotics, Dr. Cormier in industrial engineering, and Dr. Chitwood and Dr. Nifong at ECU. Tackle Design (www.tackledesign.com), the business started by Messer, Crossen, Kuniholm and two others after graduation, and undergraduate industrial design students will be involved as well as those from the other departments.

This grant aims to develop concepts for robotic heart surgery repair of mitral valve prolapse. By trying to avoid traumatically opening the chest cavity, this project is geared to decrease healing times for open-heart surgery patients. The idea is for the robotic arms to enter through small incisions in the side of

the body. The surgeon controls the robotic arms to do the actual cutting and stitching. The industrial design challenge is to develop new tools for the procedure.

According to Messer, "The robotic procedure itself is new but is already in use. Our goal is to develop specialized tools that will simplify and speed the procedure, increasing its safety and setting the stage for its widespread use."

This project is a good match for our advanced students. Simple forms of ID work is being off-shored and Laffitte sees the benefit of partnering for a collaborative project like this is to bring creative work to the technical.

"The degree of specialization that is required in science means that complex projects require a team of people to accomplish them," says Laffitte. "Industrial

Design is a discipline that can serve as a catalyst for a team of specialists because of the ability to visualize concepts that reflect the input of the whole team," he adds.

According to Laffitte, it is important to get "designers involved in scientific and technical research as a way to enhance the creativity of the team, to generate a broader number of concepts and develop prototypes rapidly."

As the project progresses, the students gain a sense of their importance in the process. The four ID undergraduate students involved with the surgical tools research are Sean Hilliard, Robin Wilson, Michael Hesterberg and Jonathan Thompson. Some with mechanical and others with medical backgrounds, these students should be a great asset to the collaborative team effort.

Industrial Design and Athletics

Of the several collaborative projects being pursued by the Industrial Design Graduate program this semester, this is the one that involves community extension both inside and outside of the campus.

Industrial Design students have teamed with the NC State Athletics department along with former NC State basketball star turned physical therapist, Luke Buffum, to help NC State Athletes boost their game. Their goal is to design a new generation of strength training equipment to increase the competitive edge of the players.

The students will take a three-pronged approach to the challenge:

- 1) They will address any inadequacies in the present exercise equipment as identified by trainers and coaches.
- 2) They will analyze specific motions performed by athletes (for example: the swing of a baseball bat) and identify the muscle groups involved in the action. Then the students will design equipment specifically to strengthen and enhance the power of that swing.
- 3) The team will, with the help of the trainers and physical therapist, identify which injuries are most common in a given sport. Many sports injuries are due to weakness in vulnerable muscle groups. The design team will work with the therapist to build equipment to strengthen the muscles preventatively as opposed to offering reconstructive therapy after the injury has taken place.



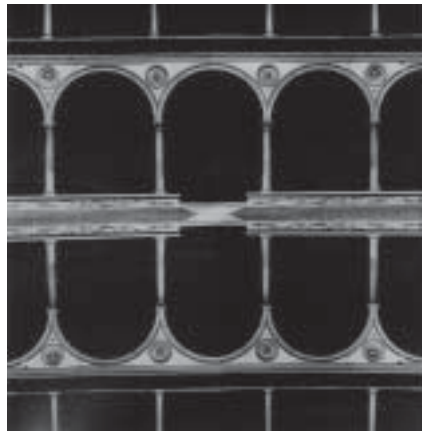
Brian Shawcroft (seated) signs catalogue for opening night guest. Photo at right: *Ospedale-Florence 1963*. Lower right: *New York-1955*.

Shawcroft is a former associate professor of architecture at NC State, where he taught courses in architectural design and photography. In 1991 Shawcroft was awarded the Kamphoefner Prize in Architecture for his contributions to the modern movement in architecture.

The exhibition, held from August 18 to October 8, and a special catalogue were funded by the generosity of the College of Design and three alumni who were students of Shawcroft: Richard Green (B.Arch. 1968), Curt Fentress (B.Arch. 1972) and Randy Croxton (B.Arch. 1968).

Brian Shawcroft Photography Exhibition Fifty 50 Opens Fall Semester

NC State University's College of Design hosted a photography exhibit featuring the work of noted Raleigh architect Brian Shawcroft. The exhibit, "Fifty 50," features 50 of Shawcroft's photographs taken during the past 50 years.



Alumni & Friends Receptions – The Tradition Continues

The External Relations office was out across the country hosting alumni and friends receptions this past spring and summer with more being planned for this fall.

- More than 40 people gathered at the Intercontinental Hotel in Chicago on June 10, 2004, during the National AIA Convention.

- On August 27, 2004, more than 50 alumni and friends of the college gathered in the beautiful office of ODELL in Charlotte for a reception hosted by Marley Carroll (B.Arch. 1962) during the North Carolina AIA Summer Design Conference.

COMING UP

- The college will host an alumni table at the National ASLA Convention in Salt Lake City at the Grand America Hotel on October 29, 2004.

- The annual scholarship reception is scheduled for Monday, November 1, 2004. Scholarship donors and recipients will gather in the rotunda of Brooks Hall followed by tours of the students' studios.

- Look for the college during the Arch Ex conference (formerly Building Virginia) November 12-13, 2004, as we will have a booth during the two-day event. Please stop by and see what is new at the College of Design.

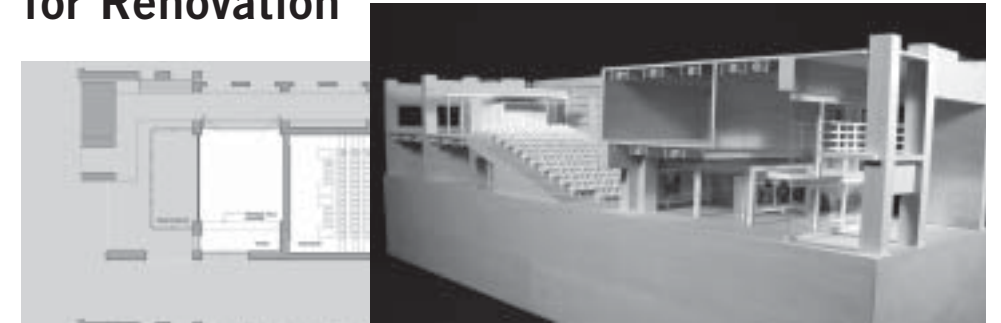
Renovation of Leazar Hall will get under way in the spring of 2005. When completed, the College of Design will occupy the entire building. New features will include the doubling of space for the materials lab, which will move from Brooks Hall; new fundamentals, loom, painting and sculpture studios; as well as renovated faculty offices and new seminar spaces. Along with Art + Design, Fundamentals and Industrial Design, the Ph.D. program and the Office of Research, Extension and Engagement will call Leazar home. Designed by Cannon Architects, the renovation will modernize the space that was originally built in 1912 and renovated in 1983.

The auditorium in Kamphoefner Hall will be renovated at approximately the same time. Also designed by Cannon Architects, the renovation plans call for re-orienting the auditorium 90 degrees, converting the "ramp" room into an exhibition and lobby space, and creating a reception and meeting space at the upper level. The eastern exterior corridor of Kamphoefner Hall will be relocated to achieve the 170-seat auditorium, while current sight line, acoustical and traffic pattern problems will be resolved.

Both renovations are expected to take about a year to 18 months to complete. In the interim, college programs are occupying several nearby buildings on campus, including the Riddick Field House formerly occupied by the Police (Ph.D. Program and Research, Extension and Engagement), the Riddick Stadium building (Art + Design and Fundamentals) and the Park Shops.



Leazar and Kamphoefner Halls Set for Renovation



Plans of Leazar (top) and Kamphoefner Halls (left) provided by Cannon Architects.

You don't have to wait 20 years to have an impact on current students.

Recent Graduates Giving Back

Just ask Chuck Messer and his colleagues at Tackle Design, who established a new annual scholarship in the College of Design this fall. While it may not be the largest scholarship awarded by the college, it is given with generosity and an entrepreneurial spirit that has led its donors to their current success.

Messer graduated with a Master of Industrial Design this past spring. Chuck and fellow alumni Jesse Crossen (BID 2004), Jonathan Kuniholm (BS ME 2002, MID 2003 & MS ME 2003), Jason Stevens (BS ME 2001, MS ME 2002), and Kevin Webb started their own design firm while they were students. Tackle Design provides design and technical development services including prototyping, industrial design and detailed design for manufacturing.

The **Technical Achievement in Industrial Design Scholarship** from

Tackle Design is awarded to a student in Industrial Design who possesses the simultaneous criteria of technical promise with an approach to design that

crosses the boundary between industrial design and engineering. Tackle Design will also serve as the recipient's project mentor enabling the student to accomplish more than he/she could unassisted and offering real world experience in the design process. Messer said of this award, "We wanted to support students in ID that are like us: a little too cool to be engineers but a little too geeky to be designers."

When Messer approached the college about establishing this scholarship he and his partners were motivated by the excellent teaching and support of the Industrial Design faculty while they were students. "We were never told that we couldn't do something. Whenever we had an idea Bryan Lafitte and Vince Foote always said 'why not, you can do anything.'"

In addition, Messer was one of the recipients of a Franklin Bost Fellowship

Since beginning their collaboration, the Crafts Center and the College of Design's Art + Design Department have led dozens of burgeoning designers into the dark room and wood studios to enhance their educational experience with actual hands-on art projects. Photographers work under the instruction of Charles Joyner (A+D) and Jim Pressley, while woodworkers study with George Thomas and Dana Raymond (A+D). This fall a new group of students have explored new media and share their finest work, initially displayed and submitted for critique, in an ongoing exhibition, which will continue into the spring semester.

New Scholarships and Fellowships Established:

Architecture:

Moseley Architects Fellowship from alumnus Douglas Westmoreland (BEDA 1978).

Duda/Paine Architects Fellowship from alumni firm headed by Turan Duda (BEDA 1976) and Jeffrey Paine.

Industrial Design:

Technical Achievement in Industrial Design Scholarship from Tackle Design (see article at left)

Award, and he remembers how much the award helped him. "I went through a trying time financially during my last year and the Bost Fellowship made a huge difference to me. Partly inspired by Mr. Bost's generosity, we decided to offer up our own scholarship to give something back to students in the program. While what we are offering is small in comparison [to the Franklin Bost Fellowships], I hope that our scholarship will inspire other recent graduates to give back to the incredible program from which they benefited. Each year we hope to add more to the award."

Fashion Show Marks Third Year

Two NC State University colleges presented their third annual fashion show, "Collection III: Art to Wear," on Thursday, April 29, 2004. The 16 student designers involved in the show are enrolled in the Anni Albers Scholars Program, a collaboration between the College of Design and the College of Textiles that provides students a dual-degree program in design and in textile and apparel technology.



The student director was Hollin Norwood, a sophomore in Art + Design from Chapel Hill. The faculty advisor was Vita Plume, assistant professor of Art + Design.

According to Norwood, director of the show, "a variety of techniques from



Busy Bees Encircle Roundabout

Jen Van Orden, senior in Art + Design, completed a mixed media installation for her summer studio project by adding bumble bees to the median of NC State's roundabout on Pullen Road in front of Brooks Hall.

Van Orden created the 17 bumble bees in the studio of Matt McConnell where she has both interned and worked while enrolled in the College of Design.

The project's aim was to meld your own personality with the style of work from one of the student's 10 favorite artists. Van Orden chose to use steel rods to form the bees. McConnell's studio specializes in steel lighting and architectural elements.

When asked why bumble bees? Van Orden stated the bumble bees represent the busyness and chaotic nature of the roundabout, the university and life in general. The bees create a flying momentum, adds Van Orden.

The bees were featured on WRAL-TV, *The News & Observer* and *The Technician*. The publicity has even led to work for Van Orden.



traditional fashion flat patterning, draping and tailoring, metal and plastic sculpture, as well as experimental fiber and surface design work were used in the students' production of their garment and accessory designs."

Articles about this year's event were featured in *The Independent* and *The Technician*. The show was held in Kamphoefner Courtyard to a standing-room only crowd.

A reception followed the show. An after-party, sponsored by Design Council and hosted by the Fibers and Textiles Student Organization (FATSO), was held at the Fish Market Gallery located at 133 Fayetteville Street Mall in downtown Raleigh.

COMMENCEMENT ADDRESS BY L. FRANKLIN BOST

NC STATE UNIVERSITY COLLEGE OF DESIGN • MAY 15, 2004



Congratulations to each new graduate of the College of Design, to your families and to the faculty and administrators that assisted in your journey to this joyful day. No one knows what the future holds. Thirty-six years ago, while I was sitting where you are sitting, I certainly never imagined I would be standing where I am standing now. It is an honor to be here today.

When thinking about the excitement of a career in design, many words easily come to mind...

- Creativity
- Innovation
- Passion
- Entrepreneurship
- Intrapreneurship
- Technology
- Leadership
- Opportunity

And after the student awards ceremony yesterday, I must add **"AMAZING!"**

A week after my graduation in 1968, I packed all my personal belongings into a '66 Mustang and drove to Chicago. I had no place to live and knew only my new boss. Suddenly, I was a

designer with a \$500 million medical company.

One of my first assignments was to explore the potential for disposable cubicle curtains for hospital rooms, which at the time was a new idea. My boss, head of product development, suggested that I give the progress report in the senior management new products meeting.

Gee, I had done many presentations at the College of Design, but this was my first experience in the "real world." I knew my subject, the design alternatives and recommended solution; so how to make my point? I began with a summary of the research and potential alternatives, and then wanted to demonstrate the recommended solution. So, I fired up a butane torch and proceeded to flame the various sample materials. When I realized I had the undivided attention of a room full of senior executives, I knew the presentation skills learned at the College of Design were a key asset for my future success. Just like in kindergarten, a little show-and-tell goes a long way.

Designers have always changed the future: from the creation of the wheel, to the cotton gin, to manned flight, to penicillin, to the electronic

computer. Exciting new technologies are in their initial stages of development right now. Designers will be needed to convert these emerging technologies into new realities.

- Human genome project – is opening new doors for medical science.
- Tissue engineering – offers the promise of restorative medicine.
- Nanotechnology – will change the clothes we wear, the building materials we use, the way healthcare is delivered.
- And space flight – WOW! One day Star Trek will be a reality. (Actually one of my daughters said, "What's Star Trek? Like an ancient SG-1?")

The New Economy is not the Internet. The Internet is the enabler that has forever changed the way goods and services are created and delivered. Amazon.com has made shopping easier, but with the Internet, General Electric, Progressive Insurance, UPS, Dell, Cisco, Wal-Mart, eBay, and Google have infinitely changed the way business functions.

Little guys, entrepreneurs and intrapreneurs working within companies, are now winning-out

over the big old dogs of industry. Little guys can utilize technology and creativity to reinvent methods of information design, communications, supply chain management and customer convenience while drastically reducing the time and cost in the delivery of their goods and services. The design and creative process is not just limited to 3-dimensional products but is also effective in eliminating inefficiencies, improving service, and giving control to the customer.

In my company, we utilize the Internet to assist in collaborative design projects with surgeons around the world. In the past six months, we have reduced the cost and the time to provide customized craniofacial implants for individual patients by over 50 percent. The resulting value of speed and convenience has captured more customers who are willing to pay higher prices for faster service. Our target is now another 50 percent reduction in the next six months.

It is evident the speed of development is not keeping up with all the innovations from creative research. In a March report the FDA stated, and I quote: "The medical product development process is no longer able to keep pace with basic scientific innovation." Cost to receive FDA approval for a new pharmaceutical drug is well over \$100 million and requires more than a decade. A typical new medical device or product still takes several years to design, clinically evaluate, obtain regulatory clearance, and commercialize. Last year the FDA cleared 5,000 medical devices for marketing. By regulatory definition these products were "substantially equivalent" to other devices on the market. Beneficial products, yes, but many represent only incremental improvements over existing devices. By contrast, the FDA approved

only 37 totally new devices. This was after their sponsors invested three to five years in development and clinical evaluation and spent millions of dollars. New methods of design and development are essential for us to realize the potential of innovation.

Greed and ego in several very large corporations has spawned increased awareness in business ethics. What constitutes good corporate governance and compliance with Sarbanes-Oxley Regulations is now a topic in every boardroom. You don't know what Sarbanes-Oxley Regulations are? You will. Because of our litigious society, product liability and insurance heavily influence the design, development speed and costs of new products.

Also, we in the USA lead in consumer consumption and use of over half the world's resources. We must address our responsibility to future generations.

So, what can we do as designers?

We must champion our beliefs. Be passionate about what you believe and spread your word on Great Design to everyone! Champions become leaders and leaders create new outcomes. Leadership is an opportunity to realize your vision and creativity. It takes focus, planning, persistence, tenacity, and enthusiasm. The good news is that there are plenty of opportunities for champions to excel in every profession.

Thirteen years ago the surgical business at my company was "a little guy" within a much larger organization. This was a high-risk business, making implantable devices for facial reconstructive surgery. It had tremendous potential but needed focus and a "champion." After working for several

months creating a proposal for a global business, the plan was presented in a strategic review session. The board endorsed the plan and approved considerable funding; three days later, we had a new corporation. A team was quickly put together of current and new employees, an empty company facility renovated, and we began our adventure in intrapreneurship. This business has now grown to service five craniofacial surgical specialties in the US and through affiliates in over 45 countries.

We must commit to continued learning. We, as designers, must combine our education in design with a vast array of new technologies to provide innovative solutions—whether our customer is a doctor, homeowner, commercial developer, city planning commission, or communications firm.

In my current business, I'm often asked if I am a doctor. The answer is a resounding "No!" But by poring over medical texts, surgical journals and attending conference presentations I opened the way for communication with my customer—the surgeon. Thousands of hours in discussions with surgeons and hundreds of hours in operating rooms have put me closer to their techniques, needs and desires for improved methods and surgical outcomes. When I left the College of Design, I certainly never imagined I would be designing and providing body parts for people all over the world.

We must be evangelical about great design. I don't believe there is any one optimum solution. But in the "real world" sub-optimal solutions abound! Your challenge—and opportunity—is to develop the best, the very best, solution at a moment in time.

(continued on page 21)

New Year-Round Prague Institute to Begin

The College of Design has been offering summer studios in Prague for approximately 13 years. Beginning January 2005, the college is opening a year-round design institute in Prague that will offer Landscape Architecture, Architecture, and other design studios and courses to the students of the College of Design and other

interested design students from around the world. Each semester the studio and course offerings will take maximum advantage of the spectacular urban context presented by the city of Prague in the Czech Republic. Spring semester 2005 will focus on landscape architecture and urban design and will explore the urban waterfront and the cultural/social function of urban spaces. **For more information, see photo gallery at <http://ncsudesign.org/Prague/>.**



ART RICE

The Center for Universal Design's Contract Renewed for Sixth Year

The N.C. Department of Health and Human Services (DHHS) Independent Living Program has long recognized that access to universally designed housing, both affordable as well as market rate, is critical when providing an alternative to institutionalization and to facilitate increased independent living by people with disabilities and older adults within their family, home and community.

The DHHS has contracted with the Center for Universal Design for the sixth year to provide continued technical assistance to people with disabilities and the housing industry on design requirements for accessible and universal housing. The Center will continue to provide work on multifamily housing to improve accessibility for people with disabilities, with a special emphasis on affordable accessible housing. The Center will continue technical assistance services by providing training, conducting plan reviews and will continue to participate in relevant committee and task forces to stay abreast of changes to building codes on the state and national levels as they relate to accessible multifamily housing. Leslie Young is principal investigator for this \$50,000 contract.

Assistant Professor of Art + Design Vita Plume (right) and Lynda Collins, a graduate student in ID who is working in Art + Design with a fibers concentration, surprised Dean Malecha on September 9 with a piece created on the new jacquard loom as a thank you for providing the loom to the A+D program. The Dean's likeness and quotes are woven into the artwork.



(continued from page 19)

My first experience with discussing new implant designs was with a plastic surgeon in California. He was familiar with our implant materials and had been making his own designs in the operating room for reconstructing ears, noses and chins in burn patients. Our first design discussion was at his house, where over a beer—or two—we reviewed slide after slide of trauma patients and his reconstructions. He was evangelical about the need for better designs to enhance his patients' lives. I became evangelical about providing him and other surgeons with the tools to do so.

We must become choreographers of great design. All of us here are great designers. Just ask us! But beware! Great Design can remain Great Design if left on the shelf. Great Design with commercialization enhances people's lives, the community, and the economy. In this increasingly complex world, an individual can rarely actualize the potential of Great Design. You must be prepared to collaborate with an ever-changing network of other disciplines. In our careers, development teams will be formed, work diligently together, and then quickly disband after accomplishment of the team goals. Participants will re-form with others for the next project or task. You must continually reinvent yourself.

In my field, the network of stakeholders in the product design and development process are: patients, surgeons, nurses, designers, engineers, tooling designers, package designers, graphic designers, technical writers, production employees, quality assurance personnel,

intellectual property lawyers, contract lawyers, financiers (company or investor), the Food & Drug Administration, Center for Medicare and Medicaid Services, International Standards Organization (ISO), European Community regulations, regulatory bodies in other countries, the marketing person, the sales person, and the medical educator. It is the designer who can effectively choreograph all these talents from concept to commercialization. What a fabulous role to play!

In 1963—only a few “short” years ago—in Brooks Hall, Professor Duncan Stuart told my freshman class: “take what I say and put it on file cards in your mind, you may find it useful in the future.”

So in conclusion, here is my list of file cards I hope you will remember:

- Remember your parents.
 - This may be their proudest day.
 - Give them many more.
- Remember your teachers.
 - They have invested much time and effort in your future
- Keep in touch with the College of Design.
 - You can provide continuing support to future students.
 - And know you will always be welcome here.
- Travel widely.
 - The world is a complex, richly integrated system of cultures, religions, languages, nations, governments and individuals.
 - Get to know as many as you can.
- Get involved politically—on the local, state or national level.
 - Politics influence your life—your tuition

rates, taxes you pay, medical coverage, roads you drive on, ...

- You may not want to hold office, but support the candidates that you believe will do the best job.
- Sketch everyday.
 - It's good for the mind and soul.
- Exercise for the long run.
 - Life is the long run.
- Commit to continuous learning.
 - In your field, of course, but also in many other fields.
 - It is interaction between seemingly unrelated events that can spark creativity and innovation.
 - Tom Peters, author of “In Search of Excellence” and 10 other books, is an incredible proponent of Great Design. Use a few dollars of your graduation money to listen to a CD of his new book —“RE-IMAGINE!”
- Be bold and take risks.
 - Nothing is accomplished without risk.
- Exhibit professionalism.
 - You will be rewarded with respect from others.
- Be ethical in all you do.
 - Or nothing else matters.

The joy and rewards of your academic achievement at NC State and the College of Design will always be with you. These accomplishments are the foundation of your future.

The future holds exceptional opportunity. With creativity and passion as your allies, go forth to make your place in this www (wide-wonderful-world) and have fun doing it!

Thank you and congratulations!

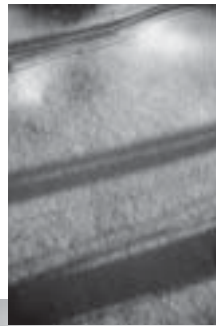
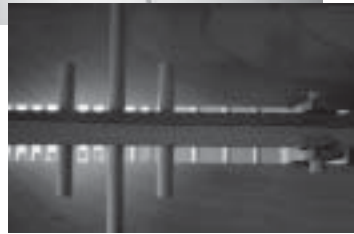
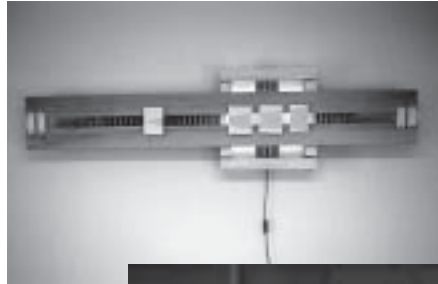
Jérémie Michael McGowan Writes Home

I lived in Koppelo, Finland, during January and February 2004 as the Artist in Residence of Lapland, in the land of kaamos, the polar night.

As the sun remained below the horizon until late January, I began working on a series of wood-and-light sculptures inspired by winter light (samples at right) and traditional Scandinavian woodworking. In Finnish, *taide* (art) and *taido* (skill) are linguistically intertwined, a relationship that became a primary focus for my residency experience, as I worked with wood species native to Finland, including tar alder, birch, aspen, spruce, fir, arctic pine, and dead growth pine. I designed and constructed my pieces using interlocking wood joints and very little wood glue, eliminating the use of nails and screws. In addition, most of the pieces were designed with moving components, allowing for changes in composition and optimal usability.

As the Artist in Residence of Lapland, my work was greatly influenced by the community that welcomed, supported, and inspired me during the winter of 2004. The pieces I designed and created during my time in the far north stand testimony to an experience filled with wonder, excitement, and appreciation for the fragility of life near the "top of the world" (landscape photos at left).

Jérémie Michael McGowan is a 2001 Art + Design graduate of the College of Design. Jérémie has been accepted to the University of Edinburgh in Scotland, where he plans to begin MSc/PhD studies on "the sacred in design" this fall.



The American Institute of Architects conferred a Presidential Citation on **Paul Davis Boney**, FAIA, (BEDA 1977) for his outstanding service and leadership as National Chairman of the 2003 AIA National Convention. The convention, which was held in San Diego, California, was the largest in the history of the AIA. The Presidential Citation is the highest honor an AIA President can bestow at his own initiative. The citation, not traditionally conferred on an individual architect, was presented by Thomas E. Penney, FAIA, National President of The American Institute of Architects, during a dinner meeting of the AIA Wilmington Section in Wilmington, N.C.

Rick Bynum, (BEDA 1983) has completed his fourth book. *Archi-toons* is 120 pages of original cartoons that explore the lighter side of architecture, design and the construction industry via satire, witty observation and sometimes a little political commentary.

Natalie Chanin (BEDN 1987) drew attention in the Fanfair section of the July 2004 *Vanity Fair* magazine. Chanin's handstitched clothing from her Project Alabama line were featured. While filming a documentary called "Stitch" about the ladies of Alabama who construct colorful quilts, Chanin started designing a t-shirt a day with her signature embroidered patterns.

Wendy Coulter (BEDA 1993, BEDI 1994), President of Hummingbird Creative Group, a Raleigh-based creative services firm, has received one of *Triangle Business Journal's* **40 Under 40 Leadership Awards** for 2004. The *Triangle Business Journal* recognizes Triangle-area business people who have met

with success in their careers and have taken the time out of their busy schedules to give back to the community.

Melanie Daniels, AIA, (BEDA 1998, B.Arch. 1999) has recently become a licensed architect. She is project manager for Skanska USA Building, Inc., Duke University Projects Group in Durham.

Jolie Frazier's (M.Arch. 2002) Final Project, "A Retreat: A Place of Rest in Oxford, Maryland," was published in *Archiprix International: World's Best Graduation Projects* by O10 publishers of Rotterdam, 2004. All design institutes in the fields of architecture, urban planning and landscape architecture throughout the world were invited to submit their best graduation projects. More than 140 educational organizations from all continents responded. Archiprix International is held once every two years. Frazier's project was one of 46 published from the 2003 Istanbul Archiprix International, which included 240 submissions. Roger Clark and Lope Max Diaz were her graduate committee for this project.

Matthew Griffith (M.Arch. 2002) revamped his thesis project in 2004 and was awarded one of six 2004 Boston Society of Architects Unbuilt Architecture Awards.

Robert Irwin (MPD 1978) lectured during the 2004 Design Camp. Irwin spoke about his career as a painter, sculptor, graphic designer, photographer and exhibit designer. Irwin also unveiled his new book *Robert Irwin: 40 Years of Painting*, which he said is a tribute to his mentors Joe Cox and George Bireline who inspired Irwin the most during his time at the College of Design.



Sally Jenkins (BGD 2002) is on the fashion design staff as a graphic designer at BOLT in Charlotte. She is responsible for graphic design and brand development for BOLT's growing roster of fashion clients.

Dr. Barrett L. Kays, ASLA, (MLAR 1973, Ph.D. in Soil Science 1979) of Landis, Inc., recently served as an expert witness for a landscape, soil and groundwater scientific study and testimony in U.S. Federal Court of Claims. Dr. Kays' work was commissioned by the U.S. Department of Justice, Environment & Natural Resources Section on behalf of the U.S. Army Corps of Engineers, Rock Island District. Kays prepared a large-scale groundwater model using daily climatic data and computing daily water tables contours for a 52-year period to analysis the impact of the Corps navigational project.

Dr. Kays, of Raleigh, N.C., works on large-scale landscape, soil and hydrological issues; river, floodplain and landscape restoration projects; and design of numerous types of sustainable project scale stormwater, wastewater and hazardous waste biodegradation treatment systems throughout the United States (www.barrettkays.com). In 1998 he received an ASLA Honor Award for the restoration of Great Lawn and Belvedere Lake in New York's Central Park.



Andy Kiser (BAD 1999) has rejoined BOLT in Charlotte as a full-time graphic designer. He works on both fashion retail and home improvement accounts.

Two of the three North Carolina state aquariums are now being run by College of Design graduates. **Donna Moffitt** (BEDLA 1974; MLAR 1976) is director of the Aquarium at Fort Fisher and **Jay Barnes** (BEDP 1980) is director of the Aquarium at Pine Knoll Shores. The Aquarium at Fort Fisher reopened two years ago after a significant expansion and the Aquarium at Pine Knoll Shore will reopen in 2006 after its expansion is completed. Barnes also is the author of several hurricane-related books (<http://www.uncpress.unc.edu/hurricanes/>).

Alumnus **Monty Montague**, IDSA (BEDP 1980) and his firm BOLT won a 2004 Catalyst Award Honorable Mention for the SPOT Endoscopic Marking System developed for G.I. Supply. The SPOT provides a method of marking cancerous lesions on the wall of a patient's stomach or colon during an endoscopic procedure. The mark provides a reference point for subsequent removal of the tissue.

Elizabeth Lundberg Morissette (BEDN 1994) had her work featured in a *Washington Post* (March 24, 2004) article "Weaving Throwaways Into Tapestries." A resident artist and weaving instructor at the Greenbelt Community Center in Maryland, Morissette's solo show was held at the Greenbelt Municipal Building in March. Her unique works are created from things she collects and recycles.



George Nicholos, AIA, (BEDA 1982) passed the Virginia Bar Exam in February 2004 and is now an attorney in Virginia, and will complement his

(continued on page 24)

(continued from page 23)

architectural practice in forensics architecture with The TAF Group in Virginia Beach, Va.

The North Carolina Educational Facility Planners Association selected **Katherine N. Peele**, FAIA, (BEDA 1987, B.Arch. 1988) as the "2004 Planner of the Year." The Planner of the Year award is presented annually to the individual whose professional facility planning activities have produced a positive and significant impact on educational facility planning, adding to the store of knowledge and best practices in the field. Katherine Peele, FAIA, is a principal with Boney Architects and manages the firm's Raleigh office and serves as principal architect for K-12 design projects.

Design Friends Band Together To Remember Friend

A group of College of Design alumni are using their design talents to honor the memory of a classmate.

Maggie O'Toole Ouellette (BGD 1997), Kristy Norfolk Timberlake (BGD 1997), Katie Martelle Martin (BGD 1998, BID 1998), and Fran Eargle Owens (BEDA 1997, BGD 1997) have created handbags, jewelry, journals made with handmade paper and other crafts, which are sold to benefit a scholarship for a Hickory High School senior to attend NC State. The crafts are made with love in memory of Melissa Fry who was diagnosed with cancer during her freshman year at NC State. Fry lost her battle with the brain tumor eight years later.

The four classmates and friends established the scholarship in 2002. According to Ouellette (BGD 1997), a holiday arts and crafts sale was held at downtown Raleigh's Ornamentea in December 2003 to raise money for the scholarship fund. It was such a success, the four friends plan to make and sell items again this year.

Henry H. Pope III, (BLAR 1971), was selected as the U.S. Army Corps of Engineers Landscape Architect of the Year for 2003. Each year the Corps of Engineers honors an architect, landscape architect and interior designer with professional awards based on their demonstrated excellence in design, mentoring fellow professionals, and for service to their professions and communities. Responsibilities of these positions include a two-year appointment to the U.S. Army Corps of Engineers Architectural Design Advisory Committee, the honor of judging the nominees of this program in the following year, and serving as a juror for the Corps National Design Awards program.

Pope was recognized for his outstanding technical leadership in the modernization and renovation of parks and campgrounds.



Supporting Pope's award was his design for Burchfield Branch Park on Holt Lake, Ala. (pictured above). This park's natural setting of a tumbling creek within a small box canyon flanked by sheer stone cliffs inspired Pope to replicate the rustic character of parks developed by the Works Progress Administration.

Theresa Joan Rosenberg (B.Arch. 1970, M.Arch. 1971), architect and attorney, was the 2004 recipient of the Frank Turner Award given at the annual State Construction conference. This award is given each year at the annual conference of the four major design professional associations in the state — the American Institute Architects – N.C.; Consulting Engineers Council of N.C.; Professional Engineers of N.C.; and American Society of Landscape Architects — to a state official who has significantly contributed to the state's built environment. Candidates must have a minimum of 15 years service with the state and be registered as an architect, engineer or landscape architect.

Banks Talley (BEDN 1996, MID 2002) began his new job as an assistant professor of industrial design in the Department of Technology at Appalachian State University. Talley will teach junior and senior design

studios and design drawing/ideation. Prior to his appointment at ASU, Talley had been working for Habitat for Humanity of Wake County as a development associate with Director of Marketing and Development **Joyce Watkins King** (BEDV 1979).

Zeynep Toker (Ph.D. 2004) had her dissertation research recognized by the Architectural Research Centers Consortium (ARCC) King Student Medal for Excellence in Architectural and Environmental Design. Recognition is given for "innovation, integrity, and scholarship in architectural and/or environmental design research." Toker's dissertation is titled, "Women's Spatial Needs in Housing: Accommodating Gender Ideologies,

Use Patterns, and Privacy." The award is named in honor of the late Jonathan King, co-founder and first president of ARCC.

Frank Werner, CDT, CCCM, Design Guild Board Member, was promoted to Vice



President of Marketing for Adams Products Company. His new responsibilities include sales activities for the Adams Triangle division and the Products and Markets Division. He also leads the advertising and marketing offices.

Previously, Werner served as Adams' director of marketing and manager of the architectural division.

Carol Wilson (BEDA 1976) had an article, "Writer's Studio," published in the Spring 2004 issue of *Wood Design & Building* magazine. Wilson is principal of Carol A. Wilson Architect, Falmouth, Maine.

In Memoriam

S. Aaron Allred

S. Aaron Allred, 75, who received his bachelor of architecture in 1953 from the School of Design, died March 18, 2004, at High Point Regional Hospital. Mr. Allred was one of the first students to attend the School of Design after it was formed in 1948. He went on to have a distinguished career in architecture.

Mr. Allred and his partner, Ray Mercer, formed the firm of Allred & Mercer, AIA and opened an office in Thomasville, where the first major commission was the State Commercial Bank. The firm moved to High Point, where it continued until the retirement of both partners. They served as principal architects for High Point University, Guilford Technical Community College, Davidson County Community College, High Point Bank, and several public schools in Guilford and Davidson Counties. Mr. Allred was a member of the American Institute of Architects on the national, state and local levels. He was past president of the Piedmont Chapter of the AIA and a member of the North Carolina Board of Architecture.

Mr. Allred's family made a major gift in his memory for the renovation of the entrance gallery to the auditorium in Kamphoefner Hall. Approved by the NC State University Board of Trustees, it will be named the S. Aaron Allred Entrance Gallery. The entrance gallery will serve as a premier exhibition and gallery space for all events taking place within Kamphoefner Auditorium.

Hank Skokowski

Hank Skokowski, who received his master's in urban design in 1974 from the college, was tragically struck while riding his motorcycle through Australia.

A memorial service was held for Skokowski Saturday, February 28 in West Palm Beach, Fla.

For the previous month, Skokowski had toured New Zealand and Australia on his motorcycle. He was President of Urban Design Studio in West Palm Beach, Fla., which he formed about 26 years ago.

Students

Ph.D. Candidate **Kenneth Daryl Carrington**, AIA, NCARB, received a National Association of Homebuilders Gold Award for Mid-size Congregate Care Communities, 2004. Carrington was recognized for Woodland Terrace Retirement Community in Cary, N.C.

Will Dewitt and **Greg Melton**, seniors in architecture, placed third in the 2004 North Carolina Sustainable Building Design Competition. The team included Jonathon Wagner from ECU. Georgia Bizios served as faculty advisor. Fatih Rifki and Pat Rand were consulted for this project as well. Their entry was exhibited in Brooks Hall this summer.

Stephanie Eason, art + design senior, received an honorable mention for her "Gift Wrap for the Modern Girl" at the SURTEX 2004 International Student Design Competition. The winning and honorable mention entries were on display in May during the 19th annual edition of SURTEX in New York City.

Ryan Hall, art + design senior, currently has an exhibition of 15 of his works in NC State's Student Health Services building. The exhibition includes paintings, illustrations and sequential art. Beginning this fall, Hall is co-director of The Fish Market.

Hall impressed his summer studio instructor Bong-Il Jin with his transportation design, as well. He



designed a three-dimensional vehicle based on human emotions and manifested it into a human form—he transformed the emotion of anger into transportation and calls his creation "The Road Rage" (above).

Two graphic design students were recently accepted into the Golden Chain Society. Application was by invitation only and extended to select students university wide. And of the 12 new inductees, the College and the Graphic Design department can claim two: **Anna Huddleston** and **Kerry Robinson**, both seniors this fall.

Michael Layne, Ph.D. candidate in Community and Environmental Design, taught *Sociology through Photography* in Los Angeles during January term 2004. The course is offered by the department of Sociology, Anthropology, and Social Work at Whittier College. Students use visual imagery to study social processes with a focus on how the design of urban public spaces influences people's social interaction.

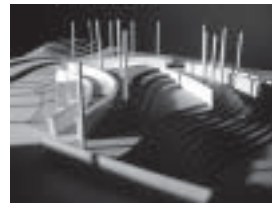
Layne currently serves on the board

of the Environmental Design Research Association, a professional association dedicated to environment and behavior research.

Industrial Design Graduate Student **Judy Lee** has had one of her designs accepted for production by Children's IKEA, scheduled to be launched March 2006. The interactive playmat was created to stimulate sensory impressions in young children and to encourage movement while at home.

Lee says, "I tried to stand up on my sit and spin when I was little, but was never able to." Her spinning design that is integrated into the playmat has become the toy she always wanted. Lee had the opportunity to interact with product developers to discuss the details of implementation. Considerations for the design included style and color trend analysis, manufacturability, assembly, cost, packaging, and shipping. She also worked closely with engineers on solid modeling, manufacturing materials and processes, and engineering party design, which is right up her alley...her undergraduate degree is in mechanical engineering.

Landscape Architecture Fundamentals students of Professor Fernando Magallanes produced models and drawings



of conceptual possibilities for a children's garden. The North Carolina Museum of Art hopes that such a garden would accommodate the needs and offer inspiration to the many North Carolina children and their teachers who attend the museum. The studio was informed and educated on child related issues by Robin Moore and Nilda Cosco of the *Natural Learning Initiative*.

Anne McInnis, a master's student in landscape architecture, won first prize in the 2004 Earth Day Contest sponsored by the campus sustainability organization. The goal was to produce a design that would increase sustainability on the NC State campus. Judges included Vince Foote, industrial design, and Will Hooker, horticulture.

While students this spring, recent Industrial Design graduates **Chuck Messer** (MID 2004) and **Jesse Crossen** (BID 2004) built a hyperbolic paraboloid model during their last semester at the request of Disability Student Services on campus to accommodate a vision-impaired student in math class. Developing the model helped the student visualize just what the structure would look like, complete with grid.

Emily Nyberg, a senior Anni Albers Scholar, was awarded a summer internship at the North Carolina Museum of Art. During the seven weeks, she visited museums in North Carolina, worked with staff on individual projects in education, curatorial work and design, and researched and led a gallery talk on a piece in the museum. Nyberg was selected along with interns from UNC-CH, Meredith and Saint Augustine's colleges and

Furman University in the studies of Art, Art History and Graphic Design.



This spring Industrial Design Senior **Jesse Rademacher** won 4th Place in the New York Auto Show Design for Safety Competition for an innovative traffic safety system. It is a traffic light system that applies current technology (GPS and LED lights) with design for immediate feasibility and impact. Rademacher received \$1,000 and roundtrip airfare to New York and accommodations to attend the awards ceremony on April 15. Rademacher's instructor, Associate Professor Bong-Il Jin, received \$250.

Tracy Spencer (BAD 2004) was the recipient of the Dean's Award during commencement exercises in May. While enrolled at the College of Design, Spencer was a DaVinci Scholar double majoring in Art + Design and history. She held various offices in Design Council and launched Dinner with the Dean and served as director of The Fish Market.

Ph.D. Candidate **Cynthia F. van der Wiele** (MLAR 1992), received the *Best Student Paper Award* Honorable Mention at the 10th International Symposium for Society and Resource Management held June 2-6, 2004, in Keystone, Colo. Her paper, "Understanding

the adoption of sustainable natural resource management practices in the milieu of chronic conflict and political instability: a case study of smallholder households in Nimba County, Liberia," was based on her dissertation research.

PhD Students Showcase Work at International Conferences

Ph.D. in Design faculty and students had several opportunities to showcase their scholarly efforts in various international conferences this summer.

At the Environmental Design Research Association (EDRA) 35th Annual Conference held in Albuquerque, New Mexico, on June 2-6, 2004, Professors Henry Sanoff and Robin Moore and Ph.D. students **Evrin Demir**, **Marcelo Guimaraes**, **Mine Hashas**, **Orcun Kepez** and **Aydin Ozdemir** presented eight individual and collaborative projects in various sessions.

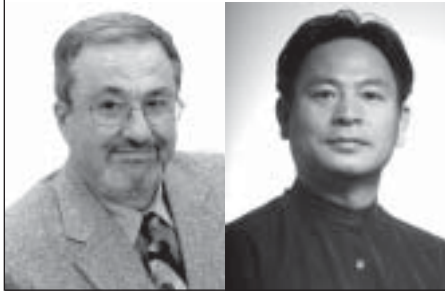
Members of the Ph.D. community had a good presence at the International People-Environment Studies (IAPS) Conference #18 held in Vienna, Austria, on July 7-9, 2004, as well. Professor Fatih Rifki and Ph.D. students **Sudeshna Chatterjee**, **Evrin Demir**, **Orcun Kepez** and **Virginia Sullivan** presented a total of three papers and four posters at this conference.

faculty & staff

Congratulations to two faculty members who successfully completed the promotion and tenure process at NC State.

Fatih Rifki (left) was promoted to full professor of architecture.

Bong-II Jin (right) was promoted to associate professor of industrial design with tenure.



Director of the School of Architecture **Thomas Barrie**, AIA, presented "Architecture as a Medium of Inner Work: Jung's House in Bollingen" on May 21 in Chapel Hill.

Peter Batchelor, architecture, was selected as honorary grand marshal at the 70th Independence Day Parade in Dundalk, Md. Batchelor has led his students in revitalization projects for Dundalk.

Bryan Bell, architecture, appeared in *The International Design Magazine* (I.D.)

in the January/February 2004 issue. His design/build project in Seaboard, N.C., was featured in the summer issue of the NC State alumni magazine as well.

Gail Peter Borden, architecture, was selected by the Architecture League of New York as one of the six winners of their Young Architects Forum. Winners were chosen from the U.S., Canada and Mexico and were invited to exhibit and give a public lecture in May. The April issue of *Architecture Magazine* included an article on his Enclosure House. Borden lectured at the AIA National convention in Chicago on June 9. Borden was fulfilling his artist in residency at the Chinati Foundation (founded by the minimalist sculptor Donald Judd) in Marfa, Texas, during the summer. Additionally, he was chosen as an alternate for the 2004-2005 Rome Prize.



Susan Brandeis, art + design, had an article published in the Summer 2004 issue of *Surface Design Journal*. It was an edited version of a presentation she gave during the June 2003 Surface Design Conference in Kansas City.

The Robert Wood Johnson Foundation (RWJF) has awarded a \$25,000 grant to

the NC State University College of Design on behalf of NLI Education Specialist **Nilda Cosco** to support her research investigating the association between different types of play areas in child care centers and physical activity among children ages three to five. The grant was made under RWJF's Active Living Research national program.

Chandra Cox, art + design, and Dr. Linda Bolton, literary ethicist with the University of Iowa Department of English, are recipients of an Obermann Center for Advanced Studies Interdisciplinary Research Grant. The \$12,000 grant allows the two professors to collaborate for one month at the University of Iowa's Obermann Center on their new research investigating "The History and Artistry of African American Quilts."

This spring, Cox presented work and lectured on children's book illustration at the Art Department at Appalachian State University and exhibited her work, "The Doors of No Return," as part of a three-woman exhibition *Memory and Oblivion: Legacies of Enslavement in the Americas* at the Tubman Museum in Macon, Ga. The exhibit ran from March 11 through May 2, 2004.

Graphic Design Department Chair **Denise Gonzales Crisp** was invited to Australia as a visiting lecturer and reviewer at Royal Melbourne Institute of Technology (RMIT) in the Postgraduate



Lynn Crisp retired in May from the College of Design library after 30 years.

Master of Design by Research program, July 26-30, 2004.

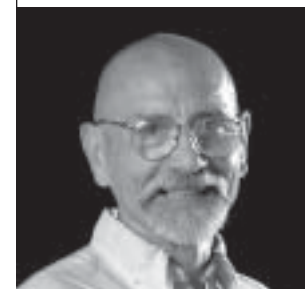
Meredith Davis, graphic design, was named an Alumni Distinguished Graduate Professor. The award is based on courses taught, success of graduates, curriculum innovation, contributions to the field, and more. Colleges selected a nominee to be considered for the university award. Davis is one of two university recipients.

Lope Max Díaz, art + design, received a Medal of Arts Award from the City of Raleigh Arts Commission in June.

Dick Duncan, center for universal design, was the keynote speaker on a June 30 national webcast produced from the headquarters of the U.S. Department of Health and Human Services in Washington, D.C. The webcast was titled, *Second Symposium On Housing for Persons with Disabilities: Understanding Universal Design and Access Modification*.

Amy Frisz, external relations, joined the staff this summer as the College of Design's career counselor. Frisz consults with students about their portfolios and resumes. Also, she communicates with

Vince Foote Receives Prestigious Holladay Medal



The NC State University Board of Trustees has awarded the Alexander Quarles Holladay Medal for Excellence to five faculty members in recognition of their outstanding careers at NC State. The Holladay Medal is the highest honor bestowed on a faculty member by the trustees and the university. Professor of Industrial Design Vince Foote is one of this year's recipients.

employers about job positions. Please go to the new design career page at www.design.ncsu.edu/careerservices/.

Charles Joyner, art + design, and colleague Alexis Joyner exhibited works during a joint exhibition titled "Parallel Journeys" at the Fine Arts Complex at Elizabeth City State University in February.

Glenn Lewis, industrial design, was featured in a story on the IDSA web site for his work in Ghana (as featured in the Spring 2004 *news*).

Marvin Malecha, dean, has been named to the Downtown Raleigh Alliance (DRA) board of directors. The DRA is a nonprofit organization of downtown Raleigh.



Vita Plume, art + design, displayed her work at the 2nd European Triennial of Textile and Fibre Art: *Tradition and Innovation* in Riga,

Latvia, from August 10 until September 19. This large, international juried exhibition featured 84 works from 257 submitted entries. In May, Plume's paper, *Concept + Technology*, was selected to be part of the *Creativity: Designer Meets Technology Conference* held at Philadelphia University. The School of Textiles and Materials Technology and the Office of Continuing and Professional Studies sponsored the conference.

(continued on page 30)

(continued from page 29)

Patrick Rand, architecture, taught at the 2004 University Professors' Masonry Workshop held in March at NC State.

As the President of ARCC our Associate Dean for Graduate Academic Affairs and Ph.D. Program Director Professor **Fatih Rifki** delivered one of the two opening/welcoming addresses at the European Association of Architectural Education (EAAE) – Architectural Research Centers Consortium (ARCC) Joint Research Conference. This conference, which is a bi-annual happening that alternates its venue between North America and Europe, was hosted by the Dublin Institute of Technology and was held in Dublin, Ireland, on June 3-5, 2004. Professor Rifki also presented a paper at the conference on the research work he has been conducting in collaboration with Ph.D. students Evrim Demir and Orcun Kepez.

Director of the Center for Universal Design **Laurie Ringaert** is a member of the editorial board of *Diversity in Design*, the journal of inclusive design education. Ringaert also had a chapter called "History of Accessibility in Canada from the Advocacy Perspective" published in the book *Making Equality: History of Advocacy and Persons with Disabilities in Canada*.

Henry Sanoff, architecture, retired at the conclusion of the spring semester. In honor of his retirement, Gary Coates, professor of architecture at Kansas State University, presented "All Tradition is Change: Deconstructing Carl Nyren's Vytlycke Museum." Sanoff notes that Coates was one of the first M.Arch. graduates from the college.

Department Head of Landscape Architecture **Achva Benzinberg Stein** is developing a landscape plan for the new Roanoke River Lighthouse just west of downtown Plymouth, N.C. Not only has Stein taken on the project, she is lauded in an editorial of the *Roanoke Beacon* by Gary Cunard for giving good advice for the town to "Think Big!" An article about the project also appeared in the *Roanoke Beacon* in January.

Wayne Taylor, professor emeritus in architecture, exhibited 35 works in the Raleigh Municipal Building from mid-January to mid-March this year.

Associate Professors **Cymbre Raub** and **Kristen Schaffer** are the College of Design recipients of the 2004-2005 NC State University Faculty Research and Professional Development awards.

David Stein to Head Architectural Survey in Currituck County through University's Gateway Project

Through the efforts of a new outreach program from NC State University called "GATEWAY," the local Cooperative Extension Center is able to access university resources from all of the 10 colleges. According to Rodney Sawyer, County Extension Director, the concept is not new but is now formalized to provide greater accessibility and transfer of knowledge and services throughout the University System that includes more than traditional areas for Cooperative Extension.

THANK YOU

The College of Design relies on the support of individuals, firms, companies and foundations to benefit a variety of college activities. The following is a list of donors to the NC State University College of Design from July 1, 2003 through June 30, 2004. While space limitations only allow listing those donors who contributed \$100 or more, we appreciate the generous support of all the college's alumni and friends. Please accept our deepest apologies for any errors or omissions.

DESIGN GUILD is an association of alumni, friends, design professionals and industry leaders established in 1996 to promote design education at the NC State University College of Design through private contributions and gifts. If you would like to join this important supporting group of the college, please send your donation in the enclosed envelope provided in this magazine.

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All **LECTURES** are held in the auditorium in Kamphoefner Hall at 6 p.m. and are co-sponsored by AIA-Triangle and the School of Architecture at NC State University. A reception follows the lecture. AIA CES credits are provided.

EXHIBITIONS are featured in the Brooks Hall Gallery.

VISITORS are encouraged to verify time and location of events, which are subject to change. For more information, call 919/515-8313 or sign up for DESIGNlife, an e-newsletter at www.design.ncsu.edu (link to "news").

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For more details, go to www.design.ncsu.edu/events.

2004

August 17- October 8
 Brian Shawcroft Photography Exhibition Fifty 50

September 18
 Architecture Registration Examination Preparation
 Course: General Structures and Lateral Forces

September 20
 Architecture Lecture: Randall Croxton, FAIA

October 13-November 6
 Open House Exhibition

October 16
 University Open House

Architecture Registration Examination Preparation
 Course: Materials and Methods

October 30
 BASH

November 1
 Architecture Lecture: Jonathan Segal, FAIA
 Scholarship Reception

November 7-December 4
 Art + Design Relief Sculpture Show

November 12-14
 Architecture Registration Examination Preparation
 Course: Graphics Division: Site, Planning & Technology

November 16
 Practitioners Convocation

December 5-18
 Graduation Show

December 15
 Commencement Exercises

2005

January 14 - February 5
 College of Design Admissions Exhibition

February 5
 Designing Communities for Healthy Living
 Conference
 Sheraton Capital Center, Raleigh

February 6 - March 12
 Exhibition: Architecture Mechanisms by
 Gail Peter Borden

February 26
 Design Guild Dinner, Exploris

March 13 - April 2
 Art + Design Painting Exhibition

April 3-22
 Graphic Design Exhibition

April 23 - May 8
 Graphic Design Senior Exhibition



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