

ART + DESIGN : NEWS + NOTES

COLLEGE OF ARCHITECTURE AND DESIGN – NEW JERSEY INSTITUTE OF TECHNOLOGY – NEWARK, NEW JERSEY – MAY 2011

Interior Design Students Are Winners in 2011 IDEC Competition for Community Healthcare Facilities



For the first time, NJIT entered the Annual Interior Design Educators Council (IDEC) Student Design Competition and won two of three awards from the East Region competing against schools from New York, Pennsylvania, Rhode Island, Connecticut, Massachusetts, New Hampshire,

and New Jersey as well as Eastern Canada. *Highlander Health Clinic* created by the team of **Hyungshin Stephanie Kim, Mina Liba, and Melissa Pereira** and the *Community Care Clinic of Newark* created by **Peter Khalil, Tristan Pashalian, and Ida Torres** both advanced to the national judging at the Annual IDEC Conference in Denver, Colorado. 274 students from 38 schools entered the competition.

Five teams of third year students each spent the first two weeks of the spring semester working on the project guided by a team of three in-studio critics. The first week was spent in the performance of demographic and subject specific research. The design project itself was accomplished during one intense week of programming, designing, writing, and rendering. Faculty Advisor **David Brothers** worked with **Lorenzina Laera** and **Glenn Goldman** in providing guidance along the way.

The team of Pashalian, Torres, and Khalil (pictured below) won third place overall in the national judging.



Samantha Tartaro and Sara Jane Rin Showcase Industrial Design Work at Earth Day Fair in NYC



In celebration of Earth Day 2011, Tishman Construction and Silverstein Properties sponsored the **Earth Day Education Fair** outdoors in the Plaza in front of 7 World

Trade Center in New York City on April 15. Among the projects displayed were two sustainable playgrounds designed by third year Industrial Design students **Samantha Tartaro** and **Sara Jane Rin**. The two, who created the work in design studio with their critic **Ran Lerner**, exhibited proposals for low-cost playground equipment for a site in Thailand created with local materials of bamboo, rope, and recycled tires.

Collaboration Between Biomedical Engineering and Industrial Design Students Achieve Results



A joint capstone project connecting fourth year Biomedical Engineering and Industrial Design students has resulted in viable products with the potential to have positive impacts on people's lives. Graduating design student **Anisha Satyarthi** and her colleagues developed portable devices with disposable strips to measure

the pack cell volume (pcv) of a drop of blood for those individuals prone to internal bleeding. In order to counter any perceived or real stigma associated with illness, the two proposed designs - one resembling a cell phone the other a pen - are developed to accommodate personal discretion and inhibitions. The proposals, tests, needs, and designs are the result of a collaborative effort and have received a provisional patent.

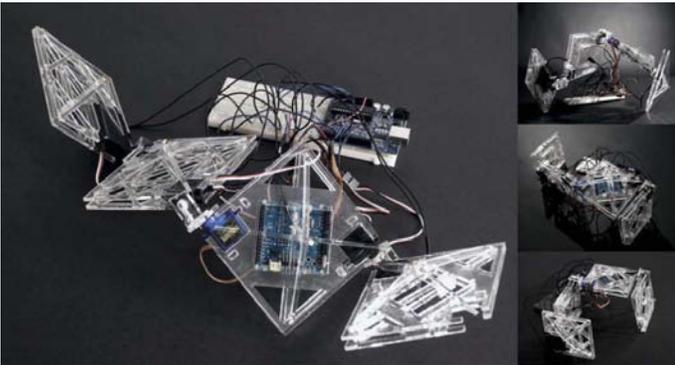
Narahara and Zarzycki Present Papers at 2011 ACADIA Regional Conference in Lincoln, Nebraska



Assistant Professors **Taro Narahara** (Digital Design) and **Andrzej Zarzycki** (Architecture and Digital Design) each presented a paper at the first regional conference held by the Association for Computer-Aided Design in Architecture (ACADIA) last month.

Narahara presented “Beyond

Quantitative Simulations: Local Control Strategy Using Architectural Components” in which he continues his work in physical computing as he wrote about responsive environments with the use of sensors and microcontrollers. Zarzycki presented “Form-making Without Form Making” in which he expanded the use parametric design principles to include such fluid and dynamic elements as light and even cloth simulation. Additionally, Zarzycki served as Session Chair for *Forms that Matter*.



Physical computing - Taro Narahara

David Brothers Presents Paper at IDEC Conference



Assistant Professor of Interior Design **David Brothers** presented “A Case Study Analysis of The Influence of Site as a Generative Design Strategy for Interior Design Education, co-authored with Peter Greenberg. This analysis

of the American University in Cairo, Egypt considers how site issues can generate the spatial and physical character of interior design projects.

Matthew Gosser Exhibits at Solo(s) Project House



Newark-based artist, designer, Curator of the College of Architecture and Design Gallery, and adjunct faculty member in the School of Art + Design, **Matthew Gosser** created “*Real Love*” with old medical dummies and abandoned medical equipment. The project began as an archiving and historical exploration of the abandoned St. Francis Hospital in Jersey City, New Jersey. During the

on-site investigation, Gosser began to pose the dummies in positions that have been described as both “explicit” and “disturbing”. Ultimately, this led to the six-week long exhibit at the **Solo(s) Project House** in Newark. Said Gosser, “*Here, the beauty comes from arranging artifacts into meaningful compositions that mirror human intimacies. If dirty and damaged dummies can find love in a forgotten hospital then there has to be hope for the rest of us, right?*”

Glenn Goldman Elected to IJAC Editorial Board



Director of the School of Art + Design, Professor **Glenn Goldman**, has been elected by the membership of the Association for Computer-Aided Design in Architecture (ACADIA) to serve a two-year term on the editorial board of the International Journal of Architectural Computing

(IJAC). Goldman previously served as an elected representative on the ACADIA Steering Committee and was the organization’s sixteenth president.

College of Architecture and Design to Evaluate 3D Mouse by 3Dconnexion



3Dconnexion, the world's leading provider of 3D mice for design and visualization professionals, have established a relationship with the **College of Architecture and Design** to evaluate the pedagogical and

educational implications of integrating the use of 3D mice in digitally-intensive design fields. **Peter Mancini**, Educational Sales Manager of 3Dconnexion, announced the agreement in April and has provided a group of faculty and staff at CoAD with 3Dconnexion's *SpaceExplorer* for testing. The NJIT team, led by **Glenn Goldman**, Director of the School of Art + Design, will assess the benefits and drawbacks of using 3D mice in a variety of academic applications for architecture, interior design, digital design, and industrial design as well as its use in the creation of digital art. The group includes **Michael Kehoe** who will investigate durability and ease of deployment in an academic network and faculty members (and designers) **John Cays**, **Taro Narahara**, **Augustus Wendell**, and **Steve Zdepski**. Selected students will also be invited to participate in the testing. The 3D mouse provides an alternate way for designers to interact with computer-generated three-dimensional content.

Ran Lerner Speaks at International Home + Housewares Show at McCormick Place, Chicago



Industrial Design Adjunct **Ran Lerner**, principal of Ran Lerner Design in New York gave a lecture titled "Designing for Mass Production While Keeping Your Soul Intact" on March 6 at the 2011 International Home +

Housewares show. His presentation examined the functional aspects of "high design" translated into the consumer product mass market.

2011 Design Showcase Highlights Work



The College of Architecture and Design held its **Sixth Annual Design Showcase** with a display of student and alumni work. The affair combines continuing education lectures, vendor exhibits, exhibit of selected student and alumni professional work, and reception in a fundraising event to support the programs and students in the College of Architecture and Design. This year the lectures were given by Industrial Design Assistant Professor **Brooks Atwood** and founding partner of *SHOP Architects* in New York City, **Gregg Pasquarelli**.

Autodesk Presents BIM/Revit Seminars for Second and Third Year Interior Design Students



John Herridge, AEC Education Solutions Specialist for *Autodesk, Inc.* provided a series of on-site seminars and tutorials for both Interior Design instructors and

students. Because students in the Interior Design program become familiar with Building Information Modeling (BIM) as freshmen, and use it in the design studio throughout their academic career, Herridge was able to present advanced topics in rendering, pre-visualization, animation, and integration of analytical tools during the design process. Additionally, he worked with the Autodesk-trained Student Experts at the College of Architecture and Design who provide assistance year-round to other students.

Sophomore Interior Design Student Plays for NJIT Championship Hockey Team



NJIT won the Division II championship of the *Great Northeast Collegiate Hockey Conference* with a come-from-behind 3-2 overtime victory over Muhlenberg College in the final playoff game. **Ryan Calabro**, second year Interior Design student from West Paterson, NJ plays left wing for the Highlanders. This is the fourth year in the league for the club team that plays in the Eastern Division along with Long Island University, C.W. Post, LaSalle, Princeton, Rutgers, and the University of Pennsylvania. Muhlenberg finished the regular season in first place in the Western Division and overall.

Graduating Industrial Design Student Part of Design Team that Wins First Place in Global Pet Expo



Joe Kasper, fourth year Industrial Design student from South Brunswick, NJ with an internship at *J.W. Pet Company* in Teterboro, was part of a design team that produced the first place winning entry at the 2011 Global Pet Expo in Orlando, Florida where more than 3,000

new products were launched in March. The toy, an inventive combination of two existing toys produced by J.W., won first prize for dog toys in the New Product Design Showcase. Kasper was responsible for the large-scale display model used in the Showcase. Using Dassault Systèmes *SolidWorks*, he increased the scale of the toy six times, created sections that would fit J.W.'s digital 3D printing capabilities, and spent two days building the pieces. The final model was finished by hand, assembled, cleaned, primed, painted, and prepared for display.



Digital Design Industry Speak Seminar Series



The Spring 2011 Industry Speak Seminar Series started with **Dan Lane** of *goodeye video* in Brooklyn, New York who met with students and faculty in an

informal setting and spoke about doing work for non-profit organizations and educational communities. He discussed his work and the route he took in the establishment of his independent practice. Lane's client list ranges from Barnard College in New York City to Building Futures, Inc. whose mission is to aid in the education of impoverished Kenyans through building schools and caring for students.



The Rooster Design Group was represented by principal **Fernando Music** on April 4. The firm is a multi-disciplined firm that specializes in branding

and marketing, web design, interactive environmental design, print communications, and social media. Their wide list of clients includes Alloy Entertainment, Early Bird Foods & Co., Friends of the High Line, iCi Restaurant, Prudential Douglas Elliman Developments, IFC Entertainment, K. Hovnanian Homes, Marianne Boesky Gallery, Toll Brothers, Penguin Young Readers, Silvercup Studios, and others. *The Rooster Design Group* actively supports start-up businesses through the annual "Next Big Small Brand Contest".

Ran Lerner Design Introduces New Product for Polder



Product/Industrial Designer and adjunct faculty member **Ran Lerner** has released the "tissue pad" for *Polder* - a tissue box cover integrated with a storage tray. The product is available online this summer and from *Crate & Barrel* and *The Container Store*.

Second-Year Interior Design Students Hosted by Philips Lighting for Full-Day Educational Program



A group of twenty students and four faculty members led by Interior Design Program Coordinator **Prof. David Brothers** traveled to the Somerset, New Jersey headquarters of Philips

Lighting where they attended seminars offered by **Dan Blitzer** (shown above), principal of *The Practical Lighting Workshop LLC* and principal faculty at the *Philips Lighting Application Center*. Utilizing the Philips Lighting Lab in discovery exercises, attendees were able to gain a visceral understanding of uses, impacts, and opportunities with halogen, compact fluorescent, and LED lamps and controls. Sessions covered topics such as “Perception and Psychology of Light and Color” and “Lighting for Visual Impact”. Philips Lighting is part of Netherlands-based *Koninklijke Philips Electronics N.V.*



Lorenzina Laera Designs Hand, Cuff and Foot Surface Contamination Monitor



Adjunct faculty member **Lorenzina Laera** has designed a contamination monitor for world-wide use in providing measurement solutions and expertise for nuclear safety and security, radiological emergency response, and environmental monitoring. The modular

instrument allows for a variety of configurations and is compliant with standards associated with the European market. The monitor operates with PC-based intuitive software.

College of Architecture and Design gets Old School with Japanese Martial Arts Seminar



The College of Architecture and Design (CoAD) Gallery was transformed into a Japanese dojo for a weekend martial arts seminar featuring **Tobin Threadgill**, **Menkyo Kaiden** (license of full transmission) and Kaicho (Headmaster) of Takamura ha Shindo Yoshin Ryū (TSYR). The only non-Japanese ever

fully licensed as headmaster of a recognized koryu (old school) system, Threadgill Sensei taught Nairiki no Gyō (Internal Strength Training) and basic jūjutsu from the school’s public curriculum to illustrate relationships between specific skills and principles developed in the Nairiki and their technical applications.

The 3-day seminar was organized by **Frederick Kōtsū Little**, faculty advisor for the NJIT Budokai and Graduate Program Manager for CoAD. Participants came from as far away as Tasmania – and ranged from beginning aikido students to high-ranking instructors from other dojo across the United States.

Dominika Tarkowska Teaches Art to Children while Studying Industrial Design at NJIT



Like many students in the School of Art + Design, graduating senior in Industrial Design, **Dominika Tarkowska** is an artist, designer, and entrepreneur. Tarkowska spent three years studying art in Krakow, Poland before moving to the United States. She is a part-time art teacher as she instructs

her young students, ages 8 to 14, in a variety of media and offers a well-rounded art education that includes art history, field trips to museums, building and interacting with three-dimensional structures, craft projects, and field sketching. Tarkowska, a permanent fixture on the Dean’s List, also entertains and paints faces at children’s parties on weekends – all while diligently and passionately working to complete her studio-based design degree at NJIT.

Cambridge Silversmiths Sponsors Studio-Based Industrial Design Competition



Cambridge Silversmiths, Ltd. of Fairfield, New Jersey sponsored a “table top collection” design competition for the second-year industrial design studio taught by **Ran Lerner**. The five-week project required each student to design and create prototypes of at least four pieces that would be part of a new

collection of table top items. Students were able to choose from a wide range of acceptable items that included salt & pepper shakers, glassware, wine coolers, trays, pitchers, and more. Cambridge Silversmiths donated \$1,000 to defray cost of materials of the digitally printed and hand-finished models required as part of the submission. Multiple media were used in the design of the products – from freehand sketching to precise digital models used for fabrication. A first prize of \$1,500 and two honorable mentions of \$500 apiece will be awarded by the company after the selection is made during the summer months. The judging will be organized by Senior Designer **David Tierney** (pictured above) who participated in the final review and student presentation at the end of the term.

Cambridge Silversmiths is a leading flatware source for many major retailers including Walmart, Crate and Barrel, William Sonoma, Pottery Barn, Nieman Marcus, Bed Bath & Beyond, Federated Dept. Stores, Saks Dept Stores, J.C. Penney, Sears, and Target. It is a licensee for Robert Welch Designs, Farberware, and Fiesta and creates private label products for the Palm Restaurant, Food Network, Better Home and Gardens, and Cindy Crawford. The products, designed in the United States, are manufactured in 25 factories, principally located in Korea and China.



Industrial Design Furniture Fair Takes Over Ballroom Lobby at NJIT Student Center



Third-year industrial design students presented and displayed full-size prototypes of chairs designed in the spring studio of Assistant Professor **Brooks Atwood**. The Fair kicked off with an opening celebration and student presentations attended by **Robert McNeel** and **Brian James** of **McNeel & Associates**, creators of *Rhino* software which was used in the design of the projects.

