

ART + DESIGN : NEWS + NOTES

COLLEGE OF ARCHITECTURE AND DESIGN – NEW JERSEY INSTITUTE OF TECHNOLOGY – NEWARK, NEW JERSEY – MAY 2016

Interior Design Alumna Shares Career Advice with Future Graduates



School of Art + Design alumna **Tatiana Duarte '14** gave a presentation to Interior Design students on April 21st about the transition from

being a student to a professional in a large design firm. Currently a Designer at *Gensler*, Duarte discussed how she uses what she learned at NJIT as an interior designer, with a focus on commercial interior design. She spoke about the design process in a multi-disciplinary firm and the relationships with colleagues, clients, consultants and industry representatives.

Princeton Review Names NJIT Among Top Schools for Video Game Design



NJIT ranked 32nd on *The Princeton Review's* 2016 list of top 50 undergraduate schools to study game design, and was among the top 10 in public universities. The collaboration between NJIT's Digital Design program in the School of Art + Design and the Information

Technology program (Game Design Specialization) offered by the Ying Wu College of Computing Sciences is an acknowledged strength of the only New Jersey school to be on this list.

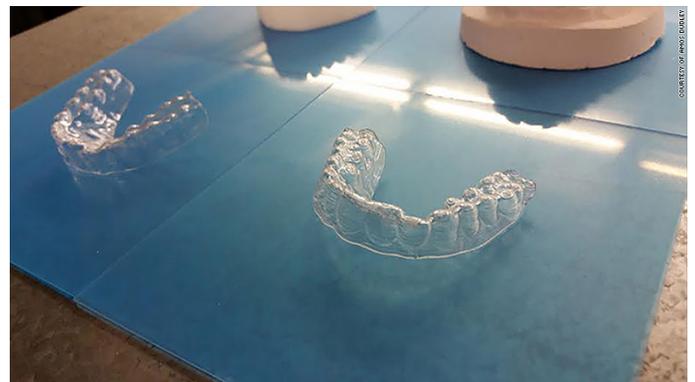
The ranking is based on factors important to prospective students that included academic offerings, graduates' starting salaries and successes in working for game design companies, faculty credentials, facilities and technology available for student use, and opportunities for multi-disciplinary collaboration in game design.

Digital Design Student's DIY 3D Printed Braces Featured on CNN Money, Goes Viral



Fourth-year Digital Design student **Amos Dudley** made national headlines by 3D printing his own clear braces and successfully straightening his smile over 16 weeks. First featured on *CNN Money*, Dudley's story quickly went viral, appearing in the *Huffington Post*, *Buzzfeed*, *Science Alert*, *Daily Mail* and other online news outlets.

Using the 3D printers in the College of Architecture & Design, Dudley's do-it-yourself 3D-printed braces gave him a smile he could be proud to show off for less than \$60 (the cost of the materials), compared to much pricier namebrand clear braces on the market that typically sell for thousands of dollars. As reported by *CNN Money*, although pleased with the results, Dudley has no plans to market his braces or design process. Recently graduated and a member of the Class of 2016, Dudley will begin working for the innovative 3D printer manufacturer, *Formlabs*, in Boston, Massachusetts, this summer. Dudley, whose work was included in the curated Student Work Exhibit at SIGGRAPH in 2014 and 2015, won the annual "Designer of Distinction" award for Digital Design as a sophomore in 2014 and as a senior in 2016 at NJIT, and twice participated in the Greater Newark Mini Maker Faire in 2014 and 2015.



CoAD Students Exhibit at 2016 *International Contemporary Furniture Fair* in New York City



NJIT was one of 14 schools selected to exhibit and provided complimentary space at the 2016 *International Contemporary Furniture Fair* (ICFF), held at the Javits Center in New York City. Thirteen NJIT students – 12 Industrial Design and one Architecture – exhibited

work at the prestigious event: **Raschelle Almonte**, **Fabio Castellanos**, **Niti Dattani**, **Dalal Elsheikh**, **Ryan Heinz**, **Joe Mercurio**, **Audrey Ngo**, **Martha Nuñez**, **Malorie Pangilinan**, **Nahin Shah**, **Amar Sohan**, **Natalia Szabla**, and **Milton Lema** (Architecture).



Supervised by Industrial Design Coordinator and University Lecturer **José Alcalá**, the students exhibited a variety of items that included luminaires (both hanging and desktop), chairs, a whimsical full-length

mirror designed for boutique retail installation, glassware and other items of furniture for residential and commercial use.

Restaurant Impossible: Ambush Taps Student Volunteers from the School of Art + Design



After selecting Interior Design students to work on successful episodes in 2014 and 2015 near Seattle and Pittsburgh, CoAD alumnus **Tom Bury** of *Division 9 Design and Construction* and the

Food Network's *Restaurant Impossible* crew returned to the School of Art + Design to draw volunteers from the Interior and Industrial Design programs to work behind the scenes on a restaurant renovation for Starlite Restaurant and Pizza in West Orange, NJ. Included in the group were Interior Design students **Cheryse Damon**, **Jessica Galati**, **Arianna Milla** and **Pamela Ospina** along with freshman Industrial Design student **Cassidy Lavine**.

Digital Design Student Creates Interactive Avatar for Stage Production of *Hamlet*



In a multi-disciplinary effort, fourth-year Digital Design student **Edward Lopez, Jr.**, working with Digital Design Coordinator **Augustus Wendell** of the School of Art +

Design, University Lecturer **Louis Wells** of the Theatre Arts & Technology program, Network Analyst **Manny Rodriguez**, and Manager of CoAD Computing Resources **Michael Kehoe**, designed a real-time interactive avatar for NJIT's and Rutgers-Newark's joint Spring production of William Shakespeare's *Hamlet*, directed by Wells. Using a Microsoft *Kinect 2* for motion capture and Derivative's *TouchDesigner* for graphics computation, an onstage actor was able to affect and interact with the digital projected avatar in the production that featured an innovative combination of virtual and live stage performances. Digital Design student **Rebecca Cortes**, a dual-degree major in Theatre Arts and Technology, designed the play's poster and graphics.

Annual Design Showcase Held at NJIT

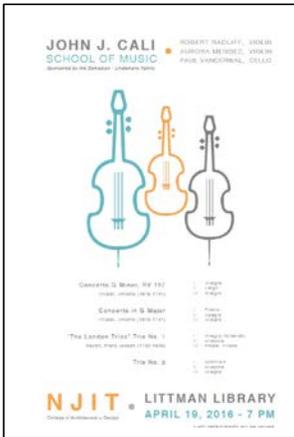


The College of Architecture and Design held its Annual *Design Showcase* in April, bringing together alumni, students, and faculty in an event that combined networking opportunities, mini-trade show, keynote

lecture (by **James Tichenor '99**, a member of the Microsoft HoloLens development team), and a display of professional and student work during an evening reception. This year's showcase saw a significant increase in alumni attendance and work was exhibited from all four design disciplines at CoAD. Included in the exhibit of alumni work was *Brew Watches*, the successful start-up company created by **Jonathan Ferrer '14** (Industrial Design) and work from the Morristown, NJ office of *Gensler* which currently employs both **Banafsheh Soltani '12** (Interior Design) and **Tatiana Duarte '14** (Interior Design).

Awards for best student work in each program are also annually determined by an alumni jury. The 2016 winners from the School of Art + Design were **Nathalie Carrasco** (Digital Design), **Raschelle Almonte** (Industrial Design), and **Pamela Ospina** (Interior Design, above).

Music in the Library



On April 19th, the Littman Library hosted its 4th concert of the *Music in the Library* series. Organized by Littman Library Director **Maya Gervits**, the series featured performances by the Montclair Trio – violinists Robert Radliff and Aurora Mendez, and cellist Paul Vanderwal, affiliated with the John J. Cali School of Music at Montclair State University.

Since the first concert in April 2015, the series has grown in popularity, drawing crowds from CoAD students as well as the larger NJIT community and establishing the Littman Library as a place of cultural and educational opportunities not often possible within a curricular setting. The concert poster was again designed by Industrial Design student **Audrey Ngo**.

The April 19th program featured two “Concertos” by A. Vivaldi and “London Trios” by F.J. Haydn. The highlight of the evening was a riveting encore performance of Carlos Gardel’s “Por Una Cabeza,” which the Montclair Trio dedicated to Ms. Gervits for her support and enthusiasm in making the concert series possible.

Zarzycki Named to Editorial Board of New Journal



Associate Professor of Architecture and Digital Design **Andrzej Zarzycki** was named to the editorial board of the *Journal of Technology | Architecture + Design* (TAD). According to its mission statement, TAD is a publication about building technology “with a particular focus on its translation, integration, and impact on architecture and design.” Zarzycki brings to the board research interests in emerging interactive and augmented reality (AR) technologies as adopted by designers into various industries, as well as experience as a licensed architect. In the School of Art + Design, Zarzycki teaches Digital Design Studio, 3D Character Development, and Interactive and Reactive Environments.

Art + Design Student Work Featured on Synergis Blog



“Looking For Some Design Inspiration?” This was all the introduction needed in the Synergis Blog post featuring twenty projects created by students in the School of Art+Design. The March post included work created with Autodesk software by fifteen different undergraduates in

Digital and Interior Design at NJIT.

Synergis, located in Quakertown, Pennsylvania, is an Autodesk Academic Partner providing various levels of support for commercial installations. The full blog post showcasing all the works can be viewed online at <https://synergiscadblog.com/2016/03/22/looking-for-some-design-inspiration>.

Goldman Appointed to SIGGRAPH Asia Committee



Long-time member of the ACM/SIGGRAPH Education Committee, and past Education Liaison (2013) and Courses Chair (2015), Professor and Director of the School of Art + Design **Glenn Goldman** has been appointed to the *SIGGRAPH Asia Education Committee* for 2016. The upcoming conference will be held in Macao in December.

Interior Design Students Participate in Workshops Held at Philips Lighting Application Center in Somerset, NJ



Second year students in Interior Design attended a full-day workshop at Philips Lighting Lab as part of the Building and Interior Systems course.

Accompanied by their instructor, Senior University Lecturer and Interior Design Program Coordinator **David Brothers** and Associate Dean **John Cays**, the students used the state-of-the-art facility for hands-on experiments, design problems, and to study qualitative aspects of lamp selection including color temperature, color rendition, source type and position, and user perception. The sessions were led by **Mark Roush**, the principal of Experience Light, Fellow of the IESNA, and President Elect of the Illuminating Engineering Society of North America. This was the sixth consecutive year Interior Design students from NJIT were able to work in Philips’ facilities.

Digital Design Faculty and Student Present Grant-Funded Project at NJIT Innovation Day



On April 16th, 4th-year Digital Design student **Amos Dudley** and Assistant Professor for Digital Design **Taro Narahara** presented a digital poster

presentation titled “Turning Physical into Digital: Photogrammetry-based 3D Model Generations and Re-Materialization” at the 4th Annual NJIT Innovation Day. This ongoing project is based on an awarded proposal by Narahara and Dudley’s team. Narahara served as the Academic Lead and Faculty Advisor, while Dudley was the team’s Entrepreneurial Lead.

Supported by the NSF I-Corps Mini-Grant from Fall 2015, the project used captured images from a drone to create 3-D models of buildings using photogrammetry and produced interactive environments using game engine software.

School of Art + Design Advisor Wins Regional Martial Arts Championships



Sasha Corchado, Academic Advisor for the School of Art + Design, added a few more medals to her collection of Naginata achievements. In February, 2016,

Corchado competed in the Greater New York Naginata Federation’s Yamauchi Memorial Taikai, taking first place in the Yudansha Women’s Individual Shiai and Yudansha Engi competition with engi partner Nayantara Sarpeshkar. In March, Corchado and Sarpeshkar also won the Funarahara Cup for Yudansha Engi at the Japanese Swordsmanship Society (JSS) Yamauchi Memorial Taikai.

Corchado will be competing this summer at the 2016 United States Naginata Federation Championships in Torrance, CA, as a member of the Greater New York Naginata Federation Team. She will be competing in the individual and team shiai, and engi pair events.

College of Architecture & Design Adds New Art + Design Pre-College Summer Programs



Following the success of the Summer Architecture program, the College of Architecture & Design has added two new weeklong summer design programs for high school students entering their sophomore, junior or senior year: *Video Game Design* and *Design + Make*. The *Video Game Design* program, run in collaboration with the College of Computing Sciences, teaches coding and digital design principles to develop video games for mobile and desktop platforms. *Design + Make* introduces students to physical and digital media, the design process, and state-of-the-art fabrication tools to create working products.

While all CoAD summer program sessions are already filled, interested students may still apply for waitlist consideration online at <http://design.njit.edu/coadprograms/summer.php>.

Littman Library Director Speaks at Joint Conference



In March, **Maya Gervits**, Director of the Littman Library delivered a presentation at the joint conference of the Association of Architectural School Librarians, Art Libraries Societies of North

America and Visual Resources Association in Seattle, Washington. Her presentation “Balancing the irregularities of citation metrics in tenure and promotion of faculty in art, architecture and design related disciplines” analyzed the existing metrics and instruments for the evaluation of scholarship in art, architecture and design, revealing deficiencies in commonly used methods.

Gervits’s article on this subject is to be published in the Fall 2016 issue of “Art Documentation.”

Corel Corporation Grants Tablets to A+D

Canadian software company, **Corel Corporation**, producers of widely used graphics applications that include *CorelDraw Graphics Suite*, *Painter*, and *PaintShop Pro*, donated 20 new Wacom Intuos tablets for use in the School of Art + Design. The combination of Wacom tablets and Corel software has been used in the Foundation Year and throughout the curriculum, providing a visceral link between the hand and computer facilitating the creation of art and various design projects by students that have been exhibited internationally.

Alumna Sophia Sobers Named Visiting Associate Professor at University of Pittsburgh



Interdisciplinary artist and 2011 CoAD graduate **Sophia Sobers** came back to exhibit work at the 2016 Design Showcase and, following a position as a photography production assistant at Brown

University, will start a one-year position teaching “Visual Studio” and “Digital Imaging” at the University of Pittsburgh. Sobers, who was the first undergraduate NJIT student selected to present a research poster at SIGGRAPH, supplemented her undergraduate education by earning an MFA from the Rhode Island School of Design where she subsequently taught as an adjunct faculty member.

NJIT to Participate in 2017 China Solar Decathlon



For the second time, NJIT will participate in the selective international competition, *China Solar Decathlon*. Four Art + Design students, two each from Interior Design and Industrial Design will participate alongside Architecture students in the endeavor and work on the project in the Fall 2016 Collaborative Design Studio taught by Assistant Professor **Adam Modesitt**.

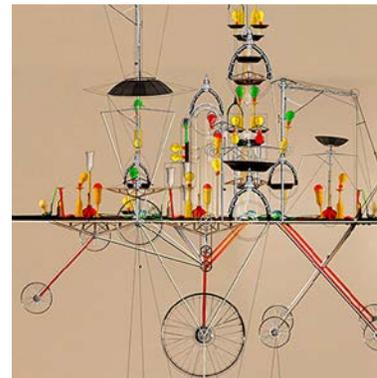
Art + Design Student Work Exhibited at Women Designing the Future Conference at NJIT



On April 1, the **Murray Center for Women in Technology** at NJIT held a one-day conference, “*Women Designing the Future: Digital Realities, Today and Tomorrow*” that included an exhibit of student work

created by more than twenty different women from Digital, Industrial, and Interior Design for courses and studios in the School of Art + Design. The program included speakers who explored possible careers involving digital technologies in government, commerce, and fashion. The varied program included a talk by Molly Ruskin (photo above), founding member of the U.S. Digital Service at the White House and a presentation about the use of virtual reality technology in journalism.

Ana Peñalba Selected to Participate in Open Sessions 2016-2017 at The Drawing Center in New York



Artist, architect, and adjunct faculty member in Interior Design **Ana Peñalba** has been selected as one of thirty-three artists to be part of a multi-disciplinary group exploring and expanding the meaning of “drawings” as both

an activity and a product. The program, created by Lisa Sigal and Nova Benway at The Drawing Center in New York City, represents a two-year commitment of occasional events, with content defined by the “participants through an ongoing dialog with their peers.” Peñalba’s work involves the recycling of sounds, images, and objects as a method of understanding cultural history and to immerse viewers in “a world that both distorts and clarifies the limits between reality and fiction.”

Goldman Photos Cited by the American Institute of Architects and TZIPAC in Two Separate Competitions

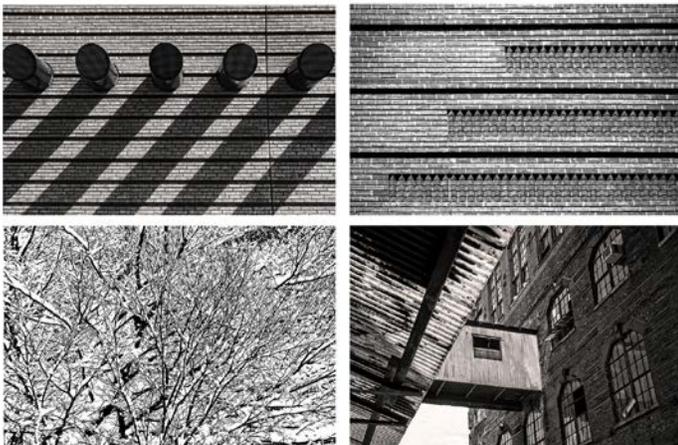


Five black and white photos taken by Professor and Director of the School of Art + Design **Glenn Goldman** have received awards in two separate competitions.

“L.A. Grid” (above), an August 2015 photograph taken through the window of the Los Angeles Convention Center, was one of fourteen premiated by the American Institute of Architects (AIA) out of more than 1,000 entries. This is the third consecutive year one of Goldman’s photographs was selected for award and exhibited by the AIA in the annual contest.

Four different photographs were announced as finalists in the 4th Annual Zebra Awards program celebrating the art of black and white photography and sponsored by the TZ International Photography and Art Community (TZIPAC). TZIPAC is dedicated to the expansion of photography as an artform and organizes a number of targeted juried competitions each year.

Two of the winning photographs, “Building Lines” and “San Francisco Brick,” were based on details of Mario Bottta’s San Francisco Museum of Modern Art. Also cited were two photographs taken in New Jersey: “Snow in the Trees” (Tenafly, NJ), and “Paterson,” which had been previously selected as “Best Black and White Photograph” in the 2016 AIA West Jersey Architectural Photography Competition. All four photographs were selected in the “Abstract and Contemporary” category.



Industrial Design Graduate Malorie Pangilinan Receives A+D Medal at Commencement Celebration



Malorie Pangilinan became the second consecutive Industrial Design student to receive the Art + Design Medal at Commencement, the highest award the School offers, representing

excellence in design and academic achievement. Pangilinan, a graduate of John P. Stevens High School in Edison, NJ, leaves a legacy of accomplishment at NJIT.

A graduate of the Albert Dorman Honors College, Malorie Pangilinan was Layout Editor for one year for NJIT’s yearbook, *Nucleus*, and Editor-in-Chief for the last two years. She has had work exhibited as part of the curated Student Work Exhibits at SIGGRAPH 2013 in Anaheim and 2014 in Vancouver, at NYCxDesign 2014 (Fab’s “First Things First”) and NYCxDesign 2016 (American Design Club’s “Growth”), and also at ICFF in 2016. Pangilinan was one of the designers of the popular “NIJITS” created and produced for the Greater Newark Mini Maker Faire in 2014. She has had internships with *Nike Vision* working with color specialists on patterns and graphics for their eyewear products, and for the Brooklyn office of San Francisco-based design firm, *Ammunition*, working on package designs for Beats by Dr. Dre and UNICEF. After an internship with *Skip Hop* during her senior year, she has started working full-time with them designing apparel, bags, toys, and other items in their product line.

A past recipient of Designer of Distinction Awards in the College, Pangilinan received the 2016 Academic Achievement Award for Industrial Design as the student with the highest overall grade point average over the four-year academic career at NJIT in addition to receiving the A+D medal.

