

ART + DESIGN : NEWS + NOTES

COLLEGE OF ARCHITECTURE AND DESIGN – NEW JERSEY INSTITUTE OF TECHNOLOGY – NEWARK, NEW JERSEY – OCTOBER 2017

Industrial Design Students and Alumni Exhibit at ICFF in *When Rumors Fly* Competition for NYCxDesign 2017



Sponsored by the *American Design Club* in New York City, and curated by its director **Kiel Mead**, the “*When Rumors Fly*” competition featured products from four current and past students from NJIT’s Industrial Design program among the fifty-

four selected for exhibit. The competition invited designers to create functional products that told a story. The “*Leonardo Side Table*” by **Ryan Heinz** (above), created with urethane plastic and glass, is rumored to include 306 pieces of gum chewed by celebrities collected over a 26-year period embedded in the top.

The exhibit, held May 21-24 as part of Design Week, was located in Javits Center during the International Furniture Fair (ICFF) in New York. In addition to Heinz, **Juan Trapp** collaborating with **Natalia Szabla** working under the name “*the7thFl*” and **Henry Drago** were also selected to exhibit. Trapp and Szabla exhibited their successfully-funded Kickstarter product, “*Architrays*.”

Art + Design Athletes Placed on ASUN Honor Roll for Academic Achievement



Three students showed that participation in NCAA Division I varsity athletics and design education can be a successful combination at NJIT. Named to the Atlantic Sun (ASUN) Honor Roll for Academic Achievement for the 2016-2017 season were **Bryan Haberstroh** (Industrial Design) for baseball, **Tess Albyn** (Interior Design) for volleyball, and **Mehek Parikh** (Digital Design) for track and cross country.

SIGGRAPH Student Work Exhibit in Los Angeles Includes Images by 47 Different Art + Design Students



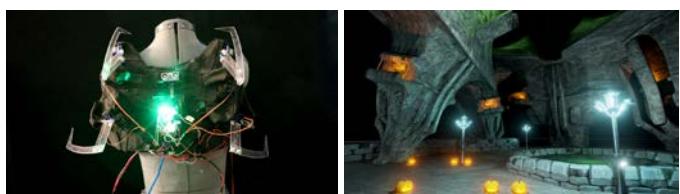
Biomechanical character by Carl Ravensbergen, selected as the “cover image” for the onsite program announcement.

For the sixth consecutive year, NJIT’s School of Art + Design was represented in the Education Committee-sponsored curated Student Work

Exhibit at SIGGRAPH, the Association of Computing Machinery’s (ACM) conference on computer graphics and interactive techniques. The 44th annual conference was held in Los Angeles, CA, July 29 – August 3, 2017.

NJIT work was created in the studios and classes of nine different faculty members and included submissions from all three majors.

Foundation year student work was created by **Sophia Chan**, **Twinkle Desai**, **Brent Hartwell**, **Robert Lim**, **Jodie Saint-Val**, **Melissa Soler**, and **Sarah Whitehouse**. Digital Design work was from **Danielle Archibold**, **Everett Aldrich**, **Hideyoshi Azama**, **Jimmy Benites**, **William Busarello**, **Christian Cabrales**, **Nathalie Carrasco**, **Trysten Davis**, **Samantha Dimaano**, **David Kong**, **Brenda Loja**, **Kelvin Mendez**, **Monica Nelson**, **Kathleen Nguyendom**, **Bryan Ortiz**, **Johel Ramirez-Cubero**, **Carl Ravensbergen**, **Harry She**, **James Stochel**, **Nate Soto**, and **Ian Yunis**. Interior Design was represented by **Negaar AmiriHormozaki**, **Sara Ebrahim**, **Cathrine Fahmy**, **Albeirys Francisco-Parra**, **Elouie Gaspar**, **Viktoryia Kiruschanka**, **Arianna Milla**, **Pamela Ospina**, **Stephanie Peralta**, **Kristen Sweeney**, **Dakshita Supawala**, and **Alma Villalba**. And Industrial Design was represented by **Oliver Budd**, **Manny Diaz**, **Lydia Hong**, **Preston Konopka**, **Cassidy Lavine**, **Alexandra Nita**, and **Nahin Shah**.



NJIT Hosts NJ Chapter American Society of Interior Designers (ASID) Career Day



NJIT was host to the annual Student Career Day sponsored by the New Jersey Chapter of the American Society of Interior Designers (ASID) on October 7. Attended by students from a variety of local schools, the event started off with a panel discussion about different career paths for persons with degrees in interior design. Also included was a

presentation by National Council for Interior Design Qualification (NCIDQ) dealing with professional registration and examinations, and a "Dress for Success" fashion show. The program was coordinated for NJIT by the IIDA Student Center co-presidents, senior **Pamela Ospina** and sophomore **Victoria Birritteri**.

Digital Design Student Sasha Novichkova Wins Ferring Pharmaceuticals Art Competition



Alexandra (Sasha) Novichkova, a second year Digital Design student from Gaithersburg, Maryland, won a \$1,000 scholarship from Ferring Pharmaceuticals of Parsippany, New Jersey, for her entry, "A Gift," to their third annual art competition.

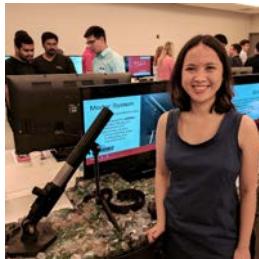
Students from the School of Art + Design have won scholarships in all three iterations of this competition.

Industrial Design Alumnus Announces New Watches



Jonathan Ferrer '14, founder of *Brew Watch Co.* in New York, followed his first two successful designs at his company with a third line, the "New Brew Café Collection" of watches that feature an ultra-thin case profile of 7mm, Swiss-made Ronda movement, and sapphire crystal. Ferrer's watches are inspired by "a combination of contemporary and vintage charm seen in the café realm" and have been featured and reviewed in press and online by a variety of outlets including *Esquire*, *Bloomberg*, *GQ*, *New York Magazine*, *PeopleStyle*, *marie claire*, *Guitar Aficionado*, *Worn & Wound*, and others.

Digital and Industrial Design Students Participate in Funded Summer Research Programs



Three different students applied for and received funding to work on research during the summer. **Lydia Hong** and **Cassidy Lavine** of Industrial Design, and **Rebecca Cestaro** of Digital Design each worked on a different project. Hong (above left) was part of a team that researched *Additive Manufacturing in Mortar Weapons Systems* as she designed and created 3D-printed weaponry as part of a U.S. Army Research Development and Engineering Center, Picatinny Arsenal Program. Hong's team was advised by John Federici and Samuel Gatley of the Department of Physics in the College of Science and Liberal Arts at NJIT. Cassidy Lavine and Rebecca Cestaro both worked on projects as part of the Provost's Undergraduate Summer Research Program. Lavine, advised by Industrial Design Coordinator José Alcala, worked on the project *Environmentally Benign, Low-Cost & Innovational Compact Food Composter Housing for the Household*. Cestaro, advised by Digital Design Coordinator Augustus Wendell, completed the research project *Real-Time Gamification Simulation for Fitness Evaluation*.

the7thFlr Launches Successful Kickstarter Campaign



A pair of Industrial Design alumni, **Natalia Szabla '16** and **Fabio Castellanos '16**, successfully created "Architrays" – architecture inspired

desk accessories and raised more than twice the needed funding for their initial Kickstarter offering. Naming their startup, *the7thFlr*, for the location of the Industrial Design studios in the School of Art + Design (the seventh floor of Weston Hall), the pair offered a series of concrete trays in pink and gray; designed in four styles and shapes. Available designs are the rectangular "Brutalist" style, circular "Roman" design, octagonal "Islamic" design, and a narrower rectangular "Gothic" style.

Five Photos Selected as Honorable Mention in the 2017 International Photography Awards Program



For the fourth consecutive year, School of Art + Design Director **Glenn Goldman** has photographs internationally awarded in the annual IPA

(International Photography Awards) competition. Four images were awarded in the category of "Architecture: Buildings" and included "*Looking up at the Library*" (a photograph of the Hennepin County/Minneapolis Central Library by César Pelli and Associates) and "*Roman Form*" (a photo of the MAXXI Museum by Zahah Hadid) each of which had been previously awarded in the TZIPAC Zebra Awards competition in February 2017. Also cited were a second photo of the MAXXI Museum, "*Reflected Neighbor*," and an interior photograph, "*Ribs*," of Santiago Calatrava's Florida Polytechnic University. The fifth honored photograph, "*Coral Gables*" (above), was in the category of "Nature: Trees" and was taken on the campus of the University of Miami.

This year, the competition received 14,272 submissions from 165 countries which were reviewed and judged by a professional jury consisting of more than 100 photographers, curators, and critics.

Architects Travel Exhibit in Littman Library



Architects Travel, curated by Littman Library Director **Maya Gervits**, presents books from the library collection covering a period from the late 18th century to current time featuring works by Le Corbusier, Louis Kahn, Michael Graves, Aldo Rossi, and other architects. The exhibit illustrates a variety of ways to document

travelling impressions with different media. Twenty-seven CoAD faculty and students contributed work in a variety of media – from sketchbooks to digital photographs – that included documentation of everyday life while traveling in addition to landscapes containing examples of the built environment, and views of geometry in architecture. The exhibit, which runs through the end of December, includes A+D faculty work from **Cleve Harp** and **Glenn Goldman**.

David Brothers Named One of the *DesignIntelligence* 25 Most Admired Educators for 2017-2018



Senior University Lecturer and Coordinator of the Interior Design program, **David Brothers**, was named one of the twenty-five most admired design educators for 2017-2018 by

DesignIntelligence magazine. They wrote: "Brothers is known by his students as one who is dedicated

to the Interior Design program and its rigor. Appreciated for his solid critiques and feedback he is recognized for bringing supplemental opportunities and connections from outside the school and preparing graduates well for entering the profession."

An indication of the high value the school places on teaching, Brothers is the fourth faculty member at NJIT to receive this accolade. Interim Dean for the College Tony Schuman received this citation in 2013, Coordinator of the Industrial Design program José Alcalá in 2014, and Director of the School of Art + Design Glenn Goldman in 2015.

Summer Internships Plentiful for Art + Design Students

The summer of 2017 again provided myriad and diverse opportunities for continuing Art + Design students to supplement their academic programs with experiential learning. Some students traveled while others enrolled in classes, but most chose to work at internships within or related to their discipline. All Interior Design students were occupied and two, **Caitlin Morris** and **Delaney Silvestri**, entered the *Disney College Program* during the summer and are spending the Fall 2017 semester in Orlando, Florida. Other internships included **Emily Gutierrez** at *ID 810* in Englewood, **Pamela Ospina** at *Gensler* in Morristown, **Tess Albyn** at *Mack-Cali* in Parsippany, **Arianna Milla** at *HLW International* in Madison, **Sara Ebrahim** at *TPG Architecture* in New York City, **Stephanie Jen** at *American and International Designs, Inc.* in Staten Island, NY, **Albeirys Francisco-Parra** at *Bob's Discount Furniture* in Secaucus, **Isabella Rizzo** at *PC Construction* in Hoboken, and **Florencia Pozo** at *Illumination Arts LLC* in Bloomfield. Industrial Design internships included **Renee Collins** at *Sand by Saya* in New York, and **Tulio Squarcio** at *EAI, Inc.* in Jersey City. Digital Design Internships included **Kevin Navarro** and **Tiffany Barnes** at *YouVisit* in New York, **Danielle Archibald** at *CSI Group* in Paramus, and **Ian Yunis** at *The Artery VFX* in New York.

CoAD Faculty Present at eCAADe in Rome



A contingent of faculty from the College of Architecture and Design participated in the thirty-fifth eCAADe (Education and research in Computer Aided Architectural Design in Europe) conference hosted at Sapienza – University of Rome Faculty of Civil and Industrial Engineering. The NJIT presentations reflected the interdisciplinary nature of the programs in the Schools of Art + Design and Architecture.

Gernot Riether, Director of NJIT's School of Architecture, delivered the initial keynote address, "The Digital Design Build Studio."

Andrzej Zarzycki presented "*Embedded Building Components: Prototyping with Emerging Technologies.*" in the session on Material Studies – Methodologies that addresses issues of data collection and building component adaptation in response to real-time distributed sensing and smart material integration. He postulated "opportunities to further extending sensing and actuating capabilities of a building envelope by combining them with embedded materials as a form of user interface."

Zarzycki co-authored "*The Effect of Building Materials on LIDAR Measurements*" with **Mathew Schwartz**, which was presented in the Material Studies – Energy session where they applied lessons learned in the study of autonomous vehicles to buildings and construction, and point out how materials selection affects data collection.

Taro Narahara presented "*Collective Construction Modeling and Machine Learning: Potential for Architectural Design*" under the category of Design Tools – Programs which looks at potential applications of artificial intelligence in design.

"*Interiority & Perception in Cinema: Digitally Reconstructing Space, Light, and Motion*" was presented by **Adam Modesitt** and **Augustus Wendell** in the Digital Heritage session in which they presented applications of software-based photogrammetry methods to recreate past cinematic spaces.

Martina Decker presented "*Soft Human Computer Interfaces: Towards Soft Robotics in Architecture*" as part of the Visual and Augmented Reality program that looks at how occupants and building controls interact with one another.

A+D Faculty and Students Participate at SIGGRAPH



The School of Art + Design was represented by faculty, students, and alumni at SIGGRAPH 2017 in Los Angeles this past summer.

Four Digital Design students were accepted to, and participated in, the competitive Student Volunteer program. Those students included **Monica Nelson** who served for the third time, and three first time participants: recent graduate **Brandon Gormley**, and continuing students **Danielle Archibald** and **Tiffany Barnes**. Each volunteer provided about 25 hours of service assisting attendees, presenters, and organizers throughout the conference. Student Volunteers also participate in special programs meeting with studio heads, receiving critiques on demo reels, and networking with researchers and peers from across the globe. The students and faculty gathered together for the annual NJIT A+D SIGGRAPH Dinner and were joined by two School of Architecture alumni, **Brian Novello** and **Muhammad Alnakash**, and Digital Design alumni **Rachel Corres**, **Amos Dudley**, and **Mark Sanna**.

Assistant Professor **Martina Decker** presented "*Programmable Buildings*" (co-authored with Associate Professor **Andrzej Zarzycki**), in the "Make Me a Design" session. School of Art + Design Director, Professor **Glenn Goldman**, chaired a panel in the Educators Forum, "*Industry Perspectives: Preparing Students for Careers*" that included representatives from *Nordeus*, *Animal Logic*, *Zoic Studios*, and *Oculus Research – Oculus/Facebook* that highlighted various sub-disciplines including animation, visual and special effects, game design, and computer graphics research.

Schwartz Publishes in TAD Journal



Assistant Professor of Industrial Design, **Mathew Schwartz**, with co-author **Jaeheung Park**, published "Robotic Control Strategies Applicable to Architectural Design in *Technology Architecture + Design (TAD)*". The paper presents an overview of how architecture and design can leverage robotic control strategies for new design possibilities that go beyond the development of an end effector.

New and Returning Faces in the School of Art + Design



Interior Design alumnus **Adam Raiffe '12** has returned to NJIT as an adjunct faculty member to teach third year interior design studio/residential design. After earning his undergraduate degree, Raiffe completed the Master

in Architecture (M. Arch.) program at the University of Miami in Coral Gables where he also served as an instructor for Revit. While in Florida, he worked for Gensler in Miami, and then Benjamins Group. A registered architect, he recently returned to New Jersey and has started his own firm, RAI Design.



A graduate of the Industrial Design program, **Dan Sosa '12**, has joined the Industrial Design program as an adjunct faculty member teaching *Modeling and Prototyping*. Sosa has been an active designer since graduating, having worked for MADLAB LLC in lighting design,

Virginia Harper Design where he designed fixtures and graphics for retail environments, and Michael Graves Architecture & Design where he focused his efforts on housewares, home healthcare products, audio, and exhibit design. He is currently Senior Industrial Designer at Fox Run Brands in Ivyland, Pennsylvania.



Matthew Negron '13, is an alumnus of the Industrial Design program in the School of Art + Design. He has also earned a pair of Master's degrees at NJIT – Masters of Science in Manufacturing Systems Engineering in 2015, and Masters of Science in

Management in 2016. He has re-joined the school as an adjunct faculty member teaching *Materials and Processes*. Negron is a Design Project Manager for Dauphin North America where he leads projects for new product development and product re-engineering including prototyping, testing and validation, manufacturing processes, tooling, and working with suppliers for costing and supply chain practices. Dauphin, a global company founded in Bavaria, Germany, designs and produces ergonomic seating and furniture for the commercial market.



Co-Director of The Principals, **Charles Constantine**, has been appointed a member of the adjunct faculty to teach third year industrial design studio. He has a B.S. in Sculpture from Towson University, and a Masters in Industrial

Design from Pratt Institute. Prior to coming to NJIT, he served as an instructor at the Art Institute of New York teaching Interior Design, Furniture Design Studio and History of Furniture Design. His Brooklyn-based firm, The Principals, was established in 2012 as an experimental design studio working in varying scales with a broad array of projects. They were cited as a “firm to watch” by *Architectural Record* in 2016 and their work ranges from designing spaces for clothing brands Everland, AYR, and Kara to pavilions at gatherings like Bonnaroo and the Hudson Music Project, to interactive installations for MoMA PS1, the Ace Hotel, and Microsoft.

Don Menke Receives NJIT Award for Contribution to Instruction by Non-Instructional Staff



Don Menke has received the *Award for Outstanding Contribution to NJIT by Non-Instructional Staff* for 2017. While nominally the “Model Shop Supervisor,” he has provided far more in the way of service and instructional assistance to

the College of Architecture and Design. He helps students in groups and as individuals plan the fabrication of their designs and then carry out the task. With his knowledge and skill, Menke is a resource for faculty and classes, relied upon for everything from providing aid in preparing classroom assignments to working on the preparation of accreditation reports on facility requirements as they pertain to fabrication. He was instrumental in his role working on the successful initial accreditation report for NASAD, the National Association of Schools of Art and Design, and he was a full participant in the planning and execution of the expansion of fabrication facilities that accompanied the creation of the School of Art + Design ten years ago.

littleBits Code Kit Named Best of Show at ISTE 2017

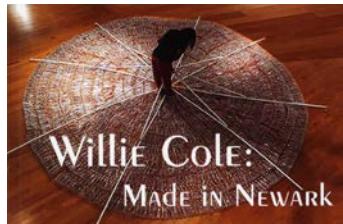


littleBits, the company for which Adjunct Instructor of Industrial Design **Krystal Persaud** serves as Director of Product Design, continues to produce award-winning STEM-focused toys for children. Most recently, Code Kit was named “Best of ISTE 2017” in the August issue of *Tech & Learning* magazine and is included in the magazine’s Makerspace Guide. The new toy helps children “build and code four unique games (Rockstar Guitar, Tug of War, Ultimate Shootout and Hot Potato...of DOOM!), utilizing the littleBits Code Kit app, and the included 16 Bits and 30+ accessories.” The product, intended for children 8 years old and older, is cross-platform working with Windows, Mac, and Chromebook utilizing Bluetooth wireless technology.

Goldman Interviewed by *Animation Career Review*

Director of the School of Art + Design **Glenn Goldman** was the subject of an extensive interview published online by *Animation Career Review* during which he explained the value of the multidisciplinary approach to the curriculum of the Digital Design program at NJIT.

Willie Cole: *Made in Newark* Exhibit at CoAD



Newark-born artist **Willie Cole** is exhibiting his most recent works in the College of Architecture and Design Gallery on the second floor of Weston Hall from October 12 through November 20. The exhibit, curated by **Matt Gosser**, contains Cole’s newest piece which was completed over the summer and represents an “exploration of recycled water bottles as primary building material in large-scale sculptural pieces.” Cole’s work often utilizes creative re-purposed common objects in an effort to find “beauty in the commonplace.” Cole is the recipient of numerous awards and prizes including the 2006 David C. Driskell Prize from the High Museum of Art in Atlanta, established as the “first national award to honor and celebrate contributions to the field of art of the African Diaspora.” The opening of the exhibit was part of the Newark Arts Open Doors annual festival.

Soto and Kong Illustrate Children’s Book *Roxy the Fox*



Roxy the Fox and The Tree Truss Bridge is a children’s book to teach children what an engineer does. Writing Coordinator from Civil Engineering, **Gabrielle Grompone**, reached across disciplines to her friends at Digital Design, **Nate Soto** and **David Kong** to help illustrate the story. Soto worked on the character designs and initial sketches, and Kong digitally inked and painted the animals in the interdisciplinary extracurricular effort.

Haberstroh Receives Honorable Mention in CYL Contemporary-Modern Furniture Design Competition



Industrial Design student **Brian Haberstroh** '17 submitted a final project from David Brothers’ Furniture Design class on his way out of school as he was about to graduate and ended up receiving Honorable Mention for his effort which was displayed at the “What’s New Next” show and gala in New York in September. There were 65 entries with one winner and three honorable mentions judged by Caleb Anderson, partner in Drake Design, NYC; Michel Boyd, president of SmithBoyd Interiors, Atlanta; Tori Mellot, senior design and markets editor of *Traditional Home* magazine, Des Moines, Leslie Zarra, CEO, Cliff Young, Ltd., New York; and Nancy Wolford, advisor and past chair, IFDA Educational Foundation.

Arianna Milla and Team Receive Honorable Mention at IIDA Student Charrette at NeoCon in Chicago

Two NJIT Interior Design students, **Arianna Milla** and **Pamela Ospina**, were selected to participate in the annual competition, IIDA Student Charrette at NeoCon in Chicago and Milla’s team received Honorable Mention in the all-day/one-day competition.