INNOVATION

Education Evaluation
Master of Fine Arts (MFA) programs at the College for Creative Studies build on CCS’ legacy of art and design education excellence and address the demands of a globally competitive environment. We focus on fostering critical thinking in a design context while keeping contemporary business reality in mind. CCS offers four MFA programs—Color & Materials Design, Integrated Design, Interaction Design and Transportation Design. The Integrated Design program synthesizes multiple disciplines, using an effective combination of design strategy, business acumen and creative execution to prepare students for professional practice. We emphasize a holistic yet cohesive problem-based and industry-relevant curriculum with the related disciplines contributing to the solution. In the Color & Materials Design program, the first program of its kind in the United States, students build an advanced knowledge of color, new materials, finishes and processes to develop a practitioner’s expertise in their application to various design solutions. The Interaction Design program is grounded in the human context of design—the study of how people use, need and respond to technology in their daily lives. Through a rigorous curriculum emphasizing user-based research and an entrepreneurial outlook, students develop the aesthetic and technical skills relevant to a rapidly evolving and growing field. The Transportation Design program develops designers who are not just stylists but innovators with an eye toward the future. Students are immersed in the most pressing issues of mobility and technology affecting the global transportation design industry today.

Academy of Art University
Appalachian State University
Arizona State University
Art Institute of Colorado
Brigham Young University
California State University, Long Beach
Carleton University
Carnegie Mellon University
Cleveland Institute of Art
Cranbrook Academy
Drexel University
NC State
Pratt Institute
Purdue University
Rochester Institute of Technology
San José State University
SCAD
Shintaro Akatsu School of Design
Southern Illinois University
Syracuse University
University of Cincinnati
University of Houston
University of Louisiana at Lafayette
University of Michigan
University of Oregon
University of Pennsylvania
University of Utah
Walla Walla University

This special section in INNOVATION is sponsored by the College for Creative Studies.

IDSA STUDENT CHAPTER SHOWCASE

IDSA Student Chapters participating:

Academy of Art University
Appalachian State University
Arizona State University
Art Institute of Colorado
Brigham Young University
California State University, Long Beach
Carleton University
Carnegie Mellon University
Cleveland Institute of Art
Cranbrook Academy
Drexel University
NC State
Pratt Institute
Purdue University
Rochester Institute of Technology
San José State University
SCAD
Shintaro Akatsu School of Design
Southern Illinois University
Syracuse University
University of Cincinnati
University of Houston
University of Louisiana at Lafayette
University of Michigan
University of Oregon
University of Pennsylvania
University of Utah
Walla Walla University

This special section in INNOVATION is sponsored by the College for Creative Studies.
Product Design | Transportation Design | Furniture Design | Toy Design | MFA: Thesis Specific

Industrial Design at Appalachian State is methodologically focused on creative problem solving and contextual research. Students are challenged to create significant innovation within their area of interest by first studying: the situation, the user, the history, the market, the sustainability, and related issues, in order to form a comprehensive understanding before they start to create solutions.

The Industrial Design program has evolved and grown immensely at Appalachian State University over the past eight years by delivering great designers to industry. Alumni have gone on to work at world renowned design firms, corporations, and independent business ventures.

Our curriculum is extremely “hands-on” where students create physical models of the products they design. In addition to intensive studios, students take courses in design foundations, 2D and 3D CAD, and materials and processes, ensuring they are prepared to be productive members of industry teams.

Visit

Industrialdesign.appstate.edu

Student work clockwise from upper right:
Vincent Falcone: Koroyd Bike Helmet; Jeff Downs: Card Reader Tablet Case; Nick Dunn, Alejandra Lazañi, Nathan McCracken, Abby Smith: Service Cart; Jon Long: Rucksack; Ray Zavesky, Rena Juang, Jeff Downs: Automatic Trash Receptacle; Abby Smith: Lunch Bag
Ready to shine?
Industrial Design at Arizona State University

Contact:
Dosun Shin
Industrial Design Coordinator
Dosun.shin@asu.edu

ASU Herberger Institute for Design and the Arts
The Design School
PO Box 871606
Tempe, AZ 85287-1605

Programs:
B.S. Bachelor of Science in Design
120 credit hour First Professional degree

M.S. Master of Science in Design
36 credit hour Design Research degree

M.D. Master of Industrial Design
60 credit hour Terminal Professional degree

M.D. Doctor of Philosophy in Design, Environment and the Arts
64 credit hour Post Master's Terminal Research degree
BRIGHAM YOUNG UNIVERSITY
ID.BYU.EDU

Students' work represented: Emeric Henry, Bryce Hansen, Brett Mielar, Ben Avery, Aaron Puglisi, Dan Shelby, Bryce Twede, Didi Mochos, Spencer Reynolds, Levi Price, Steve Pustet, Carris Mills
Our Bachelor of Design (BDes) degree offers three areas of design specialization: products (industrial design), communication (graphic design), and the design of physical and digital environments. The curriculum emphasizes the importance of designing for the interactions between people, the built world and the natural world. Students learn to design products and their interactions within the context of human needs and develop a deep understanding of the ways in which products shape behavior. We acknowledge that no product exists in isolation—it is always part of a larger system comprised of people, communications and environments. Students learn systems thinking and engage in an iterative, multi-disciplinary and collaborative design process that involves research, observation, modeling/prototyping and rigorous evaluation.

For more information, please visit us at:
www.design.cmu.edu

Sweep Table: Lyle Martin
Ocelot Resistance Trainer: Chris Henley / Morgan Fritz / Rachel Cavarella
Kinetic Footwear: Dillen Patrick
Touchless Radio: Josh Newby
Turbine Lamp: Michael Levy

Range Rover Brand Headphones: Adriana Garcia
General Motors Ltd: Jim Togweiler
FACET Social Network Ecology: Franklin Gao / Jackson Chu
Contrastile Jacket: Gabrielle Williams / Carol Kotermanski / Julia Sweater
Interactive Radio: Ethan Frier
Creativity Matters

With a curriculum focused on research, conceptualization, and refinement; a strong tradition of sponsored class projects; and connections to productive internships; Cleveland Institute of Art’s Industrial Design major educates designers who go on to excel in the fields of their dreams. cia.edu
As Drexel Product Design Students, we are constantly challenged by our professors and peers to take on a wide variety of fulfilling classes, projects and job opportunities. We are continually creating: always searching for new ways to design, produce or implement meaningful products. We spend long nights in the studio (thank you, coffee—it’s six a.m. already?!), we push ourselves to take demanding classes outside of our major (materials science, we’re looking at you) and we have formed an amazing community of problem solvers, in which we all support and encourage each other to find our own passions within the world of design. We are united by our Program Director Michael Glaser’s guiding philosophy, our eagerness to learn, and the lack of sleep we all experience to ensure our work is done at the exceptionally high standard to which we hold ourselves. As challenging as the work may be, we are proud to have been able to spend four years as members of this group of ambitious thinker-makers.

Empathetic. Authentic. One ridiculous work ethic.


For more program information please contact David Miller at ddm@22@drexel.edu or visit www.drexel.edu/westphalundergraduate/PR00
1 Sean Jalleh  
Air ambulance interior system—in-depth ethnographic study, comprehensive systems-approach to creative problem-finding and problem-solving. 2014 Red Dot Award winner.

2 Brian Franson  
Exogen bone stimulator, an ergonomic and portable diagnostic system and ultrasound that helps the body heal broken bones—a sponsored studio project with Bioventus.

3 Danielle Souder  
Sound dampening systems, modularized, decorative, and effective. A studio project supported by Eastman Chemical. Other studio sponsors include IBM, TTI, BD Medical, JLG, HanesBrands, Lowe’s, and Thermador.

4 Ethan Evans  
Thermador residential oven system, user-centered, insight-driven, and experience-focused design process. The process included research, development, prototyping, and user-testing.

Industrial Design at NC State University  
Creating Excellence in User-Centered Innovation

BID, MID, PhD  
design.ncsu.edu/academics/industrial-design-programs
Pratt Institute offers undergraduate and graduate degree programs in industrial design that promote creative problem solving and critical thinking. The department’s mission is to teach aesthetic value and form development, focusing on the principles of accessibility, responsibility, and creativity. Pratt’s diverse faculty of practicing design professionals and location in the creative hub of New York City fuel student explorations into designing the forms of the future.

Images, top to bottom:

Nikolaos Georgantas
3-D/Form and Space
Undergraduate
Instructor: Linda Celentano

Lisa Dudley | Radiant Space Heater
3-D III | Graduate Fall 2012
Instructor: Lucia Derespinis

Yuxin Han | Canvas Urban Walking Sneakers
Shoe Prototypes
Undergraduate Fall 2012
Instructor: Kevin Crowley

www.pratt.edu
R·I·T Industrial Design

Intellectual Elegance
Tony Han, Snack Station for Herman Miller, Inc.

Creative Possibilities
Timothy Biromm, Furniture Exploration

Human Potential
Ariel Jan, Bike Helmet Using Poron® ShockPad Foam

Designing the Future
Ratchanon Kasawmanee, Water-saving shower head using Autodesk Fusion360

cias.rit.edu
facebook.com/rit.industrialdesign
twitter.com/rit_id

Graphic Design by Bridget Brennan. Photography courtesy of Elizabeth Lanark.
Arbor Project
A collaboration with the City of San Jose Office of Cultural Affairs, the SJSU Industrial Design Program and Stoller Studios.

IKEA Hönshus Chicken Coop
Design: Yanan Kang

Hand-held Vacuum
Design: Lauren Davidson

Sophie Park & Wellness System
Design: Tommy Duong

Photo: Hassib Jordan
DESIGNING GLOBAL SOLUTIONS

At the Savannah College of Art and Design, industrial design students combine academic knowledge and design skills with real-world experience. Recently, they created groundbreaking solutions that made it all the way to the world stage of production design. Seven SCAD alumni and students were recognized at the prestigious international Red Dot Awards in Singapore. Of the more than 4,700 submissions from 60 countries around the globe, Red Dot presented 40 Best of the Best Awards. SCAD is one of only three U.S. colleges with student winners of this coveted award.

KIRA
A balance of simplicity and innovation
Sebastian Campos Möller (B.F.A., industrial design, 2012)
Red Dot Award Winner

“Kira” was designed to bridge the gap between sailing and motor yachting, so those who take to the winds can do so in the most comfortable, amenable and sustainable way. It is designed to have a zero carbon footprint because of its electric engine and solar sail, giving the owner absolute freedom to roam the seas in complete comfort. “Kira,” his undergraduate thesis, is a representation of his design ethos, a balance of simplicity and innovation.

TOY CART PLUS
Keeping children challenged and engaged
Yue Jia (M.A., industrial design, 2014)
Red Dot Award Winner

Toy Cart Plus crosses the barrier between indoors and outdoors while changing configurations to keep the child challenged and engaged. In the long term, the ability to update a toy, rather than totally replace it, saves money and resources.

THE RETRIEVER CITY PARKING AND RESERVING SYSTEM
We saved you a spot
Jian Shi (M.F.A. industrial design student)
Qing Xu (M.A., industrial design, 2014)
Weijing Zhao (M.F.A. industrial design student)
Yunman Gu (M.F.A. industrial design student)
Holly Chisholm (B.F.A. industrial design student)
Red Dot Award Winner – Best of the Best

The Retriever City Parking and Reserving System allows drivers to search for, find, book and pay for a parking spot anywhere with their smartphones, using the Retriever app. The Retriever City Parking and Reserving System solves this global big city problem and it earned the design team a Best of the Best Red Dot Design Award. The Best of the Best is a top recognition given to groundbreaking concepts in the field of production design.

Learn more, contact us at industrialdesign@scad.edu, or call 912.525.6431.
scad.edu/industrial-design

SCAD
The University for Creative Careers
For information please contact the Department of Design office at (315) 443-2455 or email inquiries to design@syr.edu

Industrial and Interaction Design

SIU SOUTHERN ILLINOIS UNIVERSITY
CARBONDALE SCHOOL OF ART AND DESIGN

robllopez@siu.edu - 618/453-7598 - www.artanddesign.siu.edu/id

Karl Bower

Design Objective
Deliver a brand architecture strategy for the U.S. and global markets. Develop a brand voice, positioning strategy and guidelines for healthcare products.

Christopher Faller

Austin Perry

Joy Christensen & Lonnie Mann

Cedum

BLOOD TEST

GET TESTED

THE BLOOD TEST KIT

1. Collect blood
2. Apply lancing device
3. Apply lancing device
4. Dispose of used material
5. Submit test to lab

Wes York

Miranda Rohrer
Industrial and Interaction Design

For information please contact the Department of Design office at (315) 443-2455 or email inquiries to design@syr.edu
COLLEGE OF DESIGN, ARCHITECTURE, ART AND PLANNING (DAAP)
INDUSTRIAL DESIGN

The Industrial Design program at the University of Cincinnati has recently been ranked No.1 in the nation by Design Intelligence for the 4th year in a row. Strategically located just north of downtown Cincinnati, both undergraduate and graduate programs give students a first-class education that prepares them for careers in Industrial Design.

1.5 YEARS OF REAL WORLD EXPERIENCES

The co-op program adds value to the fully rounded design education, and rightfully so, co-op was invented here. Students have five professional co-op experiences by the time they graduate, giving them the opportunity to explore career options while developing diverse skills from a variety of industries.

“We're prepared to show up working right from day one! I know how to schedule a meeting, I know how to fix a paper jam in most laser printers, I know my way around Excel, I know that when you take the last cup of coffee, you make another pot. Co-op creates not just good designers, but good employees.” - Jon K.

EXPOSURE TO A WIDE VARIETY OF DESIGN SKILLS

Throughout 5 years of education, the Industrial Design program exposes students to a wide variety of design related skills, from research, ideating, rapid prototyping to concept visualization and physical models. All of these skills are delivered through passionate faculty members and well-equipped facilities.

STRONG PEER CONNECTIONS

After five years together, students develop deep friendships with each other, motivated by healthy competition. This also leads to an extended alumni network after students graduate.

“After talking to some students from other schools, I have come to think of our studio environment as a pretty unique strength. DAAP is all about collaboration and learning from other students, not only professors. Co-op allows us to create an interesting collaborative/competitive environment while we're at school, and eventually we all become each other's professional network!” - AF K.

MULTIDISCIPLINARY ENVIRONMENT

DAAP exists within a comprehensive Tier One research university and medical school with several world-class healthcare research centers. UC is also home to highly ranked engineering and business schools, where students can take classes with other students outside of design. Companies such as P&G and Boeing offer collaborative studios that pair designers with a breadth of other majors.

“We have countless student organizations, classes, sports, and other opportunities that smaller colleges don’t have.” - An A.

INTERNATIONAL PERSPECTIVE

In their third year, undergraduate students have the option of taking a semester abroad in Germany, France, Korea, or Japan. Through their CO-OPS, students can either work in a location overseas or do projects for an overseas employer.
A DECADE OF DESIGN EXCELLENCE

1. Mariel Piña - ‘Ambos’ 1st Place 2012 International Housewares Competition
2. Matthew Burton - ‘Connect’ 1st Place 2014 International Housewares Competition
3. Hong Yen Le - ‘Uplift’ 2014 Reddot design award + James Dyson Award
4. Leo Chen - ‘xBand’ 2012 IDEA Bronze
5. Jenny Trieu - ‘Infinii’ 1st Place 2014 Wilsonart Challenge Chair Design Competition
7. Juan Jimenez - ‘Smart Measure’ 1st Place International Housewares Competition 2013
8. Cody Blazek - 2013, Jesus Garate - 2014 Pensole World Footwear Competition
9. Liza Morris - 2014 Celings Guitar Design
10. Student Design Competition - 2014 Blaffer Art Museum
12. Brenden Macaluso - ‘ReCompute’ 2009 I.D. Magazine Top Student Project
The University of Louisiana at Lafayette
Industrial Design Program

featured students:

Watch: Nhan Tyson Mai
Sea-Doo: Joshua Williams
Hair Dryer: Silvana Zaldivar
Boat: Zachary Dubois
Canteen: Long Le
Bike: Simon Broussard

School of Architecture and Design
University of Louisiana at Lafayette
421 E Lewis Street, Lafayette, LA 70503
(337) 482-6225 | arch@louisiana.edu
Facebook: www.facebook.com/ullsoad
WEB: industrialdesign.louisiana.edu
**SmartSurfaces**

Students from Stamps, the Taubman Architecture College and Michigan Engineering work together in SmartSurfaces, a collaborative, project based class where teams of students build systems (physical and electronic) into ‘smart’ surfaces that adapt to their environment and incoming information.

**Integrated Product Development (IPD)**

IPD puts teams of students from Business, Engineering, Architecture, and Stamps in a competitive product development environment. This past year’s assignment: design dormitory furniture that can be easily assembled by the consumer from locally fabricated parts and standard catalog hardware.

**Cook Stove Team**

Abijah El-Fakih Simon  
Program in the Environment  
Corey Walsh  
Pre-Med  
Alexandra Pears, Christina Bennett, Duston Park, Elizabeth Ploch, Ian Roos, Keyana Thompson-Shaw, Mallory Uchlik, Melissa Cho, Michael Benkarski  
Stamps School of Art & Design  
Haley Evans  
Biology  
Ian Klipa  
Engineering  
Josie Palalon  
Engineering  
Man Kuan Lei  
Biology

**International Design**

Stamps students worked in Tanzania with local community members, and students from Program in the Environment, Engineering and Pre-Med to design and build cost efficient, environmentally friendly cook stoves for Maasai homes.

**For more information contact Professor Bruce Tharp at bmtharp@umich.edu. Stamps School of Art & Design at the University of Michigan**
Product Design at Oregon

1 Salone Satellite Exhibition in Milan, Italy, with student work by Rita Clare, Liz Zarro, Sean Leyden, Jessica Giden, Sarah Pierce, Zander Eckblad, Yawei Zhang, Chris Lau, Josh Larsen, and Brooke Anderson.

2 Damien Menard-Oxman, Charlie Hartzell, and Ian Kenny, Melas LED Streetlight, "Efficient Public Lighting Options for Salem, Oregon, Sustainable Cities Year".


5 Ian McCuaig, Backpack with Supportive Laptop Storage.

Join us in designing a better world.

BA or BS in Material and Product Studies
University of Oregon, Eugene

BFA in Product Design
University of Oregon, Portland

MS in Sports Product Design*
University of Oregon, Portland

MDES in Product Design*
University of Oregon, Eugene

*Pending approval, starting 2016.

APPLY JANUARY 15
VISIT THE WEBSITE FOR APPLICATION INSTRUCTIONS.

pd.uoregon.edu

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DESIGN is a verb.

Integrated
Product
Design

ENGINEERING / DESIGN / BUSINESS
This infusion pump concept and interface design centered on improving the user's speed and accuracy when accessing medication needs and adjusting infusion rates.

1. Adaptive pedal for cyclists with spinal cord injuries.
2. Adaptive shifting apparatus for cyclists with spinal cord injuries.

Matt Parkin (B.S. Design '15)

Inflatable lighting solutions for the outdoors.

Matt Bernard (B.S. Design ’16)
Brooke Keene (B.S. Design ’15)
Tanner Gould, Alex Muzio

Re-design of the hospital crash-cart.

Court Skabelund (B.S. Design ’15)
Dane Antes (B.S. Design ’15)
John Fabela (B.S. Design ’16)

Re-design of the hospital crash-cart.

Matt Parkin (B.S. Design ’15)

Modular bear canister.

Alex Pastucha (B.S. Design ’15)

Adaptive pedal for cyclists with spinal cord injuries.

Remington Plewe (B.S. Design ’15)
Designing
for People

Packaging by Nicole Willer, for Marbles®, the Brain Store

Custom greenhouse design by Laura Riley, Summer Morning

Design by Matthew Shevitz for Dick’s® Sporting Goods

Walla Walla University

Designing for People
Graduate Studies in Design

MFA Color & Materials Design
In the Color & Materials Design program, the first Master's program of its kind in the United States, students build an advanced knowledge of color, new materials, finishes and processes to develop a practitioner's expertise in their application to various design solutions.

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CCS is ranked the #3 design school in the U.S. and best in the Midwest based on alumni success – LinkedIn Top Ranked University 2014–15