

# Division of Experience-Based Learning and Career Education 2017-2018 Annual Report

## Contents

Cooperative Education.....	3
Participation.....	3
Program Spotlights.....	5
UC’S FIRST-OF-ITS-KIND FINE ARTS CO-OP PREPARES CREATIVE STUDENTS FOR THE JOB MARKET ...	5
KUDOS!.....	5
Student Spotlights.....	5
MORGAN BEER, BIOMEDICAL ENGINEERING .....	5
NICHOLAS HUNT, INDUSTRIAL DESIGN.....	5
MEGAN DORNING, COMMUNICATION.....	5
LINGMENG WANG, MECHANICAL ENGINEERING .....	6
Internship Program .....	6
Participation.....	6
SPOTLIGHTS.....	6
STUDENTS EXAMINE HEALTH CARE DISPARITIES IN OAXACA .....	6
ACADEMIC INTERNSHIP PROGRAM .....	6
Undergraduate Research .....	6
Participation.....	7
UNDERGRADUATE SCHOLARLY SHOWCASE .....	7
STUDENT SPOTLIGHTS .....	7
BEREKET HAILE, BIOLOGY .....	7
IRFAN IBRAHIM, DESIGN RESEARCH .....	7
Service Learning .....	7
Participation.....	7
SPOTLIGHT .....	8
UC Forward .....	8
Participation.....	8

PARTNERSHIP SPOTLIGHTS .....	8
STANDARD TEXTILE CHALLENGE FALL 2017.....	8
URBAN LAND INSTITUTE HINES STUDENT COMPETITION SPRING 2018 .....	8
International Programs .....	9
Participation.....	9
STUDENT SPOTLIGHT .....	9
CHRIS STARK, INDUSTRIAL DESIGN .....	9
Career Services.....	9
CAREER COACHING .....	9
PEER CAREER COACHES .....	9
FIRST YEAR EXPERIENCE & LEARNING COMMONS.....	9
CAREER TRAINING FOR ADVISORS.....	9
HANDSHAKE .....	10
HOW-TO CAREER GUIDES .....	10
CAREER FAIRS.....	10
PROFESSIONAL & TECHNICAL FAIRS .....	10
E2C SYMPOSIUM.....	10
EDUCATION CAREER FAIR .....	10
Contact Us.....	11

## Cooperative Education

### Participation

#### Co-op Placements By College

College	Number of Co-op Placements
Arts and Sciences	38
Engineering and Applied Science	3,354
CECH (Information Technology)	407
DAAP	1,377
Lindner College of Business	1,438

Number of co-op placements: 6,614

Co-op earnings during this period: \$64 million+

#### Average Co-op Wage by Major

College	Major	Average Hourly Wage
College of Design, Architecture, Art and Planning	Bachelor of Science, Architecture	\$15.85
College of Design, Architecture, Art and Planning	Fashion Design	\$14.37
College of Design, Architecture, Art and Planning	Fine Arts	\$11.14
College of Design, Architecture, Art and Planning	Graphic Communication Design	\$16.29
College of Design, Architecture, Art and Planning	Industrial Design	\$16.41
College of Design, Architecture, Art and Planning	Interior Design	\$16.08
College of Design, Architecture, Art and Planning	Master of Design	\$20.91
College of Design, Architecture, Art and Planning	Master Community Planning	\$13.31
College of Design, Architecture, Art and Planning	Master of Architecture	\$18.39
College of Design, Architecture, Art and Planning	Urban Planning	\$12.95
College of Education, Criminal Justice, and Human Services	Information Technology	\$15.43

College	Major	Average Hourly Wage
College of Engineering and Applied Science	Aerospace Engineering	\$17.84
College of Engineering and Applied Science	Architectural Engineering	\$16.07
College of Engineering and Applied Science	Biomedical Engineering	\$16.93
College of Engineering and Applied Science	Chemical Engineering	\$19.49
College of Engineering and Applied Science	Civil Engineering	\$15.95
College of Engineering and Applied Science	Computer Engineering	\$18.40
College of Engineering and Applied Science	Computer Science	\$18.35
College of Engineering and Applied Science	Construction Management	\$16.42
College of Engineering and Applied Science	Electrical Engineering	\$18.78
College of Engineering and Applied Science	Electrical Engineering Technology	\$17.50
College of Engineering and Applied Science	Environmental Engineering	\$17.87
College of Engineering and Applied Science	Mechanical Engineering	\$18.16
College of Engineering and Applied Science	Mechanical Engineering Technology	\$17.31
Arts & Sciences	Communication	\$12.77

UC co-op students worked in 40 states. The top 5 states were Ohio, Kentucky, California, New York and Indiana.

Co-ops worked at 1,239 employers.

Top 5 Companies for Communication Co-op

1. Vector Solutions
2. TaleMed
3. 84.51°
4. InteractOne
5. The Corporation for Findlay Market

Top 5 Companies for DAAP Co-op

1. University of Cincinnati
2. Hasbro Inc.
3. Fossil Group, Inc.
4. Libby Perszyk Kathman (LPK)
5. GBBN

Top 5 Companies for Co-op in Engineering and IT

1. University of Cincinnati
2. General Electric

3. Siemens Corporation
4. Honeywell Intelligrated
5. Kinetic Vision

#### ON-CAMPUS INTERVIEWS

Companies conducted 1,758 on-campus interviews.

#### Program Spotlights

##### UC'S FIRST-OF-ITS-KIND FINE ARTS CO-OP PREPARES CREATIVE STUDENTS FOR THE JOB MARKET

UC is the first and only public university in the nation to offer cooperative education in fine arts.

Thanks to this ground-breaking program, art students learn how to market themselves as working artists and gain real-world experience before they graduate. For instance, they have designed toys for name-brand toymaker Fisher-Price, curated gallery shows, and created fiber art at a Maine dairy farm.

The program was established to “help a group of students who have creative and technical skills bridge the gap between their coursework on campus and their options for future careers,” says professor and program director Aaron Bradley. “We’re helping them explore the value of their degree as it pertains to what they can do after graduation.” It’s a way to take the DAAP artist out of the solitary studio and into the real world – where they can have fulfilling, sustainable artistic careers and lives.

#### KUDOS!

The Division’s team that supports cooperative education in the College of Design, Architecture, Art and Planning received the 2018 DAAP Annual Award for Outstanding Service. The award recognizes the team’s leadership, achievement and contributions to the College and the University.

#### Student Spotlights

##### MORGAN BEER, BIOMEDICAL ENGINEERING

Morgan Beer co-oped with Minimally Invasive Devices and Boston Scientific, where her supervisors were impressed with her initiative, attention to detail, organization, and leadership skills. Morgan also served as president of UC’s Society of Women Engineers. She now works in Johnson & Johnson’s Global Operations Leadership Development Program.

##### NICHOLAS HUNT, INDUSTRIAL DESIGN

A native of Cincinnati, Nicholas Hunt completed his last co-op with Evolve Collaborative consultancy in Portland, Oregon. Nick worked on projects from multiple industries and company brands. One of his most memorable moments was learning to surf with the entire team at Evolve. He is pursuing a career in industrial design for outdoor gear.

##### MEGAN DORNING, COMMUNICATION

Megan earned a degree in Communication with a minor in Marketing and a certificate in Public Relations. She completed co-op terms with BHDP Architecture and Design, Findlay Kitchen, and the

digital marketing agency GNGF. Her experiences helped her discover a passion for writing, branding, and the design industry.

### LINGMENG WANG, MECHANICAL ENGINEERING

Lingmeng Wang is a student in the Chongqing University- University of Cincinnati Joint Co-op Institute. She completed co-op terms at PCB, Siemens China, and Mercedes-Benz (China), where her employers spoke highly of her. Exploring different industries allowed Lingmeng to make a life-changing decision to pursue a career in business management.

## Internship Program

### Participation

More than 200 students enrolled in Professional Development Internship Courses in this division  
More than 60 students who enrolled in Pre-Health Professional Development Courses in this division

70 students completed an internship. Of those, 38 completed the internship reflection course through this division, and 32 completed a reflection course through their home department or did not take a reflection course.

### SPOTLIGHTS

#### STUDENTS EXAMINE HEALTH CARE DISPARITIES IN OAXACA

Responding to considerable interest among students to learn more about global health care, Robin Selzer, PhD, designed a new course called Social Justice Awareness and Global Health Experiences to open students' eyes to health care conditions in other parts of the globe. Dr. Selzer is an assistant professor and director of the Pre-Health Internship Program in UC's Division of Experience-Based Learning & Career Education.

Dr. Selzer and a class of 18 interdisciplinary science majors traveled to Oaxaca, Mexico, in April 2018, where they shadowed in two hospitals, observing and gaining insight into the political and social problems that interfere with the region's health care equality. Students also studied Oaxacan culture including traditional healing practices and powerful protest art. Students were affected by the learning experience. As one student said, "The trip really reminded me why I want to be a physician."

#### ACADEMIC INTERNSHIP PROGRAM

Sara Kemerer, who studies communication, public relations and marketing, completed an internship at the Capitol Riverfront Business Improvement District in Washington, DC, where she managed social media, newsletters, and a website for a community of 7,000 people. In another internship, she planned a national conference in Cincinnati for the National Farm to School Network. She says, "The best classroom for many students is the real world – receiving that hands-on experience."

## Undergraduate Research

## Participation

2,182 undergraduate students participated in research courses across 10 colleges

### UNDERGRADUATE SCHOLARLY SHOWCASE

A research showcase was held in Tangeman University Center in April 2018, in which:

- **698** students presented **403** posters and slide show presentations
- Presenters included students from **48** different majors and **nine** colleges
- **150** volunteer judges included UC faculty, staff, graduate students, and recruiters and representatives from **46** employer-partners.

### STUDENT SPOTLIGHTS

#### BEREKET HAILE, BIOLOGY

As an undergraduate, biology major Bereket Haile accumulated three years of research experience in two labs at UC's College of Medicine. In one project, supervised by Dr. Rafeeq Habeebahmed, he demonstrated the effectiveness of a naturally occurring biochemical in regenerating heart tissue after a heart attack. Bereket will begin medical school at UC in fall 2018.

#### IRFAN IBRAHIM, DESIGN RESEARCH

Irfan Ibrahim is an interdisciplinary designer/researcher with a passion for information visualization and storytelling. Through his interdisciplinary research inside and outside the classroom, Irfan has developed a striking capacity to translate complex ideas into engaging narratives – for example, a map showing conflicting perspectives on the meaning of “safety” in the wake of a high-profile police shooting.

## Service Learning

### Participation

4,140 undergraduate students enrolled in Service Learning courses

College	Students Participating in Service Learning
Allied Health Sciences	603
Arts and Sciences	1,312
Business	704
College-Conservatory of Music	29
DAAP	68
Education, Criminal Justice and Human Services	329
Engineering and Applied Science	649
Medicine	70
Nursing	127
UC Blue Ash College	118
UC Clermont College	131

## SPOTLIGHT

The Pay It Forward initiative is developing a new generation of philanthropists through an innovative course-based service-learning program that engages Ohio college students in hands-on philanthropy, grant-making, and volunteer service while providing community nonprofits with much-needed assistance during difficult economic times.

In the 2017-2018 academic year, Ohio Campus Compact supported nine courses at the University of Cincinnati with \$500-\$1000 grants plus a \$500 match from the University. In each course, students studied philanthropy, identified community needs, established funding criteria, and jointly decided which two charitable organizations would receive the money. Most students also volunteered up to 15 hours with the nonprofit agencies under review.

The Pay It Forward student philanthropy initiative is inspired by UC Bearcat Roger Grein '64, MBA '66, who, despite serious health challenges, gradually saved up a small fortune and invited students to help him decide how to distribute it, out of a desire to teach future generations the joys and responsibilities of giving.

## UC Forward

### Participation

1,881 students enrolled in 112 UC Forward course sections across 11 colleges

## PARTNERSHIP SPOTLIGHTS

### STANDARD TEXTILE CHALLENGE FALL 2017

This innovation course was conducted with corporate partner Standard Textile to support interdisciplinary teams of students from Mechanical Engineering, Environmental Engineering, Art History, and other disciplines in developing a new approach to addressing energy efficiency, privacy, and functionality for the windows of the future. A research and development engineer from the company led the teams through design and patenting processes to produce four proposals, two of which were selected for cash awards and further development.

### URBAN LAND INSTITUTE HINES STUDENT COMPETITION SPRING 2018

A UC Forward-sponsored interdisciplinary student team comprised of Real Estate, Urban Planning, and Architecture students received national recognition for an urban development proposal for Toronto. Students worked closely with professional mentors from the Urban Land Institute (ULI) Cincinnati Chapter. Two out of three University of Cincinnati teams garnered an honorable mention from among 122 submissions. Conducted by UC Forward through a Service Learning & Civic Engagement (SLCE) course, this annual program integrates different disciplines in a competition format that mimics professional activity.

## International Programs

### Participation

More than 135 students worked abroad through the International Experience Program, Worldwide Independent Experiences, and the International Co-op Program. Employers are increasingly interested in students who have developed cultural competence through an international work experience.

### STUDENT SPOTLIGHT

#### CHRIS STARK, INDUSTRIAL DESIGN

Industrial design major Chris Stark traveled to London for his fourth experiential learning experience in fall 2017. At Lacaze, a designer and manufacturer of luxury bespoke furniture, Chris redid schematic drawings for a client and designed pieces for the company's new product line. His employers were so impressed with his technical and professional skills that they offered him a full-time job. As a result, Chris will live and work in London after graduation. [Read Chris' blog about his London experience.](#)

## Career Services

### CAREER COACHING

420+ one-on-one career coaching appointments completed with undergraduate students, graduate students, and alumni on subjects including resumes/cover letters/CVs, interview preparation, career assessment, job search and graduate school preparation.

### PEER CAREER COACHES

In fall 2017, we deployed our first Peer Career Coaches. These students, many of them with interests in human resources or coaching, were trained to respond to common career questions, review resumes and cover letters, and give basic, sound career guidance to students in all majors. For 20 hours per week, students, graduate students, or alumni could walk in without an appointment and receive career coaching when it fit their schedule.

### FIRST YEAR EXPERIENCE & LEARNING COMMONS

Through a "train the trainer" approach, we were able to share resume tips and interview skills with first-year students in more than 250 learning communities in the McMicken College of Arts and Sciences, the College of Allied Health Sciences, and the College of Engineering and Applied Science.

### CAREER TRAINING FOR ADVISORS

In fall 2017, we extended the reach of our small staff by educating academic advisors on career theory, assessments, division resources, and case studies. As a result, more students have exposure to basic career education resources through one-on-one appointments with their advisors. Resources from this training were added to the Advising Community Blackboard so advisors can always access them.

## HANDSHAKE

In spring 2018, we launched Handshake to replace HireUC. With this shift, UC joins more than 500 colleges and universities in using Handshake to connect students with thousands of internship and job opportunities close to home and around the world.

## HOW-TO CAREER GUIDES

We introduced four new online career guides so that current students, distance learning students, and alumni can access them anytime. The guides address many front-line questions about writing a resume, informational interviewing, job interviews, and career resources on campus.

## CAREER FAIRS

### PROFESSIONAL & TECHNICAL FAIRS

UC's Professional and Technical Career Fairs are the largest recruiting events on campus. The three-day events bring together job-seekers and recruiters to fill co-op, internship, and full-time positions twice a year.

#### Career Fair Attendance 2017-2018

<b>Career Fair Day</b>	<b>Fall 2017</b>	<b>Spring 2018</b>
Professional Day: focus on Business and Arts and Sciences	177 companies and 2,307 students	168 companies and 1,626 students
Technical Day: focus on Engineering and Information Technology (IT)	216 companies and 2,505 students	181 companies and 2,297 students
Interview Day	79 companies conducted 934 interviews	47 companies conducted 535 interviews

## E2C SYMPOSIUM

An "un-career-fair" for the University's design, architecture, art and planning students, E2C features a unique Creative Blitz on the first day where employers can see students' creative problem-solving in action and invite them to interview the next day. The second day follows a more traditional format with students talking one-on-one with recruiters and attending industry panels and information sessions. In all, 175 creative professionals representing 75 organizations from 46 cities and 22 states interacted with more than 500 students in nine different creative disciplines. Moreover, local nonprofit Starfire Council received 1,100 hours of *pro bono* design work in the form of proposals from the Creative Blitz!

## EDUCATION CAREER FAIR

The University of Cincinnati joined with six local colleges and universities to host the Southwest Ohio/Northern Kentucky Education Career Fair. The fair benefited 362 students from the region, who secured 857 on-campus interviews with 93 employers from nine states in one day. UC had the strongest showing with 158 students and alumni securing 484 same-day on-campus interviews.

## Contact Us

University of Cincinnati

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