

MAKERS, CREATORS & COLLABORATIVE INNOVATORS

Carnegie Mellon is a place where learning is a hands-on experience that includes making things. The university's roots as a technical trade school founded for the sons and daughters of steelworkers instills in us deep appreciation for the power of making things.

This making things approach to learning with a combination of the residential campus experience with fellow makers of all disciplines has driven Carnegie Mellon's educational experience for more than a century.

At Carnegie Mellon, you can pursue any undergraduate degree here and choose to be a maker, or an innovator, or a creator. It all starts with an idea.

The university offers pathways open to all majors to tinker. To research. To collaborate with diverse cohorts. To find something that makes your brain tick.

OPPORTUNITIES

IDeATe

The Integrative Design, Arts and Technology Network

Meeting of the Minds

Center for Innovation and Entrepreneurship

BXA Intercollege Degree Programs



IDeATe: THE INTEGRATIVE DESIGN, ARTS AND TECHNOLOGY NETWORK

Through portal courses, the journey to achieving these concentrations or minors begins in their sophomore or junior year. The essential IDeATe hands-on learning experience takes place through **30 interdisciplinary junior/senior collaborative studios** specifically designed for the concentrations. More than 50 faculty members/high-level experts in their fields, from 18 Carnegie Mellon units, participate in the design and delivery of these studios.

IDeATe bridges technology and creative practice. The IDeATe curriculum offers Carnegie Mellon students of any major the opportunity to integrate one of eight unique interdisciplinary concentrations or minors into their degree. Options include:

- Game Design
- Animation & Special Effects
- Media Design
- Learning Media
- Sound Design
- Entrepreneurship for Creative Industries
- Intelligent Environments
- Physical Computing

TECH-ARTS ECOSYSTEM

As the only U.S. university with top-ten ranked units in computer science, engineering, the arts and computational social sciences, Carnegie Mellon is uniquely placed to offer these tech-arts concentrations. The university's Hunt Library has created a facility that includes a digital fabrication shop, a physical computing lab, an interactive media black box and three collaborative design studios that double as classrooms. The new state-of-the-art facility is part of the evolution of the library into a 21st century, mediated learning commons.

Find out how to start your path to an IDeATe minor or concentration at

ideate.cmu.edu



Carnegie Mellon

MEETING OF THE MINDS (MoM)

The Undergraduate Research Symposium is a university-wide celebration of undergraduate research for all disciplines. Display your art. Design a poster. Give a live performance or an oral presentation. Undergraduate majors, from English to computer science, chemistry and economics, have excelled in creative, innovative solutions with a focus on mobility or health care, best exemplifying the humanities, presenting a research poster in the quantitative sciences and submitting a visual or performing arts presentation.

RESEARCH

The cross-disciplinary nature of Meeting of the Minds showcases the endless opportunities to expose yourself to something you may not have even thought of.

MoM Projects

- A Narrative Approach to Understanding Stress Culture (English)
- Assistive Navigation Technology for Visually Impaired Travelers (Math)
- Bill Gates Kissing an Igloo — A Password Management Application with Provable Security and Minimal User Effort (Computer Science)
- Design and Development of the Combustion Car (Engineering)
- Happy Feet — Heels that Convert into Flats (Design)



Find out more about how to participate in the Meeting of the Minds at

cmu.edu/uro/MoM

THE CENTER FOR INNOVATION AND ENTREPRENEURSHIP

The Center for Innovation and Entrepreneurship supports the bustling culture of the university's entrepreneurial spirit by enhancing the innovative ecosystem with lasting contributions throughout the campuses in Pittsburgh and beyond. Part of CIE's mission is to accelerate the commercialization of ingenious ideas and cutting-edge research for the benefit of society.

ENTREPRENEURS

Carnegie Mellon advances research, and advances ideas.

10

Number of Carnegie Mellon startups acquired within the last decade by companies such as Cisco, Google, IBM, LinkedIn, Boeing and Home Depot

300

Number of companies emerging from Carnegie Mellon University within the past 15 years.

Find out more about how to get involved at

cmu.edu/cie

BXA INTERCOLLEGE DEGREE PROGRAMS

Carnegie Mellon offers three degree-granting programs that combine studies in the fine arts and the humanities and social sciences, the natural and mathematical sciences or computer science. Options include:

- ▶ Bachelor of Humanities and Arts (BHA)
This program is designed for academically and artistically talented students who want to develop their interest in the fine arts, while also pursuing studies in the humanities and social/behavioral sciences.
- ▶ Bachelor of Science and Arts (BSA)
This program allows uniquely qualified students the opportunity to pursue their interests in the fine arts and the natural sciences or mathematics simultaneously.
- ▶ Bachelor of Computer Science and Arts (BCSA)
This program provides an ideal technical, crucial and conceptual foundation for students pursuing fields that meld technology and the arts, such as game design, computer music, robotic art and other emerging media.

Alumni Accomplishments

- Sonni Abatta, BHA'03, is a **weekday evening news anchor for WOFL-TV (FOX 35) in Orlando, Florida**. During a six-year tenure with KDKA-TV (CBS), her work featuring the Street Response Unit of the Pittsburgh Police Department earned an AP award and an Emmy nomination.
- Diane Loviglio, BHA'05, is the **founder of Share Some Style**, an online style service to match clients with a stylist in cities all over the U.S. including San Francisco, New York City, Pittsburgh, Seattle, Los Angeles, Boston, Washington, D.C. and Chicago.

Find out more at

cmu.edu/interdisciplinary

Carnegie Mellon University

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