

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
A DEEP APPRECIATION FOR THE
POWER OF MAKING THINGS.

IMAGINING. CRAFTING. SHAPING. BUILDING.

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.

HERE ARE A FEW HIGHLIGHTS of inspirational opportunities at Carnegie Mellon to make ideas become reality:

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

IDEaTe bridges technology and creative practice. The recently launched 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

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. And 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 24/7 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

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.

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)

RESEARCH

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.

Carnegie Mellon advances research, and advances ideas.

For more information on how to get involved, please visit cmu.edu/cie

10

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

300

Number of companies emerging from CMU within the past 15 years.

ENTREPRENEURS

BXA INTERCOLLEGE DEGREE PROGRAMS

Calling all scholars and artists, creatives and academics, Carnegie Mellon offers degree-granting programs that combine the sciences and the arts. Options include:

- Bachelor of Humanities & Arts (BHA)
This program provides depth in one of the fine arts disciplines as well as well-rounded exposure to the humanities, social and behavior sciences.
- Bachelor of Science & Arts (BSA)
This program allows uniquely qualified students the opportunity to pursue their interests in the fine arts and the sciences simultaneously.
- Bachelor of Computer Science & Arts (BCSA)
This provide 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.

DEGREE

GRANTING

PROGRAM

If you are interested in pursuing one of these degree programs, please visit

cmu.edu/interdisciplinary

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.

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