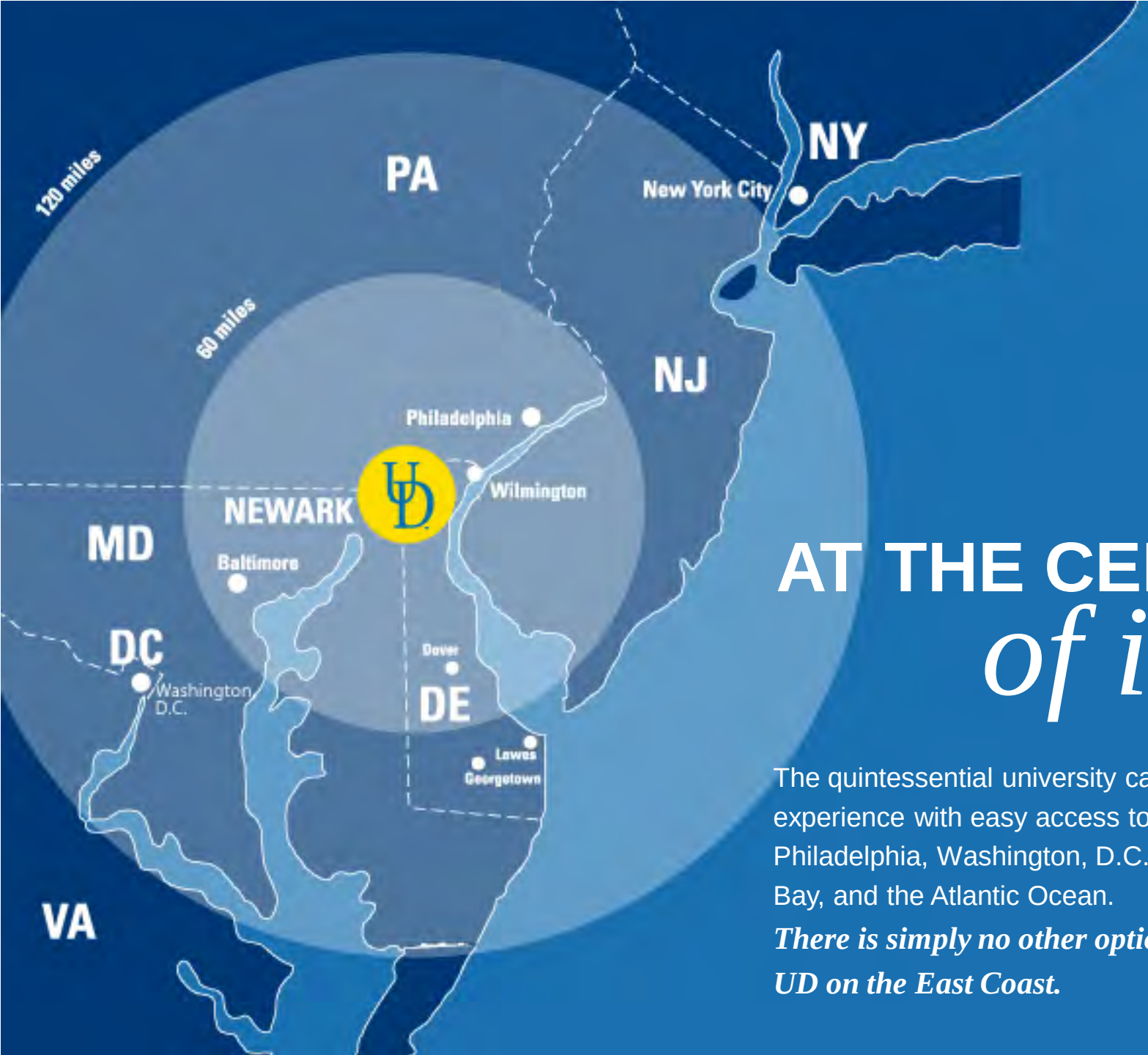
UNIVERSITY OF DELAWARE

STUDY ABROAD

COLLEGE *of* ENGINEERING



AT THE CENTER *of it all*

The quintessential university campus, town, and experience with easy access to New York City, Philadelphia, Washington, D.C., the Chesapeake Bay, and the Atlantic Ocean.

There is simply no other option like UD on the East Coast.

STUDY
ABROAD
INSTITUTE
FOR GLOBAL
STUDIES

The Institute for Global Studies (IGS) is a premier center for international education at the University of Delaware. Home to UD's Study Abroad program, IGS focuses on helping students to expand their awareness & knowledge of issues facing the world.

TRADITION
of excellence

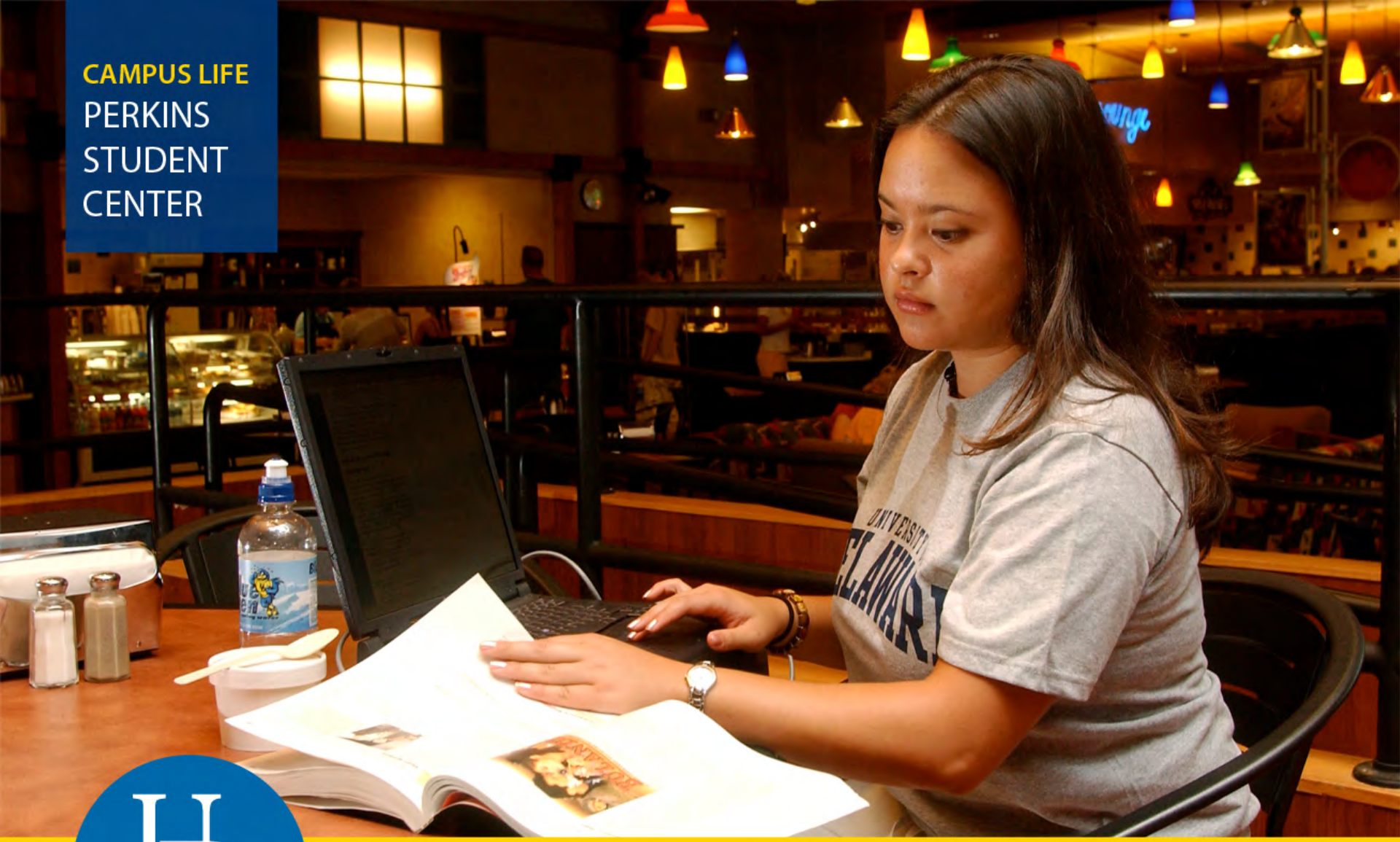
- *Established in 1743*
- *The "State" University*
- *Hybrid Public/Private Governance*
- *Self-sustaining Board of Trustees*
- *Land-, Sea-, Space-, Urban-Grant*
- *Carnegie Research University*
- *Carnegie Community Engagement Classification*
- *Top 100 for federal R&D support*

CAMPUS LIFE

CAMPUS LIFE

THE GREEN

The Green is home to Morris Library, Memorial Hall, and nearly a dozen educational facilities and student laboratories. Students relax & enjoy studying on The Green between classes.



CAMPUS LIFE

PERKINS STUDENT CENTER

Perkins Student Center is home to student organization offices, meeting rooms, lounges, The Scrounge eatery, The Hen Zone game room and the Bacchus Theatre. It also houses student newspaper, The Review & WVUD-FM, the campus radio station.

CAMPUS LIFE

MORRIS LIBRARY

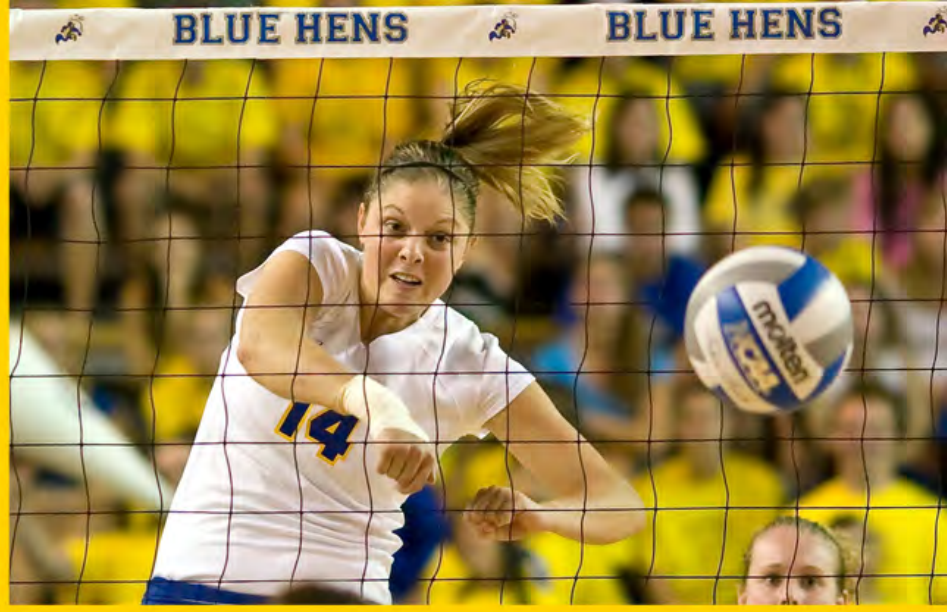
The broadly based and comprehensive collections of the Morris Library parallel the academic interests of the University. The collections include over 2,800,000 books and bound periodicals plus over 410,000 electronic books and over 37,000 electronic journals.

CAMPUS LIFE
TRABANT UNIVERSITY CENTER

Recently renovated in 2012, the Trabant University Center houses the USC student Involvement Office, Greek Life office, quiet study lounges, Trabant Theater & box office, food court, Vita Nova restaurant and more!

CAMPUS LIFE

UD ATHLETICS



Sports are a big part of the Delaware experience. We have 21 varsity sports and more than half of our undergraduate student body participate in intramurals, varsity, club, band, cheerleading, or other sports at UD.

CAMPUS LIFE

INTRAMURAL SPORTS

The University offers a variety of intramural sports including soccer, dodgeball, basketball, tennis, volleyball, and more.

CAMPUS LIFE

CARPENTER SPORTS BUILDING

The Carpenter Sports Building is the premiere student recreation facility. It features more than 100 treadmills, stationary bikes and other exercise machines, plus a running track, swimming pool, rock climbing wall and basketball courts.

ABOUT UD

COST *of* LIVING

$14,625 *Undergraduate tuition per semester*

(**$1,625** *Graduate cost per credit hour*)

$5,779 *Room and board*

$721 *Misc. fees*

$500-1,000 *Books*

$150-2,432 *Meal plans*

FREE *Local transportation*

ACADEMIC OFFERINGS

142 *Bachelor's Degrees*

126 *Master's Programs*

61 *Doctoral Programs*

15 *Dual Graduate Programs*

STUDENTS & FACULTY

17,458 *Undergraduate Students*

2,922 *Graduate Students*

1,203 *Faculty*

3,338 *International Students*
(**652** *in Engineering*)

90 *Countries*

OUR COLLEGES

AGRICULTURE &
NATURAL RESOURCES

EARTH, OCEAN
& ENVIRONMENT

ARTS & SCIENCES

COLLEGE *of* ENGINEERING

HEALTH SCIENCES

EDUCATION &
HUMAN DEVELOPMENT

BUSINESS & ECONOMICS

COLLEGE OF ENGINEERING

EXPERT FACULTY

128 *Tenured and Tenure-Track Faculty*

33 *Named Professors*

6 *Members of NAE*

51 *NSF and DOD Faculty Career*

& Young Investigator Award Winners

17 *University Teaching Award Recipients*

DEPARTMENTS

Civil & Environmental Engineering
Est. 1889 | ABET Accreditation since 1936

Electrical & Computer Engineering
Est. 1891 | ABET Accreditation since 1936

Mechanical Engineering
Est. 1891 | ABET Accreditation since 1936

Chemical & Biomolecular Engineering
Est. 1914 | ABET Accreditation since 1941

Computer & Information Sciences
Est. in A&S 1964 | Joined COE 2010

Materials Science & Engineering
Est. 1998 | Graduate degree programs

Biomedical Engineering
Est. 2010 | ABET Accreditation in progress

7

DEPARTMENTS

Civil & Environmental Engineering

Coastal & Ocean | Environmental & Water Resources
Geotechnical | Transportation | Civil Infrastructure Systems
Structural

Electrical & Computer Engineering

Computer Systems | Cyber Security | Network Science
Software Engineering | Nanoelectronics | Electromagnetics
Photonics | Signal Processing | Communications & Controls
Dynamical Systems, Control & Mathematical Biology

Mechanical Engineering

Biomedical Engineering | Clean Energy & Environment
Composites & Advanced Materials | Nanotechnology
Robotics & Controls

Chemical & Biomolecular Engineering

Bioprocessing | Biomolecular | Biomedical
Catalysis/Reactions | Colloids/Interfaces
Energy/Sustainability | Materials | Polymers/Composites
Process Control/Systems Analysis
Thermodynamics | Transport Separations

DEPARTMENTS

Computer & Information Sciences

Artificial Intelligence | Bioinformatics | Computer Graphics
Computer Networks | Computer Vision
Natural Language Processing & Information Retrieval
Software Engineering | Theory of Information

Materials Science & Engineering

Electronic Materials | Inorganic-Organic Hybrid Materials
Self-Assembly of Materials | Thin Film Materials
Materials Characterization | Polymers & Composites
Biological & Biomedical Materials | Photovoltaics
Photonic Materials | Nanomaterials

Biomedical Engineering

Biodevices | Biocomputing | Bioimaging | Biomechanics
Biomolecular Engineering | Cellular Engineering
Systems Biology | Neuro-Engineering
Rehabilitation Engineering | Tissue Engineering
Biomaterials & Drug Delivery

RESEARCH CENTERS & INSTITUTES

RESEARCH CENTERS

Catalysis Center for Energy Innovation (CCEI)
Center for Applied Coastal Research
Center for Bioinformatics & Computational Biology (CBCB)
Center for Biomechanical Engineering Research (CBER)
Center for Catalytic Science and Technology (CCST)
Center for Composite Materials (CCM)
Center for Fuel Cell Research
Center for Information and Communications Sciences (CICS)
Center for Innovative Bridge Engineering
Center for Molecular & Engineering Thermodynamics (CMET)
Center for the Study of Metals in the Environment
Delaware Center for Transportation(DCT)
UD Mid-Atlantic Industrial Assessment Center

INSTITUTES

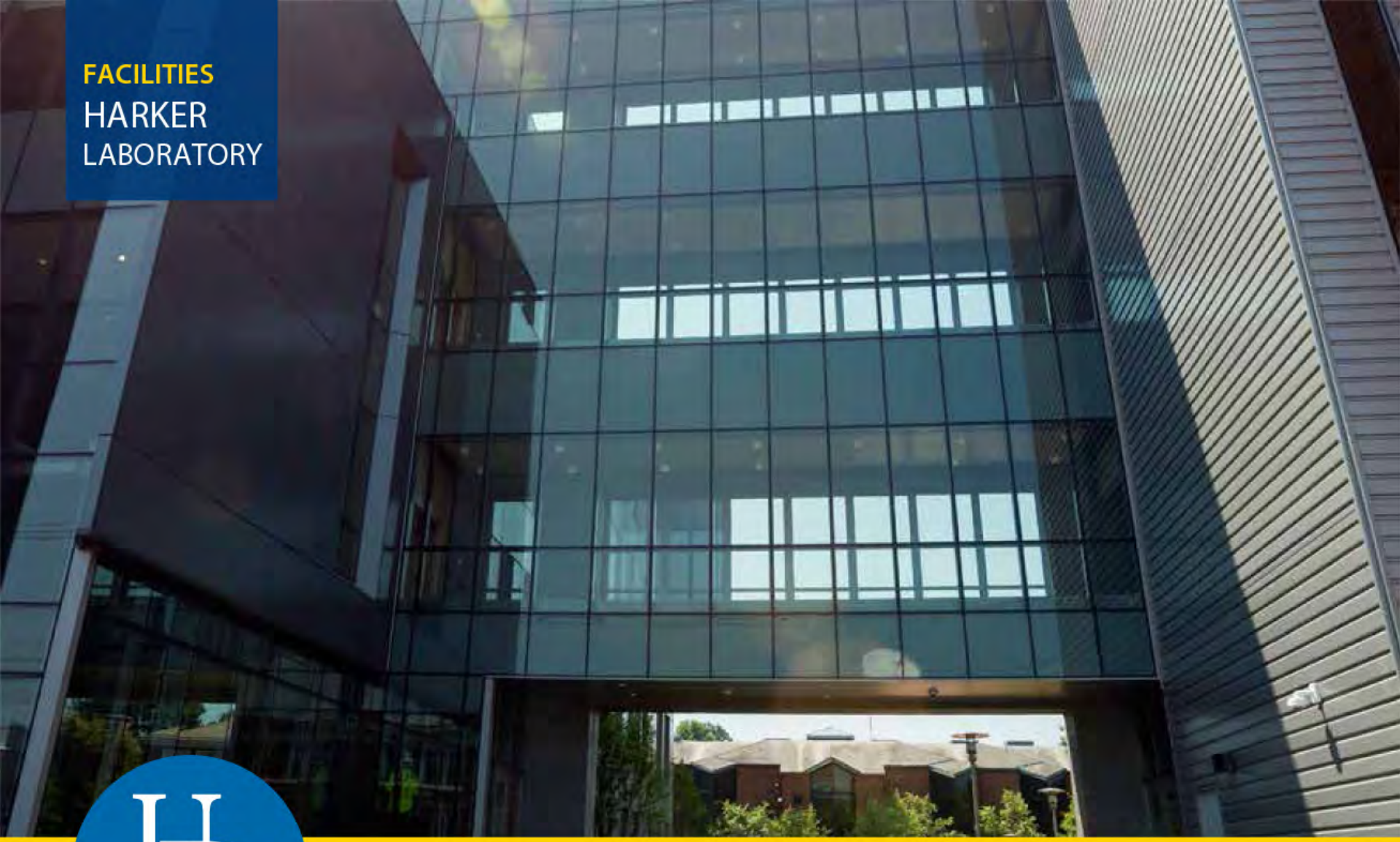
Center for Carbon-Free Power Integration (CCPI)
Delaware Biotechnology Institute (DBI)
Delaware Environmental Institute (DENIN)
Disaster Research Center
Delaware Rehabilitation Institute (DRI)
Energy Institute (UDEI)
Institute of Energy Conversion (IEC)
UD Nanofabrication Facility (UDNF)

STATE *of the* ART
FACILITIES & RESOURCES

FACILITIES

DUPONT HALL

Du Pont Hall, home of the College of Engineering and one of the University of Delaware's most revered buildings, houses state-of-the-art laboratories, classrooms, cleanrooms and offices.



FACILITIES

HARKER LABORATORY

The Harker Laboratory, named for UD's current president Patrick J. Harker, hosts classrooms, teaching labs and energy and environmental research labs. The 194,000 square-foot facility features advanced microscopy, nanofabrication and materials characterization equipment.

FACILITIES
MECHANICAL ENGINEERING DESIGN STUDIO

The Design Studio is a 3,500 square-foot "hacker-space" on the first floor of Spencer Laboratory that includes space for group projects, computer-aided design, prototyping, and design validation. It is a community space that is open 24-7 for mechanical engineering students and their collaborators.

FACILITIES
STAR CAMPUS

UD's Science, Technology and Advanced Research (STAR) Campus is home to cutting-edge research in areas such as health science, cybersecurity, alternative energy, and infrastructure. The 272-acre property is a center of innovation for business, education and research. Partnerships with private businesses and government agencies provide opportunities for students while igniting economic growth within the state.

STUDY ABROAD
THE GLOBAL INITIATIVE

"The University of Delaware community will foster knowledge and awareness of the economic, environmental, political, cultural, and social issues that face the world—and the skills to address them." *- Path to Prominence*

UNIVERSITY *of* DELAWARE

COLLEGE OF ENGINEERING

"Let's go change the world together!"

Babatunde Ogunnaike

Dean, College of Engineering

William L. Friend Chair of Chemical Engineering