UNIVERSITY OF DETROIT MERCY

College of Engineering & Science

THE HOLLANDER GROUP

An Invitation to Apply:
UNIVERSITY OF DETROIT MERCY
DEAN OF THE COLLEGE OF
ENGINEERING & SCIENCE

THE SEARCH

University of Detroit Mercy invites applications and nominations for the position of Dean of the College of Engineering & Science (http://eng-sci.udmercy.edu/index.php). As the chief academic officer and administrative leader of the College, the Dean reports to the Provost and Vice President for Academic Affairs. The College's academic programs provide an exceptional foundation for successful careers in industry-based production, research and development, the health professions, academia and community service.

For 140 years, University of Detroit Mercy, a Catholic University in the Jesuit and Mercy traditions, has been providing student-centered undergraduate and graduate education in an urban setting. Detroit Mercy, with an enrollment of approximately 4,800+ students and 650 full and part-time faculty members at its three campuses, is consistently ranked in the top tier of Midwest Best Regional universities.

Rank and compensation for the Dean position will be commensurate with experience.

RESPONSIBILITIES OF THE POSITION

The responsibilities of the Dean include:
* Serve as the chief representative of the College to the President and President's Cabinet
* Direct and oversee general operation of the College.
* Develop, recommend, justify and manage College budgets.
* Form and work with a leadership team within the College that assists the Dean in achieving her/his goals in a broad range of areas including scholarly productivity,

teaching, program offerings, evaluation, recruitment and retention and outcomes monitoring.

- Provide leadership and vision to ensure high standards, academic excellence and integrity, innovative and effective programs, and student success and satisfaction.
- Provide leadership in the College's collaboration with the University's Marketing and Communications team in order to more effectively market the College's programs.
- Provide leadership in the College's collaboration with the University's Enrollment and Student Affairs team in the recruitment of students for the College's programs.
- Monitor retention rates for undergraduate and graduate students and collaborate with appropriate College personnel to create an appropriate and supportive learning environment.
- Provide leadership, with input from appropriate stakeholders, e.g. faculty, staff and alumni, in the development and implementation of the College's strategic plan.
- Provide appropriate mentoring and development for directors, department chairs and assistant/associate deans and support personnel.
- Work with appropriate faculty committees and leadership teams regarding appointment, promotion, tenure, mentoring, retention, dismissal, and salary adjustment for faculty and administrative staff.
- Annually review all College faculty members providing constructive feedback and developmental advice.
- Lead the College's faculty in the development of new curricula and review and revise existing curriculum with appropriate input, considering student needs and available resources; contribute to program reviews; identify resources to support curricular needs.
- Develop (and continually update) a strategic plan for the College that is aligned with the University's strategic plan and is utilized in forming, operationalizing, evaluating and revising the College's initiatives and programs.
- Prepare reports, plans, and analyses to document and advance the College's activities and initiatives.
- Assure compliance with and respond to accreditation standards.
- With appropriate College personnel manage issues dealing with academic policies and faculty and student issues.
- Support shared governance activities at the College and University level.
- Serve as the conduit for information, discussion, problem solving with faculty, students, alumni, and their colleagues outside the University.
- Collaborate with Marketing and Communications, to develop print and web-based publications that promote the College to prospective students, alumni and the general community.
- Actively represent the College to students, parents, professional organizations, foundations or government agencies, articulation partners, business and industry and other relevant constituencies.
- Represent the College at the state, regional and/or national professional community level.
- Lead the College in its development of physical resources for teaching and research, including where applicable, facilities, laboratory equipment and computing hardware and software.

- Ensure a culture of respect and tolerance.
- Create an environment that supports integrity at the student, staff and faculty levels.
- Partner with the College's dedicated Major Gifts Officer to identify, formulate and implement strategies for fundraising for the College and its priority projects and actively engage in cultivation, solicitation and stewardship activities.
- Support faculty and development-based research activities, including grant writing and pursuit of key programmatic initiatives.
- Participate in meetings of the Academic Leadership Team and contribute to initiatives and activities
- Serve on University committees and task forces.
- Participate in overall strategic planning and decision-making of the University.
- As requested, lead projects or initiatives at the request of the President and/or Provost/ VPAA.

QUALIFICATIONS

The successful candidate will have qualifications and characteristics including:

Required Qualifications
- An earned doctorate in a field aligned with one of the College's academic disciplines.
- A record of advanced leadership in one or more administrative positions.
- An ability to work collaboratively with disciplines in the College, as well as with colleagues within the University.
- An ability to develop deep, collaborative relationships with local industry-based engineering and scientific partners and community organizations.
- Experience with and an understanding of professional accreditation processes and standards.
- A commitment to educational excellence consistent with the Mercy and Jesuit traditions.
- A commitment to diversity.

TO APPLY:

The executive search firm *The Hollander Group* has been retained by University of Detroit Mercy to assist in this recruitment. Applications, comprising cover letter and curriculum vitae, as well as nominations and inquiries, should be submitted electronically to:

Clifford Hollander, PhD, or Sharon Flynn Hollander, MSN, MBA
info@thehollandergroup.net
202-270-8772

Review of submitted materials will begin immediately and will continue until the position is filled. For full consideration, interested persons are encouraged to apply early.

University of Detroit Mercy is an Equal Opportunity Affirmative Action Employer with a culturally diverse faculty and student body and welcomes persons of all races and backgrounds.

UNIVERSITY OF DETROIT MERCY

Mission
University of Detroit Mercy, a Catholic university in the Jesuit and Mercy traditions, exists to provide excellent student-centered undergraduate and graduate education in an urban context. A Detroit Mercy education seeks to integrate the intellectual, spiritual, ethical and social development of our students

Vision
University of Detroit Mercy will be recognized as a premier private university in the Great Lakes region, distinguished by graduates who lead and serve in their communities.

The legacy of University of Detroit Mercy, Michigan's oldest and largest Catholic university, began 140 years ago. The founders, the Society of Jesus (Jesuits) and the Religious Sisters of Mercy, have always believed in the power of education to change people, and through them, the world. To that end, each order began colleges to foster the intellectual, social, spiritual and moral development of individuals.

University of Detroit
In 1877, the Jesuits established Detroit College to educate men and women for careers in the burgeoning city and to serve the "greater good." The curriculum was designed to educate the whole person. The College expanded to become the University of Detroit with three campuses, maintaining its urban commitment.

Mercy College of Detroit
In 1941, the Religious Sisters of Mercy opened Mercy College to prepare young women for careers in nursing and teaching so that they might contribute intelligently and effectively to the welfare of society. Over the years, it expanded into a comprehensive coeducational liberal arts college.

Consolidation: University of Detroit Mercy
In 1990, University of Detroit and Mercy College of Detroit combined their resources and operations in a consolidated institution with the same ongoing commitments. This consolidation has been widely recognized as an effective, creative response to the challenges that face private higher education. The innovative union of these two institutions created University of Detroit Mercy and a new way to carry forth the legacy consistent with its mission.

Detroit Mercy offers more than 100 academic degrees and programs of study through seven schools and colleges on three campuses (McNichols, Riverfront and Corktown). Detroit Mercy has a vital and diverse student population of 4,875 students. Approximately 16 percent are minority students. The Detroit Mercy McNichols campus has 226 full-time faculty members, 89 percent of whom hold doctorate degrees or the highest degrees available in their fields. The University offers a supportive learning environment with a small average class size and accessible faculty. Students learn in a dynamic urban community and gain valuable experience in a diverse metropolitan region. The University places a strong emphasis on service-learning, through which students use skills developed in the classroom to serve the community.

COLLEGE OF ENGINEERING & SCIENCE

The College of Engineering & Science consistently ranks among the best undergraduate engineering, science and math / computer science programs in the nation. The engineering programs comprise the third oldest cooperative education program in the country with degree offerings in architectural, civil, electrical and computer, environmental and mechanical engineering; the science programs prepare students for advanced graduate degrees in biology, chemistry, medicine, dentistry, pharmacology and veterinary science; the math / computer science programs provide solid foundations for careers in industry and academia, as well as in K-12 education.

The College strives for its facilities and laboratories to be state of the art. In 2016, two highly innovative laboratories were dedicated in order to enhance the education of industry-ready engineers and scientists. The 5,200 square foot William L. Koyzra Center for Automotive Systems Engineering Education is designed to foster student teamwork on collaborative projects including competitive vehicle design, robotics and autonomous vehicle development. The iNSPIRE Lab Learning Center serves as a nexus for creative activity, mentoring and undergraduate scientific research.

In addition, Detroit Mercy is the leader in ReBUILDetroit, a National Institutes of Health (NIH) $21.2 million grant committed to encouraging more undergraduate students from underrepresented or economically disadvantaged backgrounds to pursue careers in biomedical research.

Research
Faculty and students in the college are engaged in innovative and creative scholarly research. In the College of Engineering & Science, teaching, scholarship/research, and service is interrelated in a Teacher-Scholar Model. Faculty in the college are campus leaders in providing students with opportunities to engage in experiences rich in practical, thought-provoking scientific research. These include faculty-mentored research and, more recently, additional opportunities for course-based research activities. Dedicated faculty are innovating new technologies for

persons with disabilities. Undergraduates, for instance, can have the opportunity to enhance someone's life by solving a real-world problem and learning at the same time. Freshmen science students can expect a research experience in their first semester.   Students in the SEA-PHAGE Laboratory are part of a national consortium to isolate and characterize new bacteriophage. Individual faculty in all programs of the College also participate in discipline-specific research, thereby allowing undergraduate and graduate students opportunities for presentation and publication of authentic research findings.   Research in the College is highlighted annually in the fall Research Symposium.

Science and Engineering Programs
Engineering Undergraduate Programs:

Architectural Engineering
- Architectural Engineering (BAE)
- Five-Year Bachelor Architectural Engineering - Master in Civil Engineering (BAE-MCE)

Civil Engineering
- Civil Engineering (BCE)
- Five-Year Bachelor-Master Program in Civil Engineering
- Five-Year BS-MS Program in Civil and Environmental Engineering

Electrical and Computer Engineering
- Electrical and Computer Engineering (BEE)
- Five-Year Bachelor-Master Program in Electrical and Computer Engineering (BEE-ME)

Environmental Engineering
- Five-Year Bachelor-Master Program in Civil and Environmental Engineering

Mechanical Engineering
- Mechanical Engineering (BME)
- Five-Year Bachelor-Master Program in Mechanical Engineering

Robotics and Mechatronic Systems Engineering
- Robotics and Mechatronic Systems Engineering
- Five-Year Bachelor in Robotics and Mechatronic Systems Engineering - Master in Electrical and Computer Engineering

Engineering Graduate Programs:

Civil Engineering
- Master of Civil Engineering (MCE)
- Doctor of Engineering with a Major in Civil Engineering (DE)

Electrical and Computer Engineering
- Master of Electrical and Computer Engineering (MECE)
- Doctor of Engineering with a Major in Electrical Engineering (DE)

Environmental Engineering
- Master of Environmental Engineering

Mechanical Engineering
- Master of Mechanical Engineering (MME)

- Doctor of Engineering in Mechanical Engineering (DE)

Product Development
- Master of Science in Product Development

Technical Management
- Master of Science in Technical Management

Certificates
- Advanced Electric Vehicle (AEV)
- Six Sigma
- Systems Engineering

Undergraduate Science Programs:

Biology
- Biology
- Accelerated 5-Year BS/MS Physician Assistant Program
- Accelerated 7-year BS-Biology/DDS Program

Chemistry
- Biochemistry
- Chemistry (BS) (American Chemical Society approved degree)
- Chemistry (BA)
- Five-year BS-MS Program in Chemistry
- Accelerated 7-year BA-Chemistry/DDS Program

Pre-Medical, Pre-Dental and Pre-Physician Assistant Programs
- Accelerated 7-year BS-Biology/DDS Program
- Accelerated 7-year BA-Chemistry/DDS Program
- Accelerated 5-year BS/PA Program

Graduate Science Programs:

Chemistry
- Master of Science with a Chemistry Major

Mathematics, Computer Science and Software Engineering
- Bachelor of Science in Mathematics
- Bachelor of Arts in Mathematics
- Bachelor of Science in Computer Science
- 5-year program in Software Engineering: five-year combined Bachelor of Science in Computer Science and Master of Science in Software Engineering program.

Engineering Program Accreditation

The College's engineering programs received full 6-year accreditation from the Association Board for Engineering and Technology (ABET) in 2016.

College Faculty Profile

Engineering	
Professor	9
Associate Professor	7
Assistant Professor	2
Instructor	2
Science	
Professor	9
Associate Professor	9
Assistant Professor	5
Instructor	3
Lecturer	1
Math and Computer Science	
Professor	3
Associate Professor	5
Assistant Professor	3
Instructor	0
Lecturer	1
TOTAL	**59**

College Student Profile (Fall 2017)

Student enrollments in the College by academic program are:

Program Category	Enrollment
Undergraduate Engineering Programs	250
Graduate Engineering Programs	160
Undergraduate Science Programs	539
Graduate Science Programs	4
Undergraduate Math, Computer Science and Software Engineering Programs	40
TOTAL	**993**

College Staff Profile (Fall 2017)

The faculty and students of the College of Engineering & Science are supported by a a cadre of skilled, helpful staff members..