

THE
UNIVERSITY OF
ILLINOIS
AT
CHICAGO
APPLIED HEALTH
SCIENCES



ANNUAL REPORT 2019

Reporting period: July 2018 to June 2019



College of Applied Health Sciences

2019 marked 40 years of transforming health care practice and social systems for the UIC College of Applied Health Sciences.

Although our degree programs, people—even our college’s name—have evolved, we were, are and always will be educators, discoverers, collaborators and advocates.

For 40 years, and more, we’ve made forward movement toward a world in which every person can live a healthy and self-determined life.

Watch how at go.uic.edu/AHS40years.

Mission

The UIC College of Applied Health Sciences is a socially conscious, research-intensive academic community whose mission is to broaden understanding of applied health sciences and disability.

UI Health

A part of UIC, UI Health is a clinical enterprise that consists of a 465-bed tertiary care hospital, 21 outpatient clinics, 11 federally qualified Mile Square Health Center locations and seven UIC health science colleges, including the UIC College of Applied Health Sciences.

We’re proud to contribute to the clinical, research and academic activities that train health care leaders and foster healthy communities in Illinois and beyond.

Academics

Degrees offered

Bachelor's

Disability and Human Development
Health Information Management (online
and on campus)
Kinesiology
Nutrition
Rehabilitation Sciences

Minor

Disability and Human Development
Kinesiology
Life Science Visualization
Nutrition

Master's

Biomedical Visualization
Disability and Human Development
Health Informatics (online)
Kinesiology
Nutrition
Occupational Therapy
Rehabilitation Sciences

Professional

Doctor of Occupational Therapy
Doctor of Physical Therapy

Doctorate

Biomedical and Health Informatics
Disability Studies
Kinesiology and Nutrition
Rehabilitation Sciences

Certificate

Assistive Technology
Clinical Rehabilitation and
Technology Research
Disability Ethics
Healthy Living Practitioner
Post-Baccalaureate Certificate,
Health Informatics (online)
Post-Baccalaureate Certificate,
Health Information Management
(online)
Post-Master's Certificate, Health
Informatics (online)
Technology-Based Health
Communication and Promotion

Faculty

101

Full-time
equivalent (FTE)

14

Tenure/
tenure-track
male FTE

25

Tenure/
tenure-track
female FTE

17

Non-tenure/
tenure-track
male FTE

44

Non-tenure/
tenure-track
female FTE

Students

2,165 total enrolled students

1159

803

203

Undergraduate

Graduate

Professional

Enrolled students by program

123 Applied Health Sciences

123 Undeclared

529 Biomedical and Health Information Sciences

49 BS: Health Information Management
30 BS: Health Information Management (online)
43 MS: Biomedical Visualization
340 MS: Health Informatics
4 PhD: Biomedical and Health Informatics
33 CAS: Health Informatics
28 CERT: Health Information Management
1 NDEG: Biomedical Health Informatics
1 NDEG: Health Informatics

130 Disability and Human Development

49 BS: Disability and Human Development
4 MS: Disability and Human Development
54 PhD: Disability Studies
23 NDEG: Assistive Technology

798 Kinesiology and Nutrition

602 BS: Kinesiology
63 BS: Nutrition
19 MS: Kinesiology
85 MS: Nutrition
28 PhD: Kinesiology and Nutrition
1 NDEG: Nutrition

120 Occupational Therapy

94 MS: Occupational Therapy
26 OTD: Occupational Therapy

206 Physical Therapy

177 DPT: Physical Therapy
24 MS: Rehabilitation Sciences
1 NDEG: Healthy Living Practitioner
1 NDEG: Ortho Manual PT Fellowship
3 NDEG: Ortho PT Residency

256 Rehabilitation Sciences

240 BS: Rehabilitation Sciences
16 PhD: Rehabilitation Sciences

BS: Bachelor of Science
CAS: Certificate of Advanced Study
CERT: Certificate
DPT: Doctor of Physical Therapy
MS: Master of Science
NDEG: Non-degree
OTD: Doctor of Occupational Therapy
PhD: Doctor of Philosophy

Does not include three college-level non-degree seeking students.

Degrees awarded

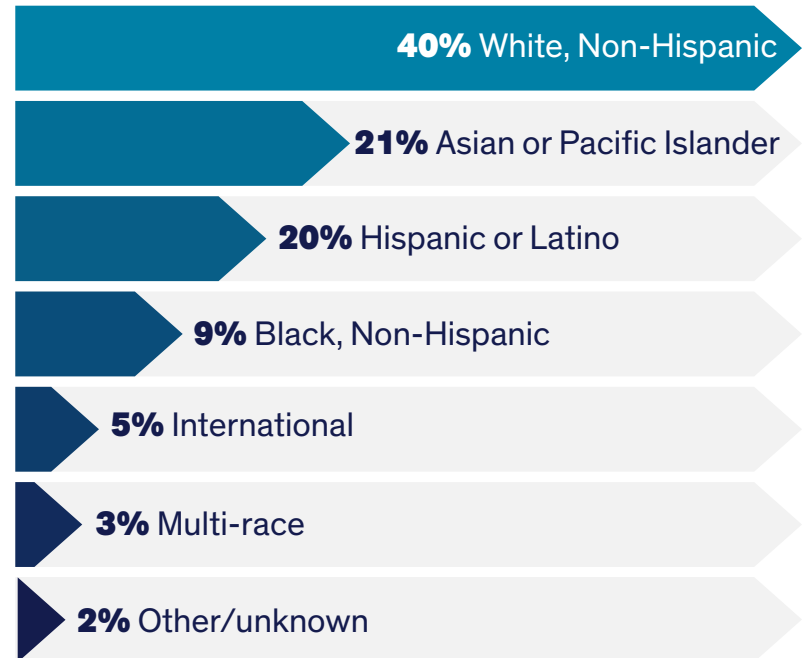
302
Undergraduate

233
Graduate

66
Professional
doctoral

12
Research
doctoral

Enrolled students by race and ethnicity

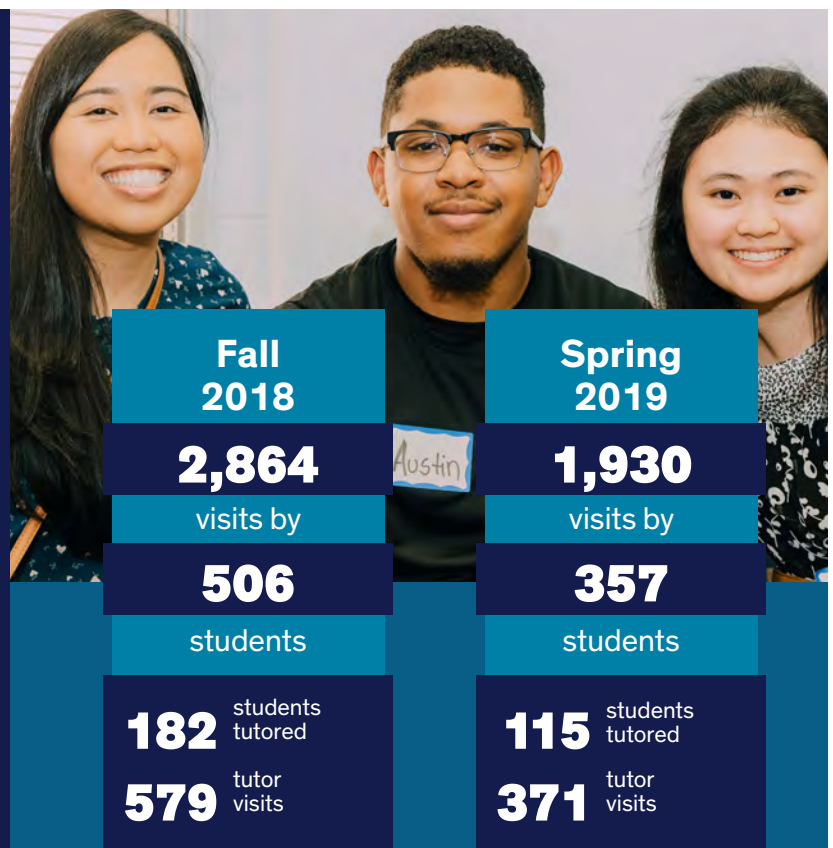


Academic Support and Achievement Program (ASAP)

ASAP provides AHS students with group and one-on-one tutoring.

ASAP offers books and models related to AHS classes, resources for national certification exams, grad school prep tools and professional development resources.

Its workshops cover topics such as time management, exam prep and study skills.





Department of Biomedical and Health Information Sciences

The mission of the Department of Biomedical and Health Information Sciences is to advance the quality and efficiency of healthcare through improved generation, management and communication of biomedical and other healthcare data.

The goals of the department are leadership, innovation, initiative and quality, with a strong focus on the unique arena of health and imaging informatics at the University of Illinois at Chicago.

61
publications

37
articles

2
book chapters

22
other

Academic programs

Minor, Life Science Visualization

BS, Health Information Management (online and on-campus)

MS, Health Informatics (online)

PhD, Biomedical and Health Informatics

Post-Baccalaureate Certificate, Health Informatics (online)

Post-Baccalaureate Certificate, Health Information Management (online)

Post-Master's Certificate, Health Informatics (online)

#5

U.S. News and World Report ranks our **online bachelor's in health information management** No. 5 among all online bachelor's degree programs

First

Our **online master's in health informatics** is the first online graduate program accredited by the Commission on Accreditation for Health Informatics and Information Management Education

Our **PhD in biomedical and health informatics** is the first degree program of its kind in Illinois

#3

Healthcare Administration Degree Programs ranks our **online master's in health informatics**

No. 3 among all health informatics degree programs

Sixteen **academic journal cover illustrations** created by biomedical visualization students

Cover by
Sarah McGuinness



Northwestern Public Health Review





Department of Disability and Human Development

The Department of Disability and Human Development is dedicated to the interdisciplinary study of disability with the goal of removing barriers to the advancement of disabled persons.

We offer intensive graduate-level academic programs that prepare individuals for positions in research, teaching and public service in disability fields.

The Department of Disability and Human Development conducts scholarship and community-based service across the spectrum of disability, including advocacy, culture, education, health promotion, history, policy and technology.

141

publications

74

articles

37

books and
book chapters

30

other

Academic programs

Minor, Disability and Human Development

BS, Disability and Human Development

MS, Disability and Human Development

PhD, Disability Studies

Certificate, Assistive Technology

Certificate, Disability Ethics

50

Administrative home for Bodies of Work, a consortium of over **50 organizations advancing disability arts and culture**

Our **PhD in disability studies** was the first interdisciplinary studies doctoral program of its kind in the U.S.

#4

Our **MS and PhD programs in disability studies** are ranked No. 4 by Universities.com

Leader

National leader in research and training on disabilities, with five large federally funded centers:

- Family Support Research and Training Center
- Great Lakes ADA Center
- Leadership Education in Neurodevelopmental and Related Disabilities
- Rehabilitation Research and Training Centers on Developmental Disabilities and Health
- University Center of Excellence in Developmental Disabilities



Illinois' only **University Center of Excellence in Developmental Disabilities, Education, Research and Service**

Our **bachelor's in disability and human development** is the first degree program of its kind in Illinois



Department of Kinesiology and Nutrition

The mission of the Department of Kinesiology and Nutrition is to:

- generate and advance knowledge in kinesiology and nutrition through research
- afford translation of knowledge by providing scholarship-based community service
- offer academic programs of the highest quality that educate students to serve as innovative practitioners
- prepare students to be lifelong learners and to serve as scholars and leaders

88

publications

83

articles

1

book

4

book chapters

Academic programs

Minor, Kinesiology

Minor, Nutrition

BS, Kinesiology

BS, Nutrition

MS, Kinesiology

MS, Nutrition

PhD, Kinesiology and Nutrition

6

research labs: biomechanics (two), integrative physiology, exercise psychology, locomotor and rehabilitation, physical activity intervention

10

Healthcare Administration Degree Programs ranks our **MS in nutrition** No. 10



Our **Nutrition Teaching Garden** has received a Chicago Excellence in Gardening Award for two consecutive years

14

The National Academy of Kinesiology ranks our **PhD in kinesiology and nutrition** No. 14

100%

For the past 16 years, 100% of our coordinated program students **pass the Academy of Nutrition and Dietetics Registered Dietitian Exam**



Department of Occupational Therapy

The mission of the Department of Occupational Therapy is to achieve excellence and lead the field in education, scholarship and practice.

We conduct this mission with the conviction that education, research and practice are equally valuable, interdependent and mutually enhancing.

We carry out this mission in the context of an urban research university that embraces diversity and partnership with its community, in diverse settings.

50

publications

30

articles

4

book chapters

16

other

Academic programs

MS, Occupational Therapy
Doctor of Occupational Therapy

Since 2012, we've maintained a retention and graduation average of **99.5 percent** in our MS in occupational therapy program

1

U.S. News and World Report ranks our **MS in occupational therapy** program No. 4 in the nation and No. 1 among public universities

Our **Scholarship of Practice** model is nationally and internationally recognized for its contributions to community-engaged scholarship



Home to the internationally acclaimed
Model of Human Occupation Clearinghouse

2

international field placements: Centro Ann Sullivan del Perú (OTD students) and Karolinska Institutet in Sweden (MS students)



Department of Physical Therapy

The mission of the Department of Physical Therapy is to:

- educate practitioners and scholars in the practice and science of PT and other health-related areas to meet current and future societal needs
- advance and apply research and scholarship in rehabilitation sciences and other related fields
- promote excellence in care and health outcomes, and to improve quality of life in the populations we serve
- provide services that benefit individuals, communities, the profession of PT and the broader healthcare arena
- strategically partner with UI Health, UIC schools and departments, other clinical and academic institutions, and national and international collaborators.

134

publications

121

articles

4

book chapters

9

other

Academic programs

MS, Rehabilitation Sciences

Doctor of Physical Therapy

Certificate, Clinical Rehabilitation and Technology Research

Certificate, Healthy Living Practitioner

Certificate, Technology-Based Health Communication and Promotion

Post-professional residency

Orthopedic Physical Therapy

100%

For the past six consecutive years, 100 percent of our doctor of physical therapy graduates **pass the national licensing exam** within 12 months of graduation

#6

U.S. News and World Report ranks our **doctor of physical therapy** program No. 15 in the nation and No. 6 among public universities

38

faculty appointments to international and national review boards and committees

Home to an **innovative faculty practice model** offering orthopedic physical therapy and cardiac rehabilitation



Photo:
Jenny Fontaine

Six clinical research laboratories: health technology, cardiovascular function, imaging, rehabilitation and brain plasticity

Clinical services

Assistive Technology Unit (ATU)

The ATU helps individuals with disabilities achieve maximized independence. Services include adaptive equipment, augmentative communication, computer access, electronic aids for daily living, environmental modification, seating and positioning, and wheeled mobility.

An interdisciplinary team uses a fleet of eight mobile units to bring services to homes, schools, worksites and recreation sites. Over 95 percent of all services take place in community-based settings.

1,284 services were provided to
695 individuals

OT Faculty Practice

The UIC OT Faculty Practice provides occupation-focused, evidence-based and client-centered occupational therapy services to children, youth, adults and families. It applies the UIC Department of Occupational Therapy's Community Engaged Scholarship of Practice Model, which emphasizes the meaningful relationships between community partnerships, research evidence

and occupational therapy practice, to its evaluation, intervention and consultation services.

194

visits were provided to **49** individuals

Developmental Disabilities Family Clinic

The family clinic staff takes a holistic, multidisciplinary approach in providing services that maximize potential with a focus on quality of life for individuals with intellectual and developmental disabilities of all ages and their families.

Services include developmental diagnostics and evaluations with a specialization in autism and intellectual disabilities, psychological and mental health counseling with a specialization in trauma; transition planning; therapy groups; speech therapy; occupational therapy; physical therapy; and family counseling, training and therapy.

Provided diagnostic and support services to **1,011** individuals with disabilities and their families

PT Faculty Practice

Committed to providing a truly exceptional experience for all patients, services include physical therapy, cardiac rehabilitation, cardiopulmonary exercise stress testing and nutrition services. Patients range in age from adolescents to seniors.

Sept. 2018 to Aug. 2019

500

average visits per month

90

average new patients per month

Community engagement

AHS engages with the community through partnerships and direct service.

Faculty across our college have established relationships throughout the Chicago area with organizations such as Chicago Public Schools, El Valor, Access Living, Envision Unlimited and Midwest Brain Injury Clubhouse.

Engagement activities include health promotion in a diverse cultural environment, wellness and healthy living, and advocacy for people with disabilities.

Greater Chicago Food Depository

For nearly a decade, our faculty have collaborated with the Greater Chicago Food Depository to provide experiential learning opportunities for students; translate science into practice to improve the lives of underserved individuals and families; and engage in service and advocacy activities to alleviate food insecurity and promote health equity statewide.

Since 2009, at least 150 students have participated in our partnership. Annually, the Greater Chicago Food Depository opens its doors to help educate students about food insecurity, the role and structure of the charitable/emergency food system, and current policy issues facing families that are food insecure.

GiGi's Playhouse Chicago

GiGi's is part of an international network of achievement centers created to provide free therapeutic and educational programs to individuals with Down syndrome, their families and their communities.

Since 2011, GiGi's has been an instrumental partner for AHS and especially for the Department of Occupational Therapy. OT's partnership with GiGi's allows the department to pursue its mission to serve the people of Chicago through community agencies, and to disseminate this work through publications and presentations. OT students have contributed over 1,000 hours of volunteer service to GiGi's programs.

Advancement

We are proud to count AHS alumni, friends, students, faculty and staff among the supporters who help us sustain excellence in education, research, service and advocacy. Donor generosity has fueled our success in IGNITE: The Campaign for UIC, as we make progress toward our \$15 million fundraising goal.



COLLEGE OF APPLIED HEALTH SCIENCES

\$9,055,999
of **\$15M GOAL**

ENDOWED FUNDS

Scholarships: 18
Lectureships: 4
Professorships: 1
Other: 3

308
individual donors

\$541,279
Total donations
(Includes contributions from individuals, foundations and corporations)

Research and scholarship

AHS is a consistent leader in research funding for allied health, with an expansive portfolio of research projects conducted in laboratories, clinics and the community.

Financial support for the college's research comes from federal and state agencies, disease-related organizations and community foundations.

Studies by AHS investigators have national and international impact in discovering new knowledge, translating findings into practice, creating intellectual property and supporting the college's educational mission.

Sponsored Program Expenditures

\$9,045,581

\$1,542,495

\$1,838,795

 Federal

 Private

 State

AHS researchers are partners in collaborative projects with their colleagues in the UIC colleges of Nursing, Medicine, Dentistry and Engineering, and the School of Public Health.

Community partners include the Chicago Public Schools, El Valor, Easter Seals and more. Such collaborations will become increasingly important in the future.

\$315,802

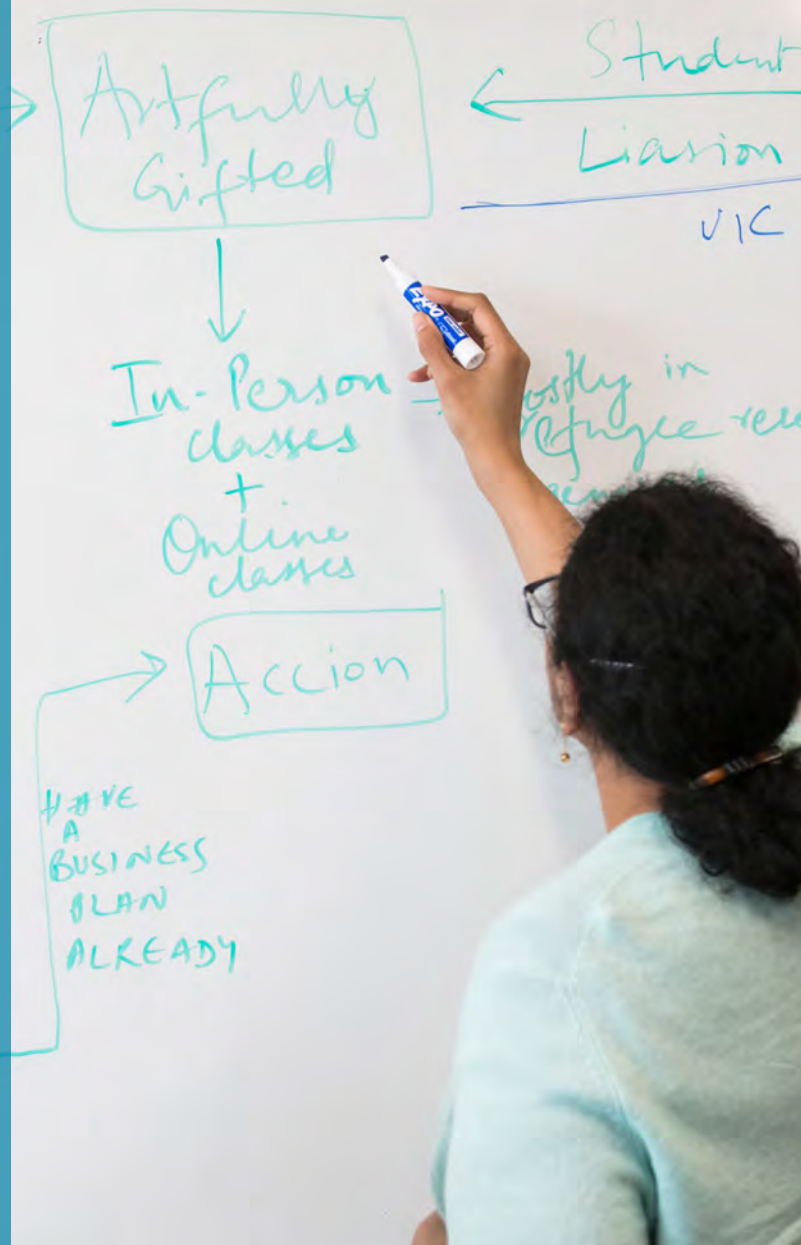
Sponsored expenditures per
tenure/tenure-track faculty
(full-time equivalent)

\$12,426,871

Total sponsored
program expenditures

Notable areas of research strength at AHS

- obesity and diabetes
- biomechanics
- community-based participatory research
- enhanced standards and processes for creating, using and protecting **health information** to improve clinical outcomes
- **exercise** physiology
- increased access for and **participation** by people with disabilities
- **health disparities**
- social and cultural determinants of **dietary behaviors**
- **cardiovascular health**



AHS Office of Research

112

Grant applications processed with AHS faculty as principal investigators

83

Grant applications awarded to AHS faculty as principal investigators



**University of Illinois at Chicago
College of Applied Health Sciences**

1919 W. Taylor St., Chicago, IL 60612
312-996-6695 | ahsinfo@uic.edu | ahs.uic.edu

 [linkedin.com/school/UICAHS](https://www.linkedin.com/school/UICAHS)

 [facebook.com/UICAHS](https://www.facebook.com/UICAHS)

 [@UICAHS](https://twitter.com/UICAHS)