

THE  
UNIVERSITY OF  
ILLINOIS  
AT  
CHICAGO  
APPLIED HEALTH  
SCIENCES

# ANNUAL REPORT 2018





# College of Applied Health Sciences

## Vision

**The UIC College of Applied Health Sciences will be recognized as a national and international leader in health sciences through our excellence in preparing highly qualified professionals, leading scholars and community leaders.**

**Our scholarly, academic efforts and community engagement will transform society through improved health, inclusion and participation without discrimination in a complex interdisciplinary and multicultural world.**

## Mission

**The 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.**

We strive to identify and meet the health needs of our society and pursue our mission by:

- educating health professionals and scholars who excel in a complex, multicultural world.
- discovering and translating new knowledge that transforms healthcare practice, social systems and related technologies for the benefit of individuals, families and communities.
- collaborating with our urban community partners in mutually beneficial ways.
- providing health services of the highest quality with emphasis on eliminating health disparities affecting individuals and communities.
- advocating for public policies, perceptions and practices that lead to the inclusion and participation of people with disabilities in society.

# 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  
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 Information Management  
(online)  
Post-Master's Certificate, Health  
Informatics (online)  
Technology-Based Health  
Communication and Promotion

## Faculty

**96**

Full-time  
equivalent (FTE)

**13**

Tenure/  
tenure-track  
male FTE

**25**

Tenure/  
tenure-track  
female FTE

**18**

Non tenure/  
tenure-track  
male FTE

**40**

Non tenure/  
tenure-track  
female FTE



# Students

2,011 total enrolled students

997

821

193

Undergraduate

Graduate

Professional

## Enrolled students by program

### 572 Biomedical and Health Information Sciences

- 53 BS: Health Information Management
- 45 BS: Health Information Management (online)
- 43 MS: Biomedical Visualization
- 349 MS: Health Informatics
- 3 PhD: Biomedical and Health Informatics
- 45 CAS: Health Informatics
- 32 CERT: Health Information Management
- 2 NDEG: Health Informatics

### 100 Disability and Human Development

- 28 BS: Disability and Human Development
- 4 MS: Disability and Human Development
- 45 PhD: Disability Studies
- 23 NDEG: Assistive Technology

### 805 Kinesiology and Nutrition

- 626 BS: Kinesiology
- 48 BS: Nutrition
- 23 MS: Kinesiology
- 82 MS: Nutrition
- 26 PhD: Kinesiology and Nutrition

### 114 Occupational Therapy

- 95 MS: Occupational Therapy
- 19 OTD: Occupational Therapy

### 210 Physical Therapy

- 26 MS: Rehabilitation Sciences
- 174 DPT: Physical Therapy
- 7 NDEG: Ortho Manual PT Fellowship
- 2 NDEG: Ortho PT Residency
- 1 NDEG: Rehabilitation Sciences

### 208 Rehabilitation Sciences

- 195 BS: Rehabilitation Sciences
- 13 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 two college-level non-degree seeking students



## Degrees awarded

**271**

Undergraduate

**264**

Graduate

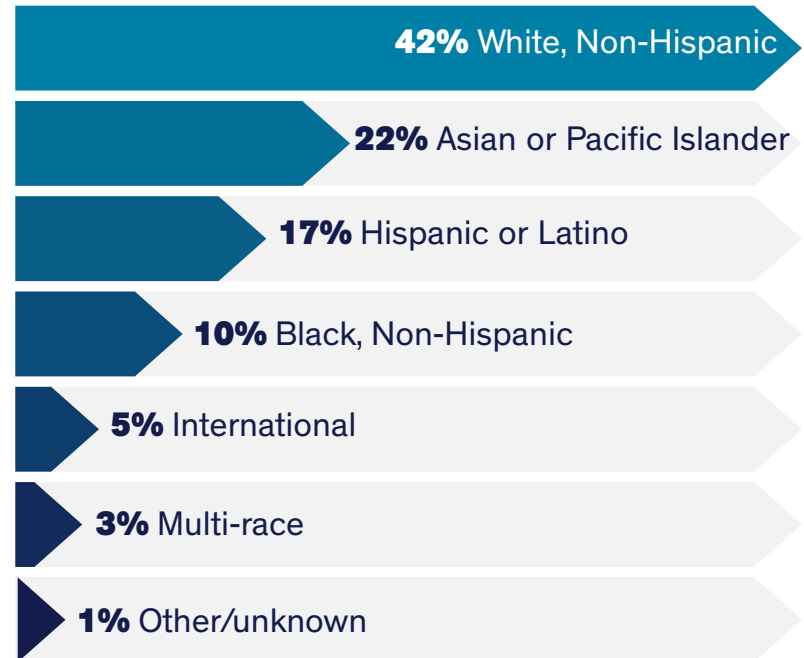
**64**

Professional  
doctoral

**9**

Research  
doctoral

## Enrolled students by ethnicity

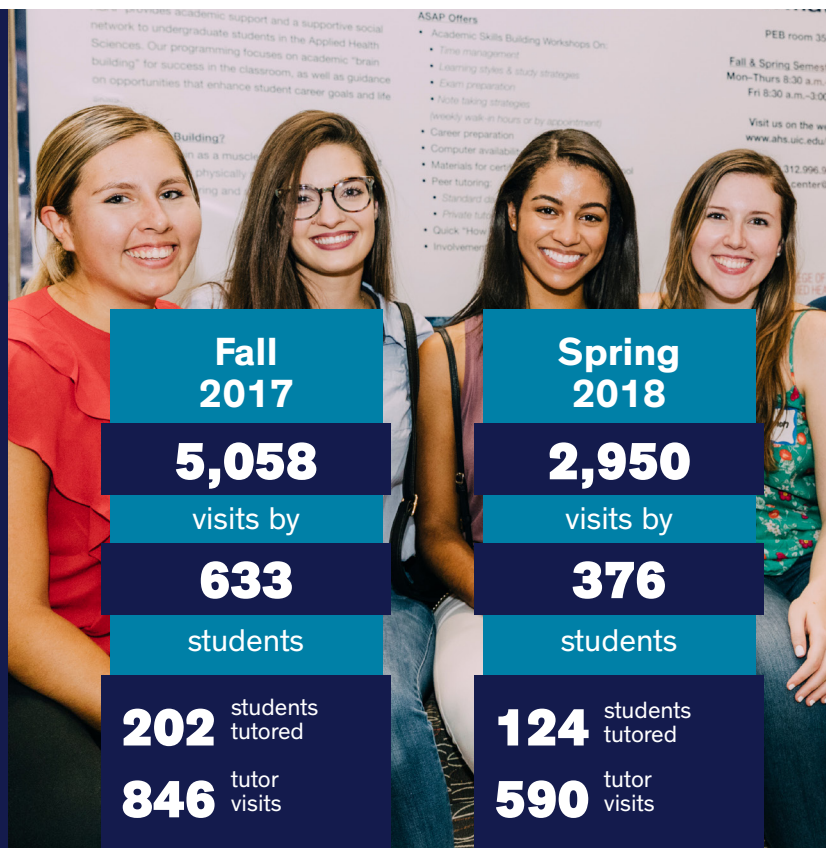


## Academic Support and Achievement Program (ASAP)

**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.**

**66**

publications and  
presentations

**29**

articles

**10**

presentations

**27**

other



# Academic programs

BS, Health Information Management (online and campus)

MS, Biomedical Visualization

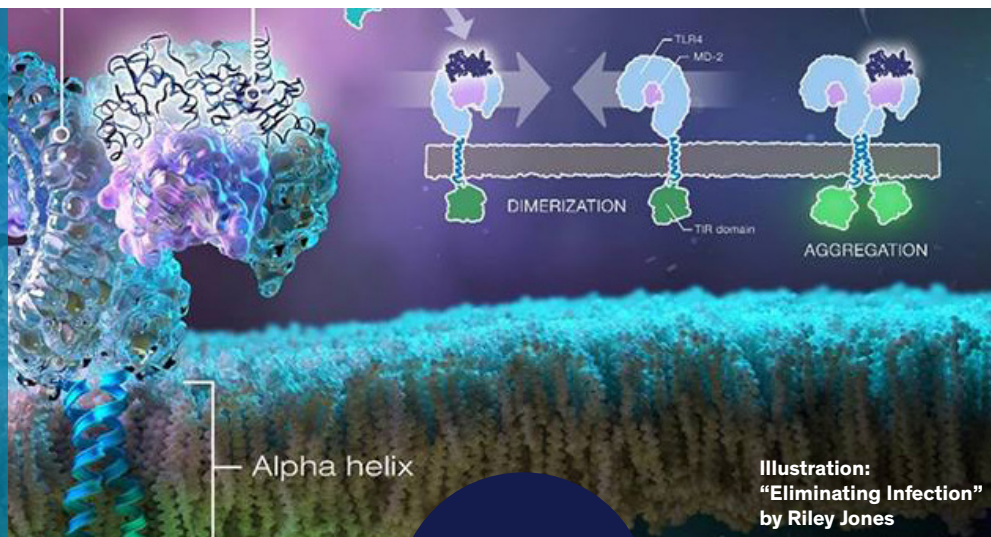
MS, Health Informatics (online)

PhD, Biomedical and Health Informatics

Post-Baccalaureate Certificate, Health Information Management (online)

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

Our **master's in biomedical visualization** is the second-oldest program of its kind and one of only four accredited graduate programs in North America



## #2

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

*U.S. News and World Report* ranks our **online bachelor's in health information management** No. 2 among bachelor's programs with the highest six-year graduation rates

## #2

TheBestSchools.org ranks our **online master's in health informatics** No. 2 among all health informatics 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





# 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.**

**337**

publications

**103**

articles

**29**

books and  
book chapters

**205**

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.

26

Host of national Sibling Leadership Network with **26 state chapters**

## 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.

**71**

publications

**62**

articles

**5**

book chapters

**4**

other

# Academic programs

Minor, Kinesiology

Minor, Nutrition

BS, Kinesiology

BS, Nutrition

MS, Kinesiology

MS, Nutrition

PhD, Kinesiology and Nutrition

## 8

faculty with editorial board appointments

## 6

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



306 kinesiology undergraduate **students participated in experiential learning opportunities** including research activities, internships and study abroad.

## #14

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

## 100%

For the past fifteen 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.**

**77**

publications

**43**

articles

**6**

book chapters

**28**

other

# Academic programs

MS, Occupational Therapy

Doctor of Occupational Therapy

# 100%

For the past four consecutive years, 100 percent of our master's in occupational therapy graduates **pass the National Board for Certification in Occupational Therapy Exam** within 12 months of graduation

# #1

*U.S. News and World Report* ranks our **master's 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 (master's students) and Karolinska Institutet in Sweden (OTD 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.

95

articles

# 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 two consecutive years, 100 percent of our doctor of physical therapy graduates **pass the national licensing exam** on first attempt

# #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

# 43

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

**Four clinical research laboratories:** movement science, clinical gait and motion analysis, integumentary analysis, and brain plasticity



# Clinical services



## Assistive Technology Unit (ATU)

**The ATU helps individuals with disabilities achieve maximized independence.**

The ATU provides mobile services that include adaptive equipment, augmentative communication, computer access, electronic aids for daily living, environmental modification, seating and positioning, and wheeled mobility.

An interdisciplinary team of architects, occupational therapists, physical therapists, rehabilitation engineers and speech-language pathologists use 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.

# 1,122

services were provided to **412** individuals



## Developmental Disabilities Family Clinic

**The Family Clinic maximizes potential with a focus on quality of life.**

The staff, (social worker, speech language pathologist, licensed professional counselor, physician and clinical psychologists) takes a holistic, multidisciplinary approach in providing services for individuals ages 3+ with intellectual and developmental disabilities 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; and family counseling and therapy.

Provided diagnostic and support services to **446** individuals with disabilities and their families



## PT Faculty Practice

**The Physical Therapy Faculty Practice offers expert consultations, evaluations and interventions.**

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. Conditions treated include post-surgery; rotator cuff tendonitis; chronic/intermittent low back pain; hip and knee arthritis; and status post motor vehicle accident (whiplash); as well as other problems.

**Sept. 2017 to Aug. 2018**

**450**

average visits per month

**75**

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 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.

## Envision Unlimited

Envision Unlimited serves people with intellectual and developmental disabilities across all ages, abilities and backgrounds, and provides quality services which promote choice, independence and community integration.

Envision Unlimited (formerly known as Chicago Arc) is an invaluable community partner to AHS. For the past 30 years it has served as a community partner for interventions, practicum site for students, dissertation site, advisory board member on projects and research fellow funder.

## 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, as well as corporations and foundations, among our supporters. Donations fund student scholarships, advance research, strengthen our community engagement and grow our endowment.**

**\$2,452,442**

Total endowment

**\$1,101,247**

Total donations

(Includes contributions from individuals, foundations and corporations)

**\$160,435**

Scholarship support

**339**

total donors,  
including **217**  
AHS alumni



# 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

**\$8,978,598**

**\$1,476,546**

**\$1,441,122**

 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.

**\$313,059**

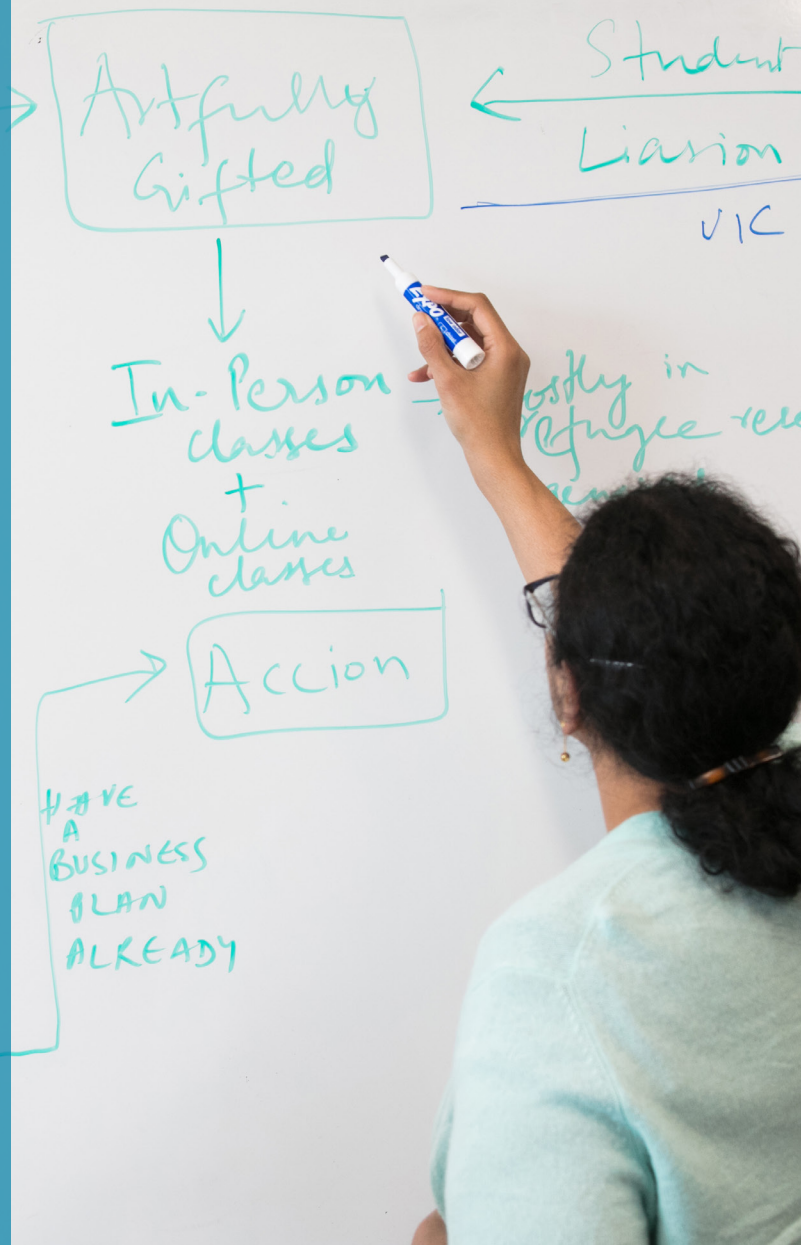
Sponsored expenditures per  
tenure/tenure-track faculty  
(full-time equivalent)

**\$11,896,267**

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

117

Grant applications processed  
with AHS faculty as  
principal investigators

89

Grant applications awarded to  
AHS faculty as  
principal investigators





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College of Applied Health Sciences**

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