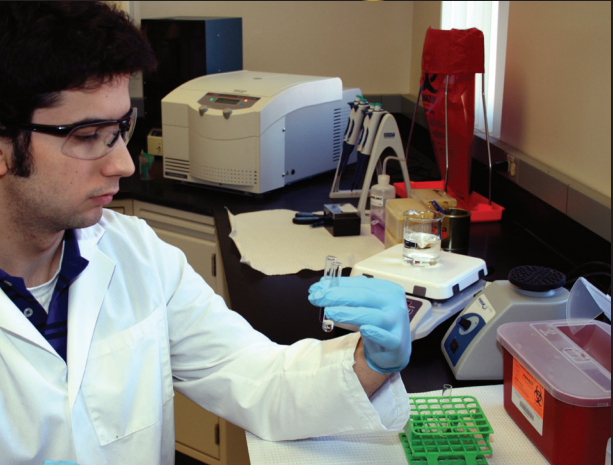




at the pulse of health

ASU College of Health Solutions
Arizona State University



Welcome to the College of Health Solutions!

“ At the pulse of health, the College of Health Solutions is dedicated to developing the health workforce of the future. We’re changing the way students think and learn about health and health care, equipping them to influence healthier lifestyle choices; develop creative interventions to improve the health of people and populations; analyze and translate large amounts of health data into solutions; and maximize the technology, science, business and application of diagnostics. ”

— Keith D. Lindor, M.D. Dean, College of Health Solutions

About the Dean



Dr. Keith Lindor believes we must take a holistic approach to the changing scope of the health industry. As our dean, Dr. Lindor is working collaboratively with university and industry partners to create and deliver academic offerings that will better prepare the next generation of health professionals to lead change in the context of a quickly evolving health care system.

Before joining ASU in 2012, Dr. Lindor served as dean of the Mayo Medical School and was a professor of medicine and chair in the Division of Gastroenterology and Hepatology.

A graduate of Mayo Medical School and a practicing physician, Dr. Lindor is recognized as an international authority on cholestatic liver disease.

Student Spotlight

Laura Hatty Hometown: Dearborn Heights, MI

BS, Kinesiology

My name is Laura Hatty and I am a senior Kinesiology student in Barrett, The Honors College at ASU's Downtown Phoenix Campus. When I am not assisting with research at Arizona State University and Northern Arizona University on the Phoenix Biomedical Campus, planning events as president of the Physical Therapy Club, or working at my on-campus job for the College of Health Solutions, I am playing intramural soccer, attending football games, and applying to Physical Therapy school to pursue my dream job as a pediatric physical therapist.

Brandon Deatherage Hometown: Glendale, AZ

BS, Health Sciences

My name is Brandon Deatherage and I am a senior Health Sciences major also studying Business Data Analytics. I am an undergraduate researcher in a human brain mapping lab at the Barrow Neurological Institute, stand as the former president of the American Medical Student Association - Downtown Chapter, and teach Anatomy & Physiology laboratory sections here at ASU. I am currently applying to medical school with the hope of one day becoming a physician.

Lisa Johnson Hometown: Owasso, OK

BS, Speech and Hearing Science

As a senior in the Speech and Hearing Science program, I aim to continue my education in cognitive neuroscience focused in language and communication. I have had the opportunity to research in the Communication Neuroimaging and Neuroscience laboratory, work for ASU Housing, be a classroom teaching assistant for American Sign Language, as well as earn certification as a Speech-Language Pathology Assistant in the short three years I have been enrolled at ASU.

Josie Lamp Hometown: Longmont, CO

BS, Biomedical Informatics

I am a Junior Barrett Honors student, majoring in Biomedical Informatics and minoring in Dance with aspirations to attend graduate school in England to study the intersection of Computer Science, Cybersecurity, and Biomedical Informatics. I am extremely involved on campus including performing cybersecurity research, and holding leadership positions in the student organization I co-founded, Students of Biomedical Informatics, the gender inclusive national honor fraternity Phi Sigma Pi, and the Professional Fraternity Council.

Gabriela Sáez Hometown: Fresno, CA

MS, Science of Health Care Delivery

Before starting medical school, I knew that no amount of “trying my hardest” within our current health care system would allow me to care for patients in a way that would truly meet their health needs and goals. Now one year away from finishing my medical doctorate at the University of California, Irvine, I am supplementing my education with a Masters in the Science of Health Care Delivery at ASU. In the two months I've been at the College of Health Solutions, I've become heavily involved in a work group developing a collaborative model in which academia, local elected officials, and community organizations partner to reduce health disparities.



be the solution!

student life

- ✓ Community Service
- ✓ Residential Learning Communities
- ✓ Experiential Learning Opportunities
- ✓ Health-related Clubs and Student Organizations
- ✓ Homecoming
- ✓ Devils in Disguise
- ✓ Study Abroad
- ✓ Research Opportunities



Pre-Health Advising

Visit our website at: chs.asu.edu/prehealth

Our Office of Pre-Health Advising on ASU's Downtown Campus serves the needs of students with a major on the Downtown Phoenix Campus and who are interested in a career in health. We offer services in:

- Application Process & Timeline
- Student Organizations & Clubs
- Personal Statement Development & Review
- Pre-Health Newsletter
- Mock Interviews
- Special Events & Programs
- Clinical and Non-clinical Experiences
- Professional School Admission Requirements



Facts & Figures



4,909
undergraduate students



904
graduate students




247
Barrett Honors scholars



146
faculty

Doctorate in Audiology ranked #9 and Master's in Speech-Language Pathology ranked #17 in the nation by U.S. News & World Report in 2016



9.0M
in research expenditures

Graduates of the MS in Nutrition's Dietetic Internship program have attained a 100% pass rate on the Registration Examination for Dietitians over the past 10 years (national average is 86%)

Fall 2016 Academic Data

Research



Research conducted by our renowned faculty is focused on addressing society's most pressing challenges in health and health care. Students engaged in our multidisciplinary research will be on the front lines, testing innovations to improve the health of populations and communities, enhance health care delivery and patient-centered care, and improve function and health outcomes across the lifespan.

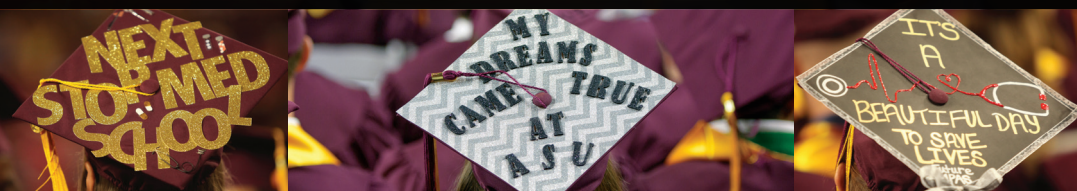
Our faculty has wide-ranging expertise and employs cutting-edge approaches in research:

- exploring mechanisms involved in the development of diabetes and cardiovascular disease
- using advanced technology to monitor and promote healthy lifestyles
- harnessing big data to improve patient outcomes
- using state-of-the-art cognitive, behavioral and neuroscience techniques to study the components of human communication
- discovering the impact of the environment and policy on food security and community health

Scholarships

There are many College of Health Solutions scholarships made available by private donations. The dollar value of each scholarship varies, as do the requirements for each, which are based on the criteria established by the donor of the scholarship. They may be awarded based on merit, financial need and/or specific academic criteria. Unlike loans, awards and scholarships do not have to be repaid. Learn about CHS scholarship opportunities at chs.asu.edu/students/scholarships

ASU scholarships are not just for "A" students. There are opportunities based on talent, personal stories, creativity, and more. Learn about ASU scholarship opportunities at scholarships.asu.edu



Internships

Affiliated Dermatology
 Ahwatukee Sports & Spine
 AZ Center for Digestive Health
 AZ Center for Hand Surgery
 AZ Neurology & Sleep Center
 AZ Oncology
 AZ Sports Chiropractic
 AZ State Orthopaedics
 Affiliated Dermatology
 Arrowhead Hospital-Pharmacy
 Banner Desert/Cardiac Rehab
 Cancer Tx Center of America
 Children's Oasis Pediatrics
 Cigna Medical Center
 Colon & Digestive Health
 E&S Orthodontics
 EV Foot & Ankle
 Fertility Treatment Center

Foothills PT
 Geriatric Specialist of AZ
 HH Virginia Piper Cancer Center
 JCL North Mountain Cardiac Rehab
 MC Animal Care & Control
 Midwestern-Vet
 Mountain View Medical
 PACH
 PCH-CARE & Weight Management
 Pioneer Cardiovascular Consultants
 Red Mt. Cardiothoracic
 Scottsdale Eye Care
 Sonoran Orthopedic Trauma
 Sonoran Quest Lab/Banner University
 St. Joseph's Rehab Center
 TOCA-Dr. Cummings
 VA-Allergy Division
 Waverly Hematology/Oncology

List is representative

Partnerships

Mayo Clinic
 Mayo Medical School
 University of Minnesota
 University of Arizona
 Northern Arizona University
 Dublin City University
 Banner Health
 A.T. Still University
 Barrow Neurological Institute
 Maricopa Integrated Health System
 HonorHealth
 Mountain Park Health Center
 Dignity Health
 Health Care Sector Partnership
 Maricopa Community Colleges

List is representative

Faculty Spotlight



Carol Johnston, Ph.D. Professor and associate director of the Nutrition program in the School of Nutrition and Health Promotion. Dr. Johnston teaches both undergraduate and graduate courses and has an active research program. She is an expert in vitamin C metabolism, the medicinal use of vinegar, high protein/low carbohydrate diets for weight loss, and vegetarian diets. Dr. Johnston currently chairs the Institutional Review Board at ASU which oversees human subject research at the University.



Matthew Buman, Ph.D. Assistant professor of exercise science and health promotion. Dr. Buman has been active in the research of physical activity and behavior change, including the development of a smartphone app that helps veterans at risk for diabetes and cardiovascular disease to monitor their physical and sleep activity, and the positive effects of elevated desks and treadmill workstations to offset the multitude of health risks associated with prolonged sitting.



Victor Trastek, M.D. Professor of Practice and director of the School for the Science of Health Care Delivery, the first program of its kind in the world to educate students on connecting the business and clinical aspects of the health care field. A cardiothoracic surgeon, Dr. Trastek was professor of surgery at Mayo Clinic College of Medicine. He served as CEO for Mayo Clinic in Arizona, vice president of the Mayo Clinic.

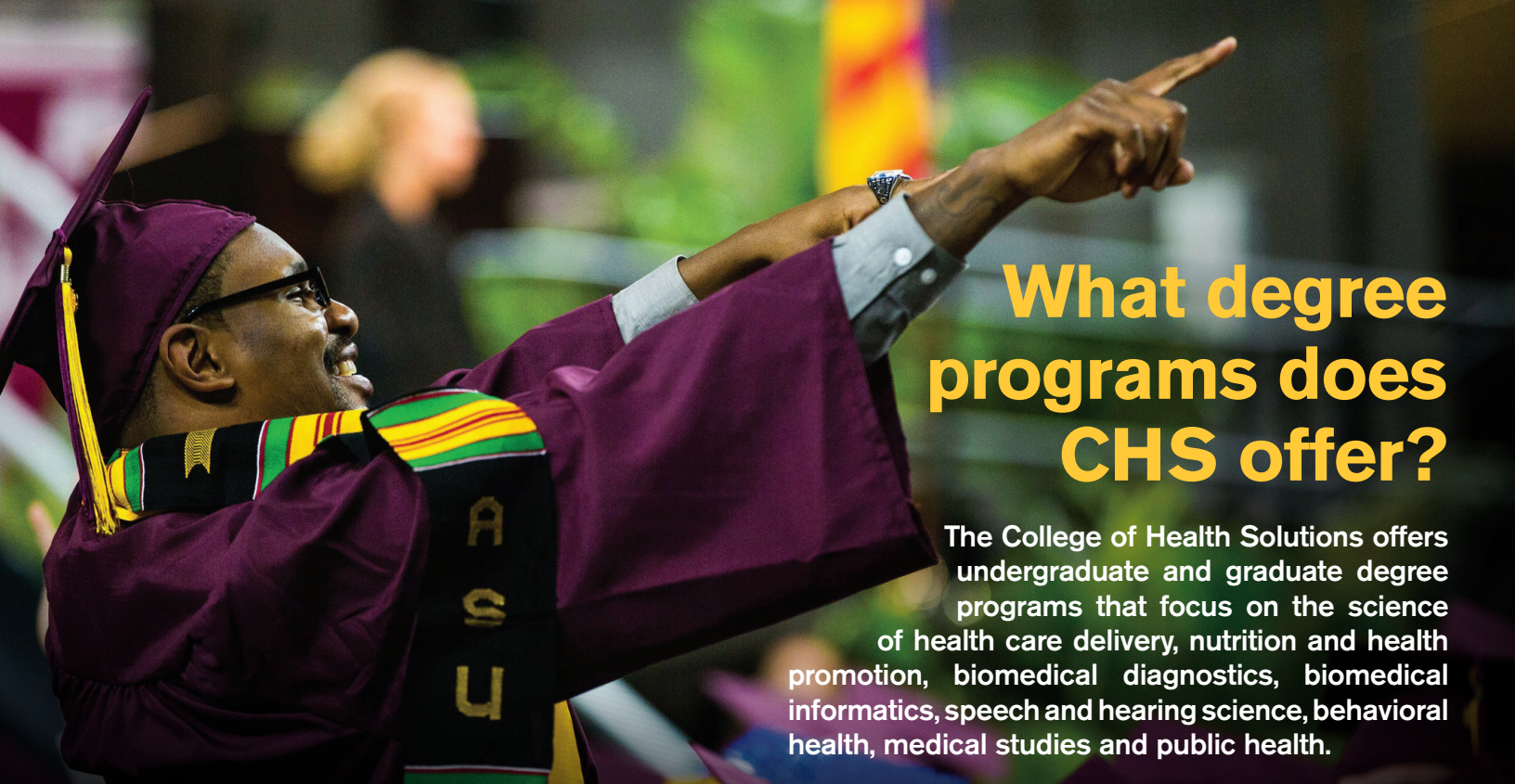


George Runger, Ph.D. Director of the International School of Biomedical Diagnostics and chair of the Department of Biomedical Informatics, professor in biomedical informatics, and professor in ASU's School of Computing, Informatics, and Decision Systems Engineering. Dr. Runger researches analytical methods for knowledge generation and data-driven improvements in organizations, and focuses on machine learning for large, complex data, and real-time analysis, with applications to surveillance, decision support, and population health.

Locations

We offer classes online, on ASU's Tempe, Downtown Phoenix, Lake Havasu and West campuses, and at Mayo Clinic. View interactive maps at asu.edu/map/interactive





What degree programs does CHS offer?

The College of Health Solutions offers undergraduate and graduate degree programs that focus on the science of health care delivery, nutrition and health promotion, biomedical diagnostics, biomedical informatics, speech and hearing science, behavioral health, medical studies and public health.

Undergraduate Degrees

- Applied Science, BAS (Food Service Management) **D**
- Applied Science, BAS (Health Sciences) **D** **O**
- Applied Science, BAS (Medical Laboratory Science) **D** (PHX College)
- Biomedical Informatics, BS **T**
- Exercise and Wellness, BS (Exercise for Obesity Prevention) **D**
- Exercise and Wellness, BS (Fitness and Wellness Specialist) **D**
- Exercise and Wellness, BS (Strength & Conditioning Specialist) **D**
- Health Education and Health Promotion, BS **D** **O** **H**
- Health Sciences, BS (Healthy Lifestyles Coaching) **D** **W** **O**
- Health Sciences, BS (Pre-professional) **D**
- Kinesiology, BS **ACCELERATED** **D** **H**
- Medical Studies, BS **D** **W**
- Nutrition, BS (Dietetics) **D**
- Nutrition, BS (Food and Nutrition Management) **D** **O**
- Nutrition, BS (Food and Tourism Management) **D**
- Nutrition, BS (Human Nutrition) **D**
- Nutrition, BS (Nutrition Communication) **D** **O**
- Public Health, BS **D**
- Science of Health Care Delivery, BS **ACCELERATED** **D**
- Speech and Hearing Science, BS **T**

Minors

- Food and Nutrition Management **D**
- Human Nutrition **D**
- Kinesiology **D** **H**
- Nutrition and Healthy Living **D**
- Personal Health **D** **O**
- Speech and Hearing Science **T**
- Wellness Foundations **D**

Certificates

- Child Nutrition **D**
- Communication Sciences and Disorders **T**
- Health Science for the Peace Corps **D**
- Science of Health Care Delivery (Grad Certificate) **O**
- Speech-Language Pathology Assistant **T**

Graduate Degrees

- Audiology, AUD **T**
- Behavioral Health, DBH (Clinical) **O**
- Behavioral Health, DBH (Management) **O**
- Biomedical Diagnostics, MS **O**
- Biomedical Informatics, MS* **ACCELERATED** **T**
- Biomedical Informatics, PhD **T**
- Clinical Exercise Physiology, MS **ACCELERATED** **D**
- Communication Disorders, MS **T**
- Exercise and Wellness, MS (Healthy Aging) **D**
- Exercise and Wellness, MS **D**
- Health Informatics, MAS **O**
- Integrated Health Care, MIHC **D**
- Nutrition, MS **D**
- Nutrition, MS (Dietetics) **D** **O**
- Obesity Prevention and Management, MS **D**
- Physical Activity, Nutrition, and Wellness, PhD **D**
- Public Health, MPH** (Administration and Policy) **D** **O**
- Science of Health Care Delivery, MS **ACCELERATED** **D** **O**
- Speech and Hearing Science, PhD **T**

*Some Biomedical Informatics graduate courses offered at Mayo Clinic Scottsdale

**ASU hosts program offered by the University of Minnesota

Downtown Phoenix **Tempe** **West** **Online** Lake Havasu