WHAT IS HES?

The College of Human Environmental Sciences uses holistic and interdisciplinary approaches to solve complex life challenges faced by individuals, families, and communities in Missouri, the United States and globally. We are the ONLY college of human sciences in the UM System and the state of Missouri.

WHAT IS OUR VISION?

To continue to be the leading AAU College in the Human, Family and Consumer Sciences in interdisciplinary excellence and the integration of academic training, research, Extension and public service.

HOW DO STATISTICS TELL THE STORY OF HES EXCELLENCE?

- **HES ranked #1** among all AAU universities, colleges and schools in the Human Sciences, ahead of Ohio State, Wisconsin, Texas, Cornell and other major universities in 2019 and 2020.
- **HES ranked #1** in 2019 in ROI at Mizzou for combined net Tuition/Fees revenues and Grant/Contract Expenditures per campus dollar invested. It has held the #1 ranking for at least five consecutive years.
- **HES is ranked #1** at Mizzou for total grant/contract expenditures per ranked faculty in FY19, averaging more than $275,000 per individual.
- **HES is ranked #1** at Mizzou for Extension and outreach impact, with the largest number of staff and faculty, citizen contacts and programs, and grant expenditures.
**HOW DOES HES IMPACT MIZZOU’S AAU METRICS?**

- HES Academic Programs are ranked #1 overall among all AAU universities, colleges, and schools in the Human Sciences. Individual programs are also highly-ranked, including Personal Financial Planning (#4) and Textile and Apparel Management (#7).
- HES has doubled research awards and expenditures over the past five years.
- Every Nutrition and Exercise Physiology faculty hired in the last ten years is NIH funded, except one whose NIH scores are very close to funding levels.
- HES specifically helps the university’s performance on multiple AAU metrics by strong performance in measures of publications and citations and the receipt of major awards. In the last year alone, for example, three faculty have been named Fellows of their respective professional societies.
- All HES units are in the top third of Academic Analytics department ratings.

**WHAT RESEARCH CENTERS EXIST IN HES?**

- Center for Body Image Research and Policy
- Center for Families and Children Across Cultures
- Center for Criminal and Juvenile Justice Priorities
- Center for Family Policy and Research
- Immersive Visualization Laboratory
- Interdisciplinary Center for Food Security (with CAFNR)
- Missouri Prevention Science Institute (with Education)
- MU Nutritional Center for Health
- Physical Activity and Wellness Center

**HOW IS HES INVOLVED IN THE NEXTGEN PRECISION HEALTH INITIATIVE AS WELL AS HEALTHCARE AROUND THE STATE?**

- HES is the campus leader for research on Obesity, Metabolism and Cardiometabolic Syndrome, which is integral to the success of the Precision Health Initiative. Seven faculty from Nutrition and Exercise Physiology lead this effort, and these individuals are PIs or Co-PIs on nearly $15 million dollars in grants, mostly from NIH.
- In addition, HES has strong faculty participation and productivity in the PHI-related area of Reducing Health Risks and Disease Burdens through research on health disparities and on behavioral, occupational, and environmental risk factors, particularly among vulnerable populations.
- All HES units participate in PHI-areas in special ways. For example Architectural Studies works with the School of Medicine on medical training research and development of assistive technology for surgery using augmented reality, Social Work is involved in the successful delivery of health care for medically-underserved populations, Personal Financial Planning leads efforts regarding research on the effects of medical debt, and Textile and Apparel Management directs efforts in the design and promotion of adaptive clothing.
- HES Faculty currently on PHI committees include Chris Hardin, Elizabeth Parks, Jill Kanaley, Mansoo Yu, Jo Britt-Rankin and Sandy Rikoon.
- HES faculty are active leaders in the partnership with AT&T to establish 5G infrastructure for tele-medicine and the integration with new technology such as virtual and augmented reality.
HOW DOES HES WORK WITH EXTENSION AND COMMUNITY OUTREACH THROUGHOUT THE STATE?

• Over 60% of all MU Extension faculty and staff belong to HES Extension and have academic homes in one of five HES units. HES Extension is double the size of any other division on campus.

• Through extension, HES meets the needs of over 1.4 million Missouri citizens each year in rural and urban areas, the highest of any Mizzou division.

• HES Extension has averaged over $15 million grants annually for their activities over the last five years, or around 75% of the total Extension grants/contracts portfolio.

• HES serves millions of Missouri citizens through programs in early childhood development, strengthening families, nutrition, exercise, financial planning, housing, and mental health.

• HES has been a campus leader in using distance learning at the BS, MS, and PhD levels, including development of the first online PhD in Architectural Studies, the leading statewide Masters of Social Work Program, innovative curriculum through participation in the Great Plains IDEA and continuous development of new distance learning initiatives.

WHAT ARE HES FINANCIALS?

• Our college budget is $21.29 million (FY20). Entrepreneurial activity has allowed us to utilize several key revenue streams and thus absorb possible financial shocks with less disruption. In addition to campus support, the college has strong revenue from online fees, grant and contracts, and gifts and endowments.

• HES has recently developed new degrees (online BS in Fitness and Management, on campus BS in Justice Studies) and has additional degrees under construction (BS in Digital Merchandising) that will bring additional revenue to the campus by addressing current career trends.

• Ample funds are earmarked for strategic investment. Under the new RAM model plan and based on FY18 and FY19 data, an incoming Dean will have more than $1 million dollars annually available for strategic investments.

• Further discretionary funding is provided by close to $4 million dollars in endowments in the Dean’s office that provide funds for unrestricted use, student support, and professional development. The Dean’s Excellence Fund currently has another $681,000 for strategic investment.
WHO ARE SOME OF OUR ALUMNI, FRIENDS AND DONORS?

- HES has around 19,000 living alumni.
- Our alumni and friends are great donors and advocates to the College and to the University.
- To date, HES has surpassed 128% of its Our Time to Lead Campaign goal and HES has surpassed 154% its FY20 goal.
- Currently, HES has over $10 million in deferred or planned gift expectancies.
- HES key donors, notable alumni and friends are far too many to list. HES alumni and friends have a strong history of serving on campus-wide volunteer boards such as the For All We Call Mizzou and Our Time to Lead Campaign Committees, Mizzou Alumni Association Governing Board, Jefferson Club Board of Trustees, Chancellor’s Society, Legacy Society, Griffiths Leadership Society, MU Board of Visitors and the Missouri 100. Countless alumni and friends have been honored with Mizzou Alumni Association Faculty-Alumni Awards, Richard Wallace Faculty Incentive Grants, Geyer Awards and the Golden Quill Award.
- We proudly acknowledge relationships with the founding benefactors of the Thompson Center, Bill and Nancy (HES ’67) Thompson; founding benefactor of the Office for Financial Success, State Farm; Our Time to Lead Campaign tri-chair, Catherine Allen (BS HES ’68, DHL ’05); Curator Robin Wenneker (BS BA ’91); Congresswomen Vicky Hartzler (BS HE Ed ’83); State Representative Martha Stevens (MSW ’13); former Jefferson Club Trustee, Dewey Schade (BJ ’67); former Mizzou Alumni Association Board President Carolyn Wiley (BS HE Ed ’64); not to mention our exceptionally dedicated and generous leaders John Qualy (BJ ’70) and Tootie Burns (BS HES ’88); and equally dedicated Emeriti Deans Dr. Stephen R. Jorgensen and Dr. Bea Litherland Smith.

HOW DOES HES SUPPORT DIVERSITY AND INCLUSION?

- In 2019 women comprised 70% of all HES undergraduates and 82% of all graduate students.
- Dean Rikoon’s “No Hate Here” campaign established in 2016 has been one of the most impactful college-level inclusivity programs on campus.
- In FY20 16.7% of all HES students self-ascribed as members of under-represented minorities, as compared with the 14.8% average of all campus divisions. The HES figure is 12.8% higher than the campus average.
- HES serves more at-risk citizens throughout Missouri than any other division with its Extension and other outreach education and public service initiatives.
WHAT ARE THE ACADEMIC UNITS WITHIN HES?

- Department of Architectural Studies
- Department of Human Development and Family Science
- Department of Nutrition and Exercise Physiology
- Department of Personal Financial Planning
- School of Social Work
- Department of Textile and Apparel Management
- HES Extension

WHAT LEARNING LABORATORIES EXIST IN HES?

- Building Technology Laboratory
- Child Development Lab
- Family Access Center for Excellence of Boone County (with Education)
- Integrated Behavioral Health Clinic
- Kellwood Apparel Technology Lab
- Knipschild Design and Research Lab
- Missouri Historic Costume and Textile Collection
- Office for Financial Success
- Robert and Marlese Gourley Family Studio for Innovative Design and Fabrication

WHY ARE INTERDISCIPLINARY APPROACHES IMPORTANT?

- The complexity of today’s problems requires holistic and interdisciplinary approaches to provide dynamic and successful solutions.
- The dynamic and synergetic relationships of the units in our college result in new approaches to meeting the needs of our neighbors and communities and represents the best of contemporary, progressive and interdisciplinary thinking in higher education.
- Work at the Santa Fe Institute, Yale, Harvard, Stanford and other institutions show the value of diversity in thinking and experiences as well as background results in more creative approaches to problem solving.
- Corporations are hiring people with cross-disciplinary training and approaches to management positions. HES is one of the few colleges that requires students to participate in interdisciplinary education and curricula.
- The Thompson Center was created through the work at HES and we helped secure the first $8 million to get it launched. The Center for Contemporary Families is another example of a cross discipline effort.

HOW DOES THE HES CROSS-DISCIPLINARY APPROACH BENEFIT A MISSOURI CITIZEN?

Families at risk in Missouri experience challenges that require holistic and “wraparound” services. We provide vulnerable families with financial planning and budgeting help from Personal Financial Planning as well as mental health counseling from the School of Social Work. They receive nutrition and health advice from Nutrition and Exercise Physiology, support and education for their special needs child from Early Childhood Development, clothing adaptions from Textile and Apparel Management and housing adaptions advice from Architectural Studies.

“HES is at the nexus of disciplines to reach the underserved in Missouri and a bridge to the middle class for families.”

— Marshall Stewart, Vice Chancellor for Extension and Engagement