**Amanda Grimes, PhD, MCHES**

Curriculum Vitae

**EDUCATION**

**Degree, Major Institution, Location**

PhD, Health Science University of Arkansas, Fayetteville, AR 2012

MS, Health Science University of Arkansas, Fayetteville, AR 2008

BS, Biology Southeast MO State Univ., Cape Girardeau, MO 2006

**LICENSURES, CERTIFICATIONS, and POST-GRADUATE CERTIFICATES**

**Type State/Agency/Institution**

MCHES #17196 National/NCHEC

**ACADEMIC EMPLOYMENT**

**Institution Rank or Title Dates**

|  |  |  |
| --- | --- | --- |
| School of Nursing and Health Studies  University of Missouri-Kansas City  Kansas City, Missouri (UMKC) | Assistant Professor | 2018-present |
| Associate Teaching Professor | 2017-2018 |
| Assistant Teaching Professor | 2013-2017 |
|  |  |
| High School College Partnership (UMKC) | High School Dual-Credit Coordinator | 2015-Present |
| UMKC Faculty Peer Review Corps (UMKC) | Faculty Peer Reviewer | 2020-present |

**Google Scholar Summar:** [**https://scholar.google.com/citations?user=aFTwiMwAAAAJ&hl=en**](https://scholar.google.com/citations?user=aFTwiMwAAAAJ&hl=en)

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| --- | --- |
| [Citations](javascript:void(0)) | 89 |
| [h-index](javascript:void(0)) | 6 |
| [i10-index](javascript:void(0)) | 2 |

**Funded Research Grants**

Project Title: Active Lab: Public Health through Physical Activity

Purpose: To provide research support for public health projects related to physical activity.

Agency: Public Health AmeriCorps

Award Number: 23ND249328

Principal Investigator: Grimes, A. and Lightner, J.

Proposed Dates of Project Period: July 2023-June 2024

Projected Total Costs: $167,910

Percent Effort: 0%

Project Title: Funding for Zero-Fare: Evaluating the Health and Economic Impacts

Purpose: Evaluate the health and economic impacts of the zero-fare bus transit policy in Kansas City, MO.

Agency: US Department of Transportation

Principal Investigator: Grimes, A. and Lightner, J.

Proposed Dates of Project Period: Oct 2022-Sep. 2025

Projected Total Costs: $500,000 Subaward via Kansas City Area Transportation

Percent Effort: 10%

Project Title: Increasing Student Access to Transportation to Improve Social Determinants of Health

Purpose: Evaluate the health and well-being impacts of free access to a city-wide bike share system on university students.

Agency: UMKC Funding for Excellence

Principal Investigator: Grimes, A. and Frisch, M.

Proposed Dates of Project Period: Jan 2023-Dec. 2023

Projected Total Costs: $29,250

Role: Co-PI

Percent Effort: 0%

Project Title: Move More Get More

Purpose: Examine the effectiveness of an afterschool sports sampling intervention on middle schoolers’ physical activity

Agency: Health Forward Foundation

Funding Mechanism: Applicant Defined Grant

Role: Co-PI

Principal Investigator(s): Grimes, A., & Lightner, J.

Date Submitted: 2022

Funding Dates: Aug 2022 – July 2023

Projected Total Costs: $45,000

Percent Effort: 0%

Project Title: Health Impacts of City-Wide Zero-Fare Bus Transit: A Natural Experiment

Purpose: Examine the impacts of Kansas City, MO’s free bus system on ridership, health markers (e.g., physical activity, BMI), and social/environmental determinants of health with urban populations including patients from a safety net hospital.

Agency: National Institute of Diabetes, Digestive, and Kidney Diseases

Funding Mechanism: 1R01 DK132350-01

Role: Co-Investigator

Principal Investigator(s): Berkley-Patton, J & Carlson, J. (Co-PIs)

Date Submitted: 2021

Funding Dates: April 2022 – January 2026

Projected Total Costs: $2,665,578

Percent Effort: 5%

Project Title: Move More Get More

Purpose: To provide research support for the afterschool physical activity and nutrition intervention, Move More, Get More.

Funding Mechanism: 22ND241509

Grant Number: 22NDEMO003

Agency: Public Health AmeriCorps, Corporation for National and Community Service

Role: Co-Principal Investigator

Principal Investigators: Lightner, J. & Grimes, A.

Date Submitted: Jan 2022

Funding Dates:  July 2022- June 2023

Projected Total Costs: $73,346

Percent Effort: 0%

Project Title: Getting Around KC: An evaluation of Kansas City’s Zero-Fare Bus Transit

Purpose: Evaluate the health and economic impacts of the zero-fare bus transit policy in Kansas City, MO.

Funding Mechanism: EPA-OP-OEJ-21-02

Agency: Environmental Protection Agency

Principal Investigator: Grimes, A.

Funding Dates: January 2022-December 2023

Projected Total Costs: University of Missouri-Kansas City Subaward $56,576; Total award $200,000

Role: PI

Percent Effort: 10%

Project Title: Multilevel Physical Activity Intervention Pilot Funding

Purpose: To provide seed money in support of a large-scale grant proposal

Agency: University of Missouri-Kansas City Center for Advancing Faculty Excellence grant

Role: Co-PI

Principal Investigator: Lightner, J. & Grimes, A.

Date Submitted: Sept 2021

Funding Dates:  November 2021- September 2022

Projected Total Costs: $4,000

Percent Effort: 0%

Project Title: Move More, Get More: An after-school physical activity and nutrition program to reduce health disparities

Purpose: This proposal aims to fund a continuation and refinement of a previously federally funded after-school physical activity and nutrition intervention for underserved middle-schoolers in Kansas City, Move More Get More.

Agency: University of Missouri-Kansas City Small Grants Workshop

Principal Investigator: Grimes, A.

Date Submitted: October 2021

Funding Dates: January 2022-June 2022

Projected Total Costs: $4,000

Role: PI

Percent Effort: 0%

Project Title: Our Healthy Kansas City Eastside

Purpose: a) expand COVID-19 vaccination and other health services in Kansas City’s Eastside; b) train community health liaisons from faith, business, neighborhood associations, and youth organizations to promote vaccinations among their constituents; and c) conduct studies to understand factors contributing to COVID-19 uptake and health issues impacted by COVID-19.

Agency: Jackson County

Principal Investigator: Berkley-Patton, J.

Date Submitted: April 2021

Funding Dates: June 2021- May 2022

Projected Total Costs: $5,000,000

Role: Co-I; Youth Sector Lead ($308,000)

Percent Effort: 22% over the 12-month project period

Project Title: Move More Get More

Purpose: A Communitywide physical activity intervention to increase youth physical activity

Agency: Jackson County

Principal Investigator: Berkley-Patton, J.

Date Submitted: April 2021

Funding Dates: June 2021-Nov. 2021

Projected Total Costs: $58,000

Role: Co-I

Percent Effort: 13% over the 6-mo project period

Project Title: Central Connections

Purpose: To demonstrate youth-informed temporary built-environment improvements to promote safe routes to schools and parks.

Agency: Kansas City Healthy Kids

Principal Investigator: Grimes, A., & Steele, L.

Date Submitted: Nov. 2020

Funding Dates: January 2021 – December 2021

Projected Total Costs: $1,000

Percent Effort: 0%

Project Title: Youth Perspectives on the Built Environment: Safe Routes to Parks and Schools

Purpose: To create youth-informed safe routes to schools and parks using environmental audits and focus groups.

Agency: University of Missouri-Kansas City Health Equity Institute

Principal Investigator: Grimes, A., Shook, R. & Steele, L.

Date Submitted: Nov. 2020

Funding Dates: January 2021 – February 2022

Projected Total Costs: $2,000

Percent Effort: 0%

Project Title: YES (Youth Engagement in Sport) Initiative

Purpose: To increase physical activity in middle school youth, particularly in girls.

Award Number: 1 ASTWH190088-01-00

Agency: United States Department of Health and Human Services

Co-Principal Investigator: Grimes, A. & Lightner, J.

Date Submitted: May 2019

Funding Dates: October 2019- September 2022

Projected Total Costs: 791,110.00

Percent Effort: 100% 3 months summer; 70% 3 months summer; 20% academic year (10% in-kind, 10% grant funded)

Project Title: Impacts of a Family Earn-a-Bike on Physical Activity and Active Transportation

Purpose: To evaluate the impacts of a family-based earn-a-bike program on motivations, physical activity, and bicycling.

Funding Agency: University of Missouri-Kansas City Inclusive Excellence Grant

Role: Primary Investigator

Principal Investigator: Grimes, A.

Date Submitted: 2019

Funding Dates: June 2019- May 2020

Projected Total Costs: $4,000

Percent Effort: 5% summer

Project Title: The impacts of earned bikes among low-income individuals in Cape Town, South Africa

Purpose: The purpose of this study is to examine the role of a bike in social determinants of health for low-income South Africans.

Funding Agency: University of Missouri South African Education Program (UMSAEP)

Role: Primary Investigator

Principal Investigator: Grimes, A.

Date Submitted: 2017

Funding Dates: September 2017- June 2018

Projected Total Costs: $7,500

Percent Effort: 0%

Project Title: BikeWalkKC Building Collective Health: Community Interventions for Northeast Kansas City

Purpose: The purpose of this study was to evaluate two interventions to increase cycling safety in Kansas City’s Northeast: 1) Temporary intersection infrastructure changes 2) Earn-a-bike program for 5th graders.

Funding Agency: Aetna Foundation

Role: Co-Investigator

Principal Investigator: Carlson, J.

Date Submitted: 2017

Funding Dates: November 2017- December 2018

Projected Total Costs: $74,645

Percent Effort: 0%

Project Title: The Effects of *Earn-a-Bike* among Homeless Men

Purpose: The purpose of this study was to examine the impacts of an earn-a-bike program for men experiencing homelessness, that focused on transportation, employment, self-esteem, and health.

Funding Agency: Women, Gender, and Sexuality Studies; University of Missouri-Kansas City

Role: Primary Investigator

Principal Investigator: Grimes, A.

Date Submitted: 2017

Funding Dates: May 2017- March 2018

Projected Total Costs: $500

Percent Effort: 0%

Project Title: Bicycling among adults 50+ in the Midwest: Patterns, Barriers and Facilitators, and the impact on health status.

Purpose: The purpose of this study was to examine the unique barriers and facilitators for cyclists in the Midwest.

Funding Agency: School of Nursing and Health Studies / Office of Research Services

Role: Principal Investigator

Research Team: Grimes, A., and Chrisman, M.

Funding Dates: February 2017- June 2017

Total Costs: $6,600

Percent Effort: 0%

**Funded Research Grants: Faculty Sponsor/Co-Sponsor**

Project Title: Reexamining the Perception of the COVID-19 Vaccine among Missourians aged 15-21 Years Old

Purpose: The purpose of this grant is to conduct an in-depth analysis from focus groups conducted under a previously funded SEARCH grant and present the findings to a national audience.

Funding Mechanism: University of Missouri-Kansas City SEARCH - Students Engaged in the Arts and Research

Date Submitted: September 2022

Funding Dates: October 2022-April 2023

Student’s Name and Degree Program: Maya Baughn, BHS

Role: Mentor

Projected Total Costs: $1250

Percent Effort: 0%

Project Title: Conducting walk audits with Girls on the Run to develop a youth-informed pedestrian map

Purpose: The purpose of this grant is to assess the feasibility of implementing walk audits with a 5th-6th grade girls that are participating in a Girls on the Run club.

Funding Mechanism: University of Missouri-Kansas City SEARCH - Students Engaged in the Arts and Research

Date Submitted: September 2022

Funding Dates: October 2022-April 2023

Student’s Name and Degree Program: Cynthea Thompson, BSPH

Role: Mentor

Projected Total Costs: $1250

Percent Effort: 0%

Project Title: Exploring COVID-19 Vaccine Hesitancy in Teens and Young Adults

Purpose: The purpose of this study is to explore the relationship between cycling and balance in older adults

Funding Mechanism: University of Missouri-Kansas City SEARCH - Students Engaged in the Arts and Research

Date Submitted: September 2021

Funding Dates: October 2021-April 2022

Student’s Name and Degree Program: Maya Baughn, BHS; Macy Hornosky, Biology; Niveen Al-Saoudi; Biology

Role: Mentor

Projected Total Costs: $1250

Percent Effort: 0%

Project Title: Relationship Between Self-Reported Balance and Self-Reported Physical Activity in Older Adults

Purpose: The purpose of this study is to explore the relationship between cycling and balance in older adults.

Funding Mechanism: University of Missouri-Kansas City SUROP- Summer Undergraduate Research Opportunity

Date Submitted: March 2021

Funding Dates: May 2021-October 2021

Student’s Name and Degree Program: Maya Baughn, BHS Student

Role: Mentor

Projected Total Costs: $1250

Percent Effort: 0%

Project Title: 3-Armed Randomized Physical Activity Intervention for Older Adult Population in African American Churches

Purpose: The purpose of this study is to determine if a structured physical activity session increases physical activity more than a walking group or unstructured session among participants in a diabetes prevention program.

Funding Mechanism: University of Missouri-Kansas City SEARCH- Students Engaged in the Arts and Research

Date Submitted: September 2019

Funding Dates: October 2019- June 2020

Student’s Name and Degree Program: Katy Eighmy, BSPH Program

Role: Mentor

Projected Total Costs: $1200

Percent Effort: 0%

Project Title: A Citywide Bike Share System Station on UMKC Campus and the Health Impacts on University Students.

Purpose: The purpose of this study was to explore the impacts of a free bike share membership on physical activity and bicycling among college students.

Student’s Name and Degree Program: Michele Baker, BHS Program

Role: Mentor

Agency: Project ADVANCER - Academic Development Via Applied and Cutting-Edge Research for UMKC undergraduate and professional students from underrepresented minorities Program.

Date Submitted: Aug. 2017

Funding Dates: September 2017 – May 2018

Projected Total Costs: $9,960

Percent Effort: 0%

**Research Grants submitted but not funded**

Project Title: Understanding adoption of school-based physical activity interventions

Funding Opportunity: PA-20-183

Agency: National Institutes of Health

Role: Co-Principal Investigator

Date Submitted: June 2022

Proposed Dates of Project Period: 2023-2028

Projected Total Costs: $2,298,504

Project Title: Central Connections: Increasing access to Kansas City's Central Park

Agency: AARP

Purpose: To empower urban youth and increase physical activity through built-environment improvements.

Principal Investigator: Grimes, A.

Date Submitted: April 2021

Proposed Dates of Project Period: August 2021- December 2021

Projected Total Costs: $22,000

Percent Effort: 4%

Project Title: Getting Around KC: An Evaluation of KC’s Zero-Fare Bus Transit

Purpose: The proposed pilot project, Getting Around Kansas City (GAKC), will evaluate the impacts of the Zero-fare Bus Transit (ZBT) policy on PA and access to healthcare, employment and other essential services with adults who are bus users residing in one of the KC’s 10 low-income priority ZIP codes identified for this project.

Agency: Health Forward Foundation; Applicant Defined Grant

Principal Investigator: Grimes, A.

Date Submitted: October 2020

Proposed Dates of Project Period: December 2020-November 2021

Projected Total Costs: $50,000

Percent Effort: 5%

Project Title: Impacts of City-Wide Zero-Fare Bus Transit on Ridership, Physical Activity, and Weight Purpose: The goal of this project is to evaluate the health impacts of a city policy that eliminated bus fare on. In response to PAR-20-237: Community Interventions to Address the Consequences of the COVID-19 Pandemic among Health Disparity and Vulnerable Populations. (Natural Experiment)

Resubmission 8/2020

Funding Mechanism: 1 R01DK127376

Principle Investigator: Berkley-Patton, J. & Carlson, J.

Role: Co-I

Date Submitted: 8/2020 (Resubmission)

Proposed Dates of Project Period: April 2021 -March 2025

Percent Effort: 5%

Project Title: Young at Heart: reducing heart disease through inter-generational programming

Purpose: The purpose of this project is twofold; the primary aim is to develop and disseminate a Youth Community Health Liaison training to adolescents engaged in the Youth Ambassadors KC program through an 8-week didactic and simulation training program.

Agency: University of Missouri System

Funding Mechanism: Research and Creative Works Strategic Investment Program Tier 3

Principle Investigator: Grimes, A., Lightner, J., & Pilgrim, S.

Role: Co-I

Projected Total Costs: $74,700

Proposed Dates of Project Period: June 2020 – June 2021

Percent Effort: 0%

Project Title: Impacts of City-Wide Zero-Fare Bus Transit on Ridership, Physical Activity, Health Determinants, and Diabetes-Related Health Outcomes: A Natural Experiment

Purpose: The goal of this project is to evaluate the impacts of a new policy that eliminates bus fare on changes in bus ridership, physical activity, health markers, and social determinants.

Agency: Centers for Disease Control and Prevention

Funding Mechanism: RFA-DP-20-002 Natural Experiments of the Impact of Population-targeted Policies to Prevent Type 2 Diabetes and Diabetes Complications

Principle Investigator: Berkley-Patton, J. & Carlson, J.

Role: Co-I

Proposed Dates of Project Period: September 2020 – September 2025

Percent Effort: 5%

Project Title: Impacts of City-Wide Zero-Fare Bus Transit on Ridership, Physical Activity, Health Determinants, and Diabetes-Related Health Outcomes: A Natural Experiment

Purpose: The goal of this project is to evaluate the impacts of a new policy that eliminates bus fare on changes in bus ridership, physical activity, health markers, and social determinants.

Agency: NIH/NIDDK application:

Funding Mechanism: PAR-18-854 Time-Sensitive Obesity Policy and Program Evaluation

Principle Investigator: Berkley-Patton, J. & Carlson, J.

Role: Co-I

Proposed Dates of Project Period: September 2020 – August 2024

Percent Effort: 5%

Project Title: Young at Heart: facilitating positive health through inter-generational engagement

Purpose: Fellowship application to enhance research and leadership skills. The proposed research project aims to develop an intergenerational program to improve health of racial minorities in Kansas City.

Agency: Robert Wood Johnson Foundation: Interdisciplinary Research Leaders

Principal Investigator: Grimes, A.; Lightner, J.; & Miller, T.

Date Submitted: February 2020

Proposed Dates of Project Period: 2020-22023

Projected Total Costs: $350,000

Percent Effort: 10%

Project Title: Transportation Equity: Increase Bike Share Use Among College Students to Improve Social Determinants of Health

Purpose: To increase transportation equity among college students by introducing a city-wide bike share membership at no cost to students to improve social determinants of health.

Agency: Health Forward Foundation

Principal Investigator: Grimes, A.; Frisch, M.

Date Submitted: Feb 2020

Proposed Dates of Project Period: June 2020- May 2022

Projected Total Costs: $130,000

Percent Effort: 5%

Project Title: Advancing Student Transportation Solutions

Purpose: The purpose of this project is to increase transportation equity for UMKC students by granting free access to KC Bike Share while providing bike education to increase use.

Agency: Kresge Foundation

Co-Principal Investigators: Grimes, A., Frisch, M.,

Date Submitted: May 2019

Proposed Dates of Project Period: September 2019- August 2021

Projected Total Costs: $301,100

Percent Effort: 5%

Project Title: Bicycle skills education at schools

Purpose: The main objective of this research is to explore if and how school-age children are receiving bicycle education through the school setting.

Agency: University of Missouri Research Board

Principal Investigator: Grimes, A.

Date Submitted: Nov. 2018

Proposed Dates of Project Period: 2019-2020

Projected Total Costs: $8,262.00

Percent Effort: 0%

Project Title: Engaging Community Experts as Citizen Scientists to Assess Biking and Walking Behaviors of Invisible Riders and Pedestrians in Kansas City

Purpose: The purpose of this research project is to engage and collaborate citizen scientists in often under engaged communities to understand current behaviors and barriers to walking and biking through the lens of the invisible rider/walker.

Agency: Frontiers: University of Kansas Clinical and Translational Science Institute

Principal Investigator: Grimes, A. & Lightner, J.

Date Submitted: August 2017

Proposed Dates of Project Period: August 2018- July 2019

Projected Total Costs: $10,000

Percent Effort: 10%

Project Title: Engaging Citizen Scientists to Inform, Mobilize, and Advocate for Safe and Equitable Streets in Kansas City

Purpose: The purpose of the project is to engage*,* mobilize, and collaborate with invisible riders and other citizens in often under engaged communities to create an equitable and safe environment to participate in active transportation and healthy lifestyles.

Agency: Health Care Foundation of Greater Kansas City

Principal Investigator: Grimes, A. & Lightner, J.

Date Submitted: February 2017

Proposed Dates of Project Period: June 2018- May 2019

Projected Total Costs: $159,653

Percent Effort: 10%

Project Title: How does an individual’s civic engagement begin and evolve over the course of time, and what impact does it have on their social capital and well-being?

Purpose: To explore civic engagement initiation and its change over time and its impact on social capital and well-being.

Agency: Corporation for National and Community Service

Role: Principal Investigator

Principal Investigator: Grimes, A.

Date Submitted: July 2017

Proposed Dates of Project Period: October 2017 – September 2018

Projected Total Costs: $150,000

Percent Effort: 10%

Project Title: Intergenerational Pen Pal Programs

Purpose: To create a pilot program to study the effects of written exchanges between current UMKC college students and older adults aged 65 years and greater in Eastern Jackson County.

Agency: Truman Heartland Foundation

Principal Investigator: Grimes, A.

Date Submitted: April 2017

Proposed Dates of Project Period: 2017-2018

Projected Total Costs: $3,100

Percent Effort: 0%

**Research Grants under Review**

Project Title: SAI: Bikeshare Infrastructure for Quality Urban Environments "BIQUE"

Purpose: This study seeks insight regarding how human reasoning and decision-making, combined with social and cultural processes, affects transportation infrastructure and equity in urban areas

Agency: NSF

Funding Mechanism: NSF 23-533 - Strengthening American Infrastructure

Role: PI

Principal Investigator(s): Grimes, A. (PI), Frisch, M. (Co-PI), Chen, S.C. (Co-PI)

Date Submitted: 3-15-2023

Funding Dates: June 2024 – May 2027

Projected Total Costs: $715,926

Percent Effort: 10%

Project Title: Communities leading change: Advancing Black and Latino capacity to create nutrition and physical activity environmental and systems change

Funding Mechanism: CDC-RFA-DP-23-0014

Agency: Centers for Disease Control and Prevention

Role: Co-Principal Investigator

Date Submitted: Apr 2023

Proposed Dates of Project Period: 2023-2028

Projected Total Costs (Year 1): $1,420,214

**PUBLICATIONS**

*\* data-based (i.e., reports data from a research project/systematic investigation)*

*# mentored junior faculty*

*+ mentored student*

**Refereed Published Articles**

1. \*Lightner, J., Collinson, S., & Grimes, A. (2022). Cost analysis of a culturally appropriate, community-delivered interventions to increase physical activity. American Journal of Health Promotion. Accepted for publication
2. \*Lightner, J.S.,Eighmy, K., Valleroy, E., Wray, B., & **Grimes, A.** (2023). The effectiveness of an after-school sports sampling intervention on urban middle school youth in the Midwest: A post-test only study. JMIR Pediatr Parent, e42265. Doi: 10.2196/42265
3. \*+Baughn, M., Arellano, V., Crosby, B., Lightner, J., **Grimes, A.,** King, G. (2022). Physical activity, balance, and bicycling in older adults. PLOS ONE 17(12): e0273880. <https://doi.org/10.1371/journal.pone.0273880>
4. \*+Wray, B. **Grimes, A.,** Eighmy, K.E., Lightner, J.S. (2022). The relationship between social integration and physical activity, diet, and sleep among youth: Cross-sectional survey study. JMIR Pediatr Parent; 5(4):e40354. doi: 10.2196/40354
5. \*+Lightner, J., **Grimes, A.,** Rhone, J., Martin, K., Moss, J., Wray, B.,Eighmy, K.,Valleroy, E., & Baughn,M.(2022).Fresh produce delivery to middle school youth: Outcomes of a case study in providing fresh fruit and vegetables to underserved youth. *American Journal of Health Promotion.* [online ahead of print] DOI: [10.1177/08901171221136858](https://doi.org/10.1177/08901171221136858)
6. \*+Baughn, M., **Grimes, A., &** Kachadoorian, C. (2022). Changes to physical activity levels in adults aged 50+ in the first six months of the COVID-19 pandemic. *Gerontology and Geriatric Medicine.* 8, 23337214221106848. <https://doi.org/10.1177/23337214221106848>
7. \*+Eighmy, K., Lightner, J., **Grimes, A.,** Miller, T. (2022). Physical literacy of marginalized middle school adolescents in Kansas City Missouri public schools. *Pediatric Exercise Science.* 34(4), 169–174. https://doi.org/10.1123/pes.2021-0075
8. **+Grimes, A.,** Lightner, J., Eighmy, K., Wray, B., Valleroy., & Baughn. (2022). Physical activity and nutrition intervention for middle schoolers (Move More, Get More): Protocol for a quasi-experimental study. *JMIR Research Protocols.* 2022;11(5):e37126 doi: [10.2196/37126](https://doi.org/10.2196/37126)
9. **\*****Grimes, A.**, & Kachadoorian, C. (2022). Understanding physical activity differences among older adults: Validating a proposed typology of physical activity as a tool to increase physical activity by older adults. *Gerontology & Geriatric Medicine, 8*. <https://doi.org/10.1177/23337214221094187>
10. **+\*Grimes, A.,** Lightner, J., Eighmy, K., Steel, C., Shook, R., Carlson, J. (2022). Decreased physical activity among youth resulting from COVID-19 pandemic–related school closures: Natural experimental study. *JMIR Formative Research,* 6(4):e35854 DOI: 10.2196/35854
11. **\*****Grimes, A**., Lightner, J., Pina, K., Donis de Miranda, E., Missen-Sibelius, E., Shook, R., Hurley, E. (2022). Designing an adolescent physical activity and nutrition intervention before and after COVID-19: A formative research study. *JMIR Formative Research,* 6(1).
12. \*Steel, C., Crist, K., **Grimes, A**., Bejarano, C., Ortega, A., Hibbing, P. R., Schipperijn, J., & Carlson, J. A. (2021). Validity of a GPS-based algorithm and consumer wearables for classifying active trips in children and adults. *Journal for the Measurement of Physical Behaviour, 4*(4).
13. **\*Grimes, A.,** Subramaniam, D.P., Lightner, J. (2020). Misconceptions about biking and driving: Drivers’ understanding of Missouri bicycle laws. *Journal of Transport and Health,* *21* (June).
14. **\*****Grimes, A.,** & Smirnova, M. (2020). Perspectives on an earn-a-bike intervention on transportation, health and self-esteem among men experiencing homelessness. *Journal of* *Transport and Health, 18* (September).
15. **\**+*Grimes, A.,** & Baker, M. (2020). The effects of a citywide bike share system on active transportation among college students: A randomized controlled pilot study. *Health Education & Behavior, 47*(3), 412–418.
16. \*Carlson, J.A., Steel, C., Bejarano, C., **Grimes, A**., Shook, R.P., Reddy, A., Green, M., Morefield, T., Steele, L., Campbell, K., & Rogers, E. (2020). Impacts of an earn-a-bike cycling education program on children’s time spent cycling. *Journal of Transport & Health, 16* (March).
17. **\*Grimes, A**., Chrisman, M., & Lightner, J. (2020). Barriers and motivators of bicycling by gender among older adult bicyclists in the Midwest. *Journal of Health Education & Behavior, 47*(1), 67-77.
18. \*Carlson, J.A., **Grimes, A**., Green, M., Morefield, T., Steel, C., Reddy, A., Bejarano, C., Shook, R.P., Moore, T., Steele, L., Campbell, K., & Rogers, E. (2019). Impacts of temporary pedestrian streetscape improvements on pedestrian and vehicle activity and community perceptions. *Journal of Transport and Health, 15* (Dec).
19. \*Esslinger, K., **Grimes, A.,** & Pyle, E. (2016). Effects of Requiring Physical Fitness in a Lecture-Base College Course; Students Attitudes Towards Physical Activity. *The Physical Educator, 73* (1).
20. \*Dixon, D. L., Esslinger, K., Yen, W. J., & **Grimes, A.** (2015). Body Image Perception and Body Dissatisfaction Gender Differences. *KAHPERD Journal*, *53* (1).

**Submitted Manuscripts Under Review**

Berkley-Patton J, Bowe Thompson C, Lindsey C, Templeton T, Burgin T, Patterson Hazley M, White F, Allsworth J & the OHKCE Work Group. (2023, Feb). Rapid Mobilization of Multisectoral Initiative to Increase Reach of COVID-19 Vaccinations and Health Services in Socially Vulnerable Communities: Our Healthy KC Eastside Initiative. Submitted AJPH.

Lightner, J., Wigginton, M., & Grimes, A. (2023). Physical activity in the United States, Puerto Rico, and Guam: Rates, types, and predictors. Submitted to the *International Journal of Physical Activity and Health.*

**OTHER PUBLICATIONS**

Lightner, J.S**., Grimes, A.,** Wiggington, M., & Prochnow, T. (2022). Policy statement on the importance of physical education for youth. American Public Health Association. [https://www.apha.org/Policies-and-Advocacy/Public-Health-Policy-Statements/Policy-Database/2022/01/07/Supporting-Physical-Education-in-Schools-for-All-Youth](https://nam02.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww.apha.org%2FPolicies-and-Advocacy%2FPublic-Health-Policy-Statements%2FPolicy-Database%2F2022%2F01%2F07%2FSupporting-Physical-Education-in-Schools-for-All-Youth&data=04%7C01%7CGrimesA%40umkc.edu%7Cf97a3d1cfb05441df2d908d9db62c57f%7Ce3fefdbef7e9401ba51a355e01b05a89%7C0%7C0%7C637782039685589404%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000&sdata=lxNY0Sx08W6FstqE%2F617GX8GVe%2B1C2lPrXoJjAFXVW0%3D&reserved=0)

**Other Publications under review**

Thau, A., Albright, R., Tong, KP., Morgenstern, A., Simon, J., Webb, K., Ibanez, J., Brooks, B., Blake, N., Grimes, A., & Wiggington, M. Falls prevention in adults aged 65 and older. Accepted into the 2022 American Public Health Association proposed policy statement cycle as D3. Proposed policy statements only become official APHA policy statements after approval by the APHA Governing Council at the Annual Meeting.

Published Proceedings

Esslinger, K., Dixon, D., Yen, W., Grimes, A. (2014). Fitness Perceptions of College-Age Men and Women; Research Program Schedule. *Research Quarterly for Exercise and Sport. 85* pg 61 – 61

**PRESENTATIONS**

*# mentored junior faculty*

*+ mentored student*

Refereed Presentations

1. Grimes, A. (2023). Athletics: An engagement opportunity for faculty. UMKC CAFE Conference. Kansas City, MO.
2. Grimes, A., Baughn M., Arellano, V., Hawthorne-Crosby, B., King, G., Lightner J.S.**.** (2022) Physical Activity, Balance, and Bicycling in Older Adults. The Gerontological Society of America (GSA) 2022 Annual Scientific Meeting. Indianapolis, IN.
3. Lightner, J.S., **Grimes, A.,** Rhone J., Martin, K., Moss, J., Wray, B., Eighmy, K., Valleroy, E., & Baughn, M. (2022) Fresh produce delivery to middle school youth: Outcomes of a case study in providing fresh fruit and vegetables to underserved youth. Poster presentation at the 2022 University of Missouri Extension and Engagement Week. Columbia, MO.
4. +Baughn, M., Hornosky, M., Al-Saoudi, N., **Grimes, A**., (2022). Perception of the COVID-19 Vaccine among Missourians aged 15-21 Years Old. Accepted to the Society for Public Health Education 2022 Annual Advocacy Summit. Washington, D.C.
5. Berkley-Patton, J., Bowe Thompson, C., Newman, D., Upton, L., Wilson, G., Smith, D., Myers, M., Williams, C., **Grimes, A.,** Clifford, C., and White, F. (2022). Mobilizing a countywide initiative to increase access to COVID-19 vaccinations and health screenings using a community-based participatory research and community-health-academic-county partnership approaches. Roundtable presentation at the 150th Annual Meeting and Expo of the American Public Health Association, Boston, MA
6. **Grimes, A**., Wray, B., & Steele, L. Increasing health equity by improving neighborhood routes to schools and parks: A feasibility study. Accepted to the 2022 American Public Health Association Annual Expo and Meeting. Boston, MA
7. Eighmy, K., Valleroy, E., Lightner, J.S., Grimes, A., Winter, V., & Landor, A. (2022). The Influence of Physical Activity and Physical Literacy on Body Image in Urban Youth. APHA Annual Expo and Meeting. Boston, MA.
8. Berkley-Patton, J., Patterson Hazley, M., Bussey, M., **Grimes, A.** (2022). Culturally Tailored Marketing Tools to Encourage Vaccine Uptake within Hard to Persuade Populations. Presentation at the Social Marketing in Public Health Conference. Clearwater Beach, Florida. [Oral Presentation]
9. +Baughn, M., Al-Saoudi, N., Hornosky, M., & Grimes, A. (2022, April 21). Perception of the COVID-19 Vaccine among Missourians aged 15-21 Years Old. In *UMKC*. Undergraduate Research Symposium, Kansas City, MO. UMKC.
10. +Coffman, I., Eighmy, K., Lightner, J. S., & Grimes, A. R. (2022, April 21). Getting Around KC: The relationship between public transportation use and physical activity. At *UMKC* Undergraduate Research Symposium, Kansas City, MO. UMKC.
11. Kachadoorian, C., & **Grimes, A.** (2021). Understanding older adults' physical activity as a Guide to Place & Health: Developing and using a physical activity typology for older adults. Place & Health 2021. Virtual Conference. [Poster Presentation].
12. +Wray, B., **Grimes, A.**, Lightner, J. (2021). Examining the relationship between social connectedness and obesogenic behaviors in urban, middle school youth. Accepted to the 2021 APHA Annual Expo and Meeting. Denver, CO. [Oral Presentation]
13. +Eighmy, K., Lightner, J., **Grimes, A.** (2021). Physical literacy of marginalized middle school adolescents in Kansas City Missouri public schools. Accepted to the 2021 APHA Annual Expo and Meeting. Denver, CO. [Poster Presentation]
14. +Eighmy, K., Lightner, J., **Grimes, A.** (2021). Using the consolidated framework for implementation research (CFIR) to evaluate a physical activity and nutrition intervention: A rapid cycle evaluation. Accepted to the 2021 APHA Annual Expo and Meeting. Denver, CO. [Poster Presentation]
15. +Baughn, M., **Grimes, A.,** Kachadoorian, C. (2021). COVID-19 impact on older adults’ physical activity levels. Accepted to the 2021 APHA Annual Expo and Meeting. Denver, CO. [Poster Presentation]
16. **Grimes, A.,** Lightner, J., Miller, T., Carlson, J., & Steel, C. (2021). The summer slide began early: Youth’s physical activity decreased during COVID-19 school closure. Accepted to the 2021 APHA Annual Expo and Meeting. Denver, CO. [Poster Presentation]
17. **Grimes, A.,** Lightner, J., Besenyi, G., & Eighmy, K. (2020). Park and Trail use amid the COVID-19 Pandemic. Accepted to the 2020 SOPHE Annual Conference. Virtual Conference. [Poster Presentation]
18. **Grimes, A.,** Lightner, J., Miller, T., Pina, K., Donis De Miranda, E, Meissen-Sebelius, E., Shook, R., & Hurley, E. (2020). Sports, physical activity and youth: A qualitative investigation to inform intramural sport participation. Accepted to the 2020 APHA Annual Expo and Meeting. Virtual Conference. [Oral Presentation].
19. **Grimes, A.** (2020). Misconceptions about Biking and Driving: Drivers understanding of Missouri bicycle laws. Accepted to the 2020 Active Living Conference. Orlando, FL. [Oral Presentation]
20. **Grimes, A.,** Lightner, J., & Gorton, K. (2019). Women-specific bicycling skills course, why it is needed and its impacts. Accepted to the 2019 APHA Annual Expo and Meeting. Philadelphia, PA. [Poster]
21. **+Grimes, A.** & Baker, M. (2019). 10,000 Steps per Day, How Are College Students Measuring up? Accepted to the 2019 APHA Annual Expo and Meeting. Philadelphia, PA. [Oral Presentation]
22. **Grimes, A.** & Smirnova, M. (2019). Advancing Health Equity and Empowering Homeless Men through an Earn-a-Bike Program. Accepted to the 2019 SOPHE Annual Conference. Salt Lake City, UT. [Oral Presentation]
23. **\*+Grimes, A.** & Baker, M. (2019). Effects of a Free Membership to a Citywide, Campus Integrated, Bike Share System on College Student Physical Activity Behaviors: A Randomized Controlled Pilot Study. Accepted to the 2019 SOPHE Annual Conference. Salt Lake City, UT. [Poster].
24. +Baker, M. & **Grimes, A.** (2018). The Effects of a City-Wide Bike Share System on Active Transportation among College Students: A Randomized Controlled Pilot Study to Examine the Motivators and Barriers to Bicycling. 2018 Heartland Conference on Health Equity and Patient Centered Care. Kansas City, KS. [Poster].
25. Green, M., **Grimes, A.** & Vaughan, E. (2018). Transportation Equity in Kansas City. Presented at Heartland Conference on Health Equity and Patient Centered Care. Kansas City, KS. [Oral Presentation]
26. **Grimes, A.,** Chrisman, M., & Lightner, J. (2018). Social, personal, and environmental barriers and promoters of cycling in older, Midwestern adults. Accepted to the 2018 APHA Annual Expo and Meeting. San Diego, CA. [Poster].
27. **Grimes, A.,** Chrisman, M., & Lightner, J. (2018). Patterns, barriers and correlates of cycling in older adults residing in the Midwest. Accepted to the 2018 SOPHE Annual Conference. Columbus, OH. [Poster].
28. **Grimes, A.** & Chrisman, M. (2018). Associations between Bicycling, Balance, and Health Outcomes among Adults 50+ in the Kansas City Metropolitan Area. [Poster]. Accepted to the Heartland Conference on Health Equity and Patient Centered Care. Overland Park, KS. [Poster]
29. **Grimes, A.** & Chrisman, M. (2017). Barriers and Facilitators to Bicycling among adults 50+ in the KC metropolitan area. Accepted to the Heartland Conference on Health Equity and Patient Centered Care. Overland Park, KS. [Poster]
30. **Grimes, A.** (2016). 5 Minute Animations. Focus on Assessment Conference. Kansas City, MO. [Oral Presentation]
31. Esslinger, K., Dixon, D., Yen, W. & **Grimes, A.** (2014). *Fitness Perceptions of College age Men and Women*. AAHPERD National Convention and Exposition. St. Louis, MO. [Poster].
32. Harris, J., **Grimes, A.** (2012). *Healthy Amistad: Improving the Health of People with SMI.* Presented at the Clute Institute International Academic Conference. Orlando, FL. [Oral Presentation]
33. **Grimes, A.,** Gorman, D. (2011). *Designing Questions which Peak Interest and Promote Learning*. Presented at the 2011 Hawaii International Conference on Education. Honolulu, HI. [Oral Presentation]
34. **Grimes, A.,** Esslinger, K. (2011). *Anxiety and Sleep is Affecting College Students Attendance*.. 2011 Hawaii International Conference on Education. Honolulu, HI. [Poster]
35. Gorman, D., Ogbeide , G., & **Grimes, A.** (2010). *Active Learning Techniques: Developing Student Interest and Discussion by Asking Insightful Questions*. Presented at the 2010 University of Arkansas Wally Cordes Teaching and Faculty Support Center Teaching Retreat. Petit Jean, AR
36. **Grimes, A.,** Gorman, D., (2010). *Negative Reinforcement as an Incentive in the College Classroom Shows No Significant Improvement in Course Grade*. 2010 Hawaii International Conference on Education. Honolulu, HI. [Poster]
37. Gorman. D., Esslinger, K., and **Grimes, A**. (2010). *How much do you really know about science: Test your knowledge.* Presented at the Arkansas Gifted and Talented Education Conference, Little Rock, AR.
38. Gorman, D., **Grimes, A.,** Esslinger, K. (2010). *How much do you really know?* Presented at the 2010 Arkansas Gifted and Talented Education Conference, Little Rock, AR.

Invited Presentations

**Grimes, A.,** & Lightner, J.S. (2022). Making the Healthy Choice the Easy Choice with Policy, Systems and Environmental Work. University of Missouri Extension & Engagement Week Webinar. November 10, 2022.

Lightner, J.S. & **Grimes, A.** (2021). Movement as medicine: the state of youth mental health. U.S. Department of Health and Human Services Webinar. November 3, 2021.

**Grimes, A.** & Lightner, J. (2020). Move More Get More: Youth engagement in sports intervention. Formative Research. Kansas City. Kansas City, MO. November 10, 2020.

**Grimes, A.,** & Garret, S. (2018). Service Learning in health sciences. FaCET Fall 2018 Conference. Kansas City, MO

**Grimes, A.** (Oct. 9, 2018). People: Building on Community Assets [Panel Discussion]. AARP’s Putting People First: Public Private Partnerships and Livability in Kansas City. Kansas City, MO

Abstracts/Presentations Under Review

Lightner, J., Grimes, A., Wigginton, M., Schneider, J., and Prochnow, T. (2023). Physical activity among transgender individuals: A systematic review. Submitted to the American Public Health Association Annual Expo. Atlanta, GA.

Lightner, J., Wigginton, M., & Grimes, A. (2023). Physical activity in the United States, Puerto Rico, and Guam: Rates, types, and predictors. Submitted to the American Public Health Association Annual Expo. Atlanta, GA.

Grimes, A., Todd, R., Ankrom, B., Valleroy, E., & Lightner, J. (2023). Examining the relationship between a child’s physical literacy and their parent’s role in supporting physical activity. Submitted to the American Public Health Association Annual Expo. Atlanta, GA.

Grimes, A., Carlson, J., Lightner, J., Allsworth, J., Bowe-Thompson, C., Moon, M., Miller, M., Ross, K. & Berkley-Patton, J. (2023). Zero-fare bus: A population approach to active living and healthy eating. Submitted to the American Public Health Association Annual Expo. Atlanta, GA.

Lightner, J., Valleroy, E., Todd, R., Eighmy, K, & Grimes, A. (2023). Cost utility analysis of an after-school sports sampling program. Submitted to the American Public Health Association Annual Expo. Atlanta, GA.

Submitted Abstracts/Presentations (but not accepted)

+Baughn, M., Al-Saudi, N., Hornosky, M., **Grimes, A.** Perception of the COVID-19 vaccine among Missourians aged 15-21 years old. Submitted to the 2022 American Public Health Association Annual Expo and Meeting. Boston, MA

+Baughn, M., Arellano, V., Hawthorne-Crosby, B., Grimes, A., Lightner, J., King, G. Bicycling, balance, and physical activity: Fall prevention for older adults. Submitted to the 2022 American Public Health Association Annual Expo and Meeting. Boston, MA

+Rhoden, S., Grimes, A., Kachadoorian, C. (2021). Cycling past 50: Learning from the inside. Submitted to APHA Annual Expo and Meeting. Denver, CO.

+Dean, D., Grimes, A., Lightner, J., Miller, T., …(2021). Skin tone satisfaction among middle school adolescents: Does skin tone satisfaction impact mental health, perceived body positivity, and BMI?. Submitted to APHA Annual Expo and Meeting. Denver, CO.

Grimes, A., & Chrisman, M. (2017). Bicycle use, balance confidence, and health in adults aged 50+. SOPHE Annual Conference. Denver, CO.

Grimes, A., & Chrisman, M. (2017). Bicycle use, balance confidence, and health in adults aged 50+. APHA Annual Conference. Denver, CO.

Grimes, A., & Chrisman, M. (2017). Patterns, barriers and correlates of cycling in older adults residing in the Midwest. APHA Annual Conference. Atlanta, GA.

**TEACHING ACTIVITIES**

Undergraduate Courses Taught

|  |  |  |  |
| --- | --- | --- | --- |
| Semester | Role | Course | Enrollment |
| Spring 2013 | Faculty Instructor | HLSC 440 (490) Policy & Ethics in Health | 37 |
| Fall 2013 | Faculty Instructor | HLSC 101 Intro to Health Sciences | 82 |
| Fall 2013 | Faculty Instructor | HLSC 230 Health Issues & Aging | 61 |
| Fall 2013 | Faculty Instructor | HLSC 470 (490) Tech., Marketing, & Media in Health | 40 |
| Spring 2014 | Faculty Instructor | HLSC 101 Intro to Health Sciences | 80 |
| Spring 2014 | Faculty Instructor | HLSC 230 Health Issues & Aging | 58 |
| Spring 2014 | Faculty Instructor | HLSC 440 Policy & Ethics in Health | 63 |
| Su 2014 | Faculty Instructor | HLSC 434D Hist. of Healthcare  NURSE 434D Hist. of Healthcare  NURSE 434D Hist. of Healthcare | 4  2  2 |
| Fall 2014 | Faculty Instructor | HLSC 101 Intro to Health Sciences | 80 |
| Fall 2014 | Faculty Instructor | HLSC 230 Health Issues & Aging | 59 |
| Fall 2014 | Faculty Instructor | HLSC 432B Holistic Healthcare  NURSE 432B Holistic Healthcare  NURSE 432B Holistic Healthcare | 17  33  12 |
| Fall 2014 | Faculty Instructor | HLSC 470 Tech., Marketing, & Media in Health | 60 |
| Spring 2015 | Faculty Instructor | HLSC 101 Intro to Health Sciences | 80 |
| Spring 2015 | Faculty Instructor | HLSC 230 Health Issues & Aging | 63 |
| Spring 2015 | Faculty Instructor | HLSC 476 Scientific Inquiry  NURSE 476 Scientific Inquiry | 28  32 |
| Summer 2015 | Faculty Instructor | HLSC 476 Scientific Inquiry | 13 |
| Fall 2015 | Faculty Instructor | HLSC 101 Intro to Health Sciences | 57 |
| Fall 2015 | Faculty Instructor | HLSC 230 Health Issues & Aging | 58 |
| Fall 2015 | I covered 25% for a med. Leave | HLSC 315 Health Literacy | 32 |
| Fall 2015 | Faculty Instructor | HLSC 476 Scientific Inquiry | 40 |
| Fall 2015 | Faculty Instructor | NURSE 315 Health Literacy | 9 |
| Spring 2016 | Team taught 33% | ANCH 399 Aging and Innovation | 60 |
| Spring 2016 | Faculty Instructor | HLSC 230 Health Issues & Aging | 60 |
| Spring 2016 | Faculty Instructor | HLSC 470 Tech., Marketing, & Media in Health | 49 |
| Spring 2016 | Faculty Instructor | HLSC 476 Scientific Inquiry | 18 |
| Summer 2016 | Faculty Instructor | HLSC 476 Scientific Inquiry | 26 |
| Fall 2016 | Team taught 50% | ANCH 310 Aging and Innovation | 61 |
| Fall 2016 | Faculty Instructor | HLSC 101 Intro to Health Sciences | 77 |
| Fall 2016 | Faculty Instructor | HLSC 230 Health Issues & Aging | 60 |
| Fall 2016 | Faculty Instructor | HLSC 476 Scientific Inquiry | 35 |
| Fall 2016 | I covered 25% for a med. Leave | NURSE 476 Scientific Inquiry | 25 |
| Spring 2017 | Faculty Instructor | HLSC 230 Health Issues & Aging | 59 |
| Spring 2017 | Faculty Instructor | HLSC 476 Scientific Inquiry | 36 |
| Spring 2017 | Team taught 50% | HLSC 492 Health Science Specialty | 49 |
| Summer 2017 | Faculty Instructor | HLSC 230 Health Issues & Aging | 28 |
| Fall 2017 | Faculty Instructor | HLSC 230 Health Issues & Aging | 60 |
| Fall 2017 | Faculty Instructor | HLSC 470 Tech., Marketing & Media in Health | 41 |
| Fall 2017 | Faculty Instructor | HLSC 476 Scientific Inquiry | 21 |
| Spring 2018 | Faculty Instructor | HLSC 230 Health Issues & Aging | 60 |
| Spring 2018 | Faculty Instructor | HLSC 476 Scientific Inquiry | 24 |
| Spring 2018 | Faculty Instructor | HLSC 490 Independent Study | 1 |
| Su2018 | Faculty Instructor | HLSC 230 Health Issues & Aging | 22 |
| Summer 2018 | Faculty Instructor | HLSC 490 Independent Study | 1 |
| Fall 2018 | Faculty Instructor | HLSC 230 Health Issues & Aging | 60 |
| Fall 2018 | Faculty Instructor | HLSC 476 Scientific Inquiry | 22 |
| Fall 2018 | Faculty Instructor | HLSC 490 Independent Study | 1 |
| Spring 2019 | Faculty Instructor | HLSC 476 Scientific Inquiry | 46 |
| Spring 2019 | Faculty Instructor | HLSC 230 Health Issues & Aging | 58 |
| Su 2019 | Faculty Instructor | HLSC 230 Health Issues & Aging | 12 |
| Fall 2019 | Faculty Instructor | HLSC 476 Research Methods in Health Sciences | 15 |
| Fall 2019 | Faculty Instructor | HLSC 230 Health Issues & Aging | 58 |
| Fall 2019 | Team Taught 30% | HLSC 494 Internship in Health Sciences | 45 |
| Spring 2020 | Faculty Instructor | HLSC 476 Research Methods in Health Sciences | 19 |
| Spring 2020 | Faculty Instructor | HLSC 230 Health Issues & Aging | 60 |
| Fall 2020 | Faculty Instructor | HLSC 230 Health Issues & Aging | 50 |
| Fall 2020 | Faculty Instructor | HLSC 476 Research Methods in Health Sciences | 43 |

Student Research Advising, Chair/Adviser

**Student Degree Date**

Research Advising

Katlyn Eighmy MPH 2020-Present

Danei Smith BHS 2020-2020

Abbey Rowell BHS 2020-2021

Tra Statler BHS 2020-2021

Maya Baugh BHS 2020-Present

Ghada Safi ` BHS 2020-2020

Denise Dean BHS 2019-2022

Macy Hornosky Bio 2020-present

Aelita Pham MBA 2020-2020

Niveen Al-Saoudi Bio 2021-present

Ian Coffaman BHS 2022-2022

Amanda Bentley PhD 2022-present

Cynthea Thompson BSPH 2022-presnt

Research Chair/Co-Chair

Jennifer Silva BHS 2020-2020

Katlyn Eighmy BSPH 2019-2020

Michele Baker (Honors Thesis) BHS 2017-2018

Alison Slankard PhD 2018-2019

**PROFESSIONAL ACTIVITIES**

**AWARDS AND HONORS**

**Award or Honor Society/Agency Date**

CAFE Fellow – Faculty Engagement UMKC 2022

Award for Excellence in Mentoring Undergraduate UMKC 2022

Researchers, Scholars, and Artists

UM System Presidential Engagement Fellow UM System 2021-22 Nominee President’s Award for Faculty Engagement UMKC 2018

**PROFESSIONAL ACTIVITIES AND COMMUNITY SERVICE**

Memberships in Professional Organizations

**Organization Role Date(s)**

American Public Health Association Physical Activity Section 2020-Present Member/Section Councilor

Society for Public Health Education Midwest Past President 2019-2020

Society for Public Health Education Midwest President 2018-2019

American Public Health Association Aging Section Member 2016-2020

/Section Councilor

Society for Public Health Education Midwest Founding Member/ Vice Pres. Fall 2017-2018

Society for Public Health Education Member 2015-present

Editorial Activity

**Journal/Publisher Nature of Activity Date(s)**

Health Education & Behavior Guest Editorial Board Member 2021

PLOS ONE Reviewer 2021-present

Journal of American College Health Reviewer 2019-present

Health Education and Behavior Reviewer 2019-present

Heartland​ ​Conference on Health Equity Reviewer 2018-2020

Journal of Epidemiology & Community Health Reviewer 2018-present

**SERVICE**

***National***

American Public Health Association

Abstract Reviewer (2017-present)

Aging and Public Health Section Councilor (2017-2020)

Aging and Public Health Awards Committee Co-Chair (2017-2020)

Physical Activity Section Councilor (2020-present)

Society for Public Health Education

Annual Meeting Planning Committee (2020-present)

Abstract Reviewer (2018-present)

The National Commission for Health Education Credentialing

NCHEC Ambassador

US Department of Health and Human Services Youth Sports Program

Youth Sports Champion (2020-present)

***Local***

University of Missouri System

eLearning Faculty Advisory Committee (2019-present)

Office of eLearning Hiring Committee (2020)

University of Missouri-Kansas City

Digital Public Humanities Fellowship Selection Committee (2022)

Undergraduate Research Advisory Board (2021-present)

Engagement Council (2021-present)

UMKC Forward Committee (2020)

Faculty Senate Budget Committee (2019-2022)

Faculty Senate SONHS Rep (2019-present)

Aging Consortium

Member (2013-2019)

UMKC Intercollegiate Athletics Committee; Academic Review sub-committee

Member 2016-present

University of Missouri-Kansas City, School of Nursing and Health Studies

Steering Committee (2019-present)

SONHS Faculty Search Committee (2017-2018)

Budget Committee (2017-2022)

Faculty Development and Advancement Committee

Member (2014-present)

Chair (2018-2021)

Statistician Search Committee

Member (2016-2017)

United Way – UMKC Drive

SONHS Representative (Fall 2015)

BHS Faculty Search Committee

Member (2014, 2015, 2016, 2017, 2021)

Interprofessional Education Committee (2014-2015)

Continuing Education Committee

Member (2013-present)

Kansas City Physical Activity Plan

Infrastructure Committee Member (2020-present)

Sport Committee Member (2021-present)

SOPHE Midwest

Past President (2020)

President (2019)

Vice President (2018)

Founding Member/ Member (2017-Present)

Heartland Health Equity Conference

Conference Planning Committee (2018-2020)

BikeWalkKC

Board Past-Chair (2020-2021)

Board Co-Chair (2016-2020)

Board Vice Chair (2015)

Board Member (2014-present)

Big Brothers Big Sisters

“Big” (2014-2018)

Specialized Training

[Place-Based Scholarship Microcredential; 2021](https://api.badgr.io/public/assertions/RaxSN1ppQ8u7QYFUvqF44g?identity__email=grimesa%40umkc.edu)

[Art of Grantsmanship asynchronous online microcredential; 2021](https://badgr.com/public/assertions/xKdUqAoiQ-6NfIWxfnd6IA?identity__email=grimesa@umkc.edu)

Online teaching certification May 2014 (recertification SP 2021)

Faculty Success Program Fall 2018 (National Center for Faculty Development & Diversity)

UM System Faculty Scholars 2014

CHES (Certified Health Education Specialist) 75 hours CEs every 5 years 2010-2017

MCHES (Master Certified Health Education Specialist) 75 hours CEs every 5 yrs. 2017-Present