

**GRETCHEN BROWN MACY, EdD, MS, MPH, CSCS, CEAS**

**Department of Public Health  
1906 College Heights Blvd.  
Bowling Green, KY 42101  
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**EDUCATION**

***Doctor of Education in Kinesiology and Health Promotion***

August 2012

College of Education, University of Kentucky, Lexington, KY

Dissertation: “The Evaluation of the Life Is Cool Program”

GPA 4.0

***Masters in Public Health***

December 2011

Department of Public Health, Western Kentucky University, Bowling Green, KY

Area of Concentration: Health Education

Capstone: “Assessing Barriers to Physician Referral Rates to Diabetes Education  
in Bowling Green, KY”

GPA 4.0

***Masters of Science in Exercise Physiology***

May 2003

University of Louisville, Louisville, KY

GPA 4.0

***Bachelor of Arts in Exercise Science***

May 2001

Transylvania University, Lexington, KY

Major: Exercise Science

Honors in Exercise Science

Graduated magna cum laude

**TEACHING EXPERIENCE**

**Western Kentucky University** (2018-Present)

Associate Professor, Department of Public Health

Bowling Green, KY

**Western Kentucky University** (2012-2018)

Assistant Professor, Department of Public Health

Bowling Green, KY

**Bluegrass Community & Technical College** (2005-2008)

Adjunct Faculty, Department of Natural Sciences

Lexington, KY

**PROFESSIONAL EXPERIENCE**

<b>Western Kentucky University</b> (2011) Guest Lecturer, Department of Public Health	Bowling Green, KY
<b>Western Kentucky University</b> (2010-2011) Graduate Assistant, Department of Public Health	Bowling Green, KY
<b>Barren River District Health Department</b> (2011) Health Information Intern	Bowling Green, KY
<b>Richmond Place Assisted Living</b> (2004-2005) KY Exercise Physiologist	Lexington,

**AWARDS/CERTIFICATIONS**

College of Health and Human Services, Outstanding Service Award Nominee, October 25, 2023.

WKU Office of Sponsored Programs, First Time Principle Investigator Award, December 7, 2020.

Tobacco Free Campus Award from Kentucky Center for Smoke-free Policy, November, 10, 2020

Affiliate Member of the Center for Applied Science in Health and Aging, 2018-

Completed QPR Workshop for Suicide Prevention 2018

*Volunteers in Action* Community Service Award (KPHA)  
2018

Certified Ergonomics Assessment Specialist (CEAS)  
2018

Completed Green Dot Training for Sexual Harassment Awareness, 2017

College of Health and Human Services Graduate Research  
Funding Award, *Western Kentucky University*  
2010-2011

Sarah Guerin Graduate Scholarship, University of Kentucky  
2008-2009

National Strength and Conditioning Association Certified Strength and Conditioning Specialist 2002-Present

NASPE Student Major of the Year  
1997

## **GRANTS/CONTRACTS**

2023

**Collaborative Quick Turnaround Grant. G. Macy, A. Murphy, W. Harper, A. Griffiths, & K. Link.** “Using Concepts of *PhotoVoice* to Connect Students and Community Professionals.” Principal Investigator. Funded (\$8,108).

2022

**Quick Turnaround Grant. J. Basham, R. Taylor, G. Macy, & L. Archer.** “Understanding Challenges Female Leaders in OSH Face and Identifying Potential Interventions.” Co-Investigator. Funded (\$2,970).

**Central Appalachian Regional Education and Research Center (CARERC). G. Macy, C. Watkins, J. Basham, & V. Golla.** “*Assessment of Training Needs Among Occupational Safety and Health Professionals in South-Central Kentucky.*” Pilot funding project. Principal Investigator. Funded (\$19,431).

**National Institutes of Occupational Safety and Health.** R. Taylor, J. Basham, E. Sanyang, G. Macy, & K. Burch. Training Project Grant. Co-Investigator. Funded (\$450,000).

**U.S. Health Resources and Services Administration.** R. Taylor (PI), G. Macy, (Co-PI), T. Basta (Co-PI), E. Sanyang, A. Griffiths, K. Link, K. Haughtigan, K. Burch, L. Zhuhadar. Co-Principal Investigator. Front-Line and Health Care Worker Resiliency Project (KRP). Collaborators from WKU College of Health and Human Services, Ogden College of Engineering and Science, and Gordon Ford College of Business in partnership with Northern Kentucky University. Requested \$1,140,332 (Not Funded). Score 95/100 with no weaknesses indicated.

2021

**University of Cincinnati Pilot Research Project.** E. Sanyang, R. Taylor, G. Macy, J. Basham, J. Richardson. “Workplace violence among young black workers ages 18-24 in Southcentral Kentucky.” Co-Investigator. Funded (\$7,993.00)

**Kentucky Department of Emergency Management.** R. Taylor, E. Sanyang, J. Basham, & **G.Macy.** “Hazmat Commodity Flow Study in Northern KY and Pulaski County.” Co-Investigator. Funded (\$129,993)

2020

**CIEHS Pilot Project Program.** E. Sanyang, R. Taylor, **G. Macy,** V. Golla, L. Huntington-Moskos. “Firefighter Practices and Exposure in Response to COVID-19 in Northwestern Kentucky.” Co-Investigator. Funded (\$19,519)

2019

**Central Appalachian Regional Education and Research Center (CARERC).** **G. Macy,** C. Watkins, J. Basham, & V. Golla. “Statewide Assessment of Workplace Health Promotion Programs in Kentucky with a Comparison to National Trends.” Pilot funding project. Principal Investigator. Funded (\$15,000).

**National Institutes of Occupational Safety and Health.** V. Golla, R. Taylor, J. Basham, C. Watkins, & **G. Macy.** Training Project Grant. Co-Investigator. Approved (\$450,000).

2018

**Department of Health and Human Services for Medicaid and Medicare.** K.J. Crandall, J. Neils-Strunjas, ..... Civil Penalties Money Grant. Project Personnel. Funded (\$772,730)

**American Cancer Society.** C. Watkins & **G. Macy.** Becoming a Tobacco-Free Campus in Kentucky. Co-Principal Investigator. Funded (\$20,000).

2017

**WKU College of Health and Human Services RFP.** Center for Environmental and Workplace Health. R. Taylor, C. Watkins, **G. Macy,** J. Hwang, & J. Basham. Core Faculty. Funded (\$269,510)

**College of Health and Human Services Quick Turnaround Grant.** **G. Macy,** C. Watkins & M. Ickes. Assessing attitudes, perceptions, and behaviors related to tobacco use and policy among faculty, staff and students. Principal Investigator. Funded (\$1,500).

2016

**NIOSH Support for Conferences and Scientific Meetings (R13).** C Watkins, **G Macy,** J Hwang, J Basham. Roadmap to a Healthy Workplace Summit. Submitted August 11, 2016. Not Awarded.

**Central Appalachian Regional Education and Research Center Grant.** C Watkins, V Golla, **G Macy**, G Lartey. Integration of Health Promotion and Health Protection in Workplaces Located in a Rural State: Challenges and Implementation of Interventions. Co-investigator. Funded (\$12,000).

**Healthy Workforce Center of Excellence Pilot Grant (2).** C Watkins, V Golla, G Lartey, **G Macy**, W Sanderson. Integration of Health Promotion and Health Protection in Workplaces Located in a Rural State: Challenges and Implementation of Interventions. Not Awarded.

**Western Kentucky University RCAP Grant.** **G Macy** & C Watkins, Barriers of Implementation of Comprehensive Worksite Health Promotion Programs Among Rural Small Businesses. Not Awarded.

2015

**Healthy Workforce Center of Excellence Pilot Grant (1).** C Watkins, V Golla, G Lartey, **G Macy**, W Sanderson. Integration of Health Promotion and Health Protection in Workplaces Located in a Rural State: Challenges and Implementation of Interventions. Not Awarded.

**Healthy Communities Grant.** B Siddens, S Seshadri, L Houchin, J Golden, **G Macy**. BRIGHT: 5-2-1-0 Project. Not Awarded.

2014

**College of Health and Human Services Faculty Research Scholarship,** **G Macy**, S Seshadri, A Michimi, J Golden, & G Lartey. BRIGHT: Barren River Initiative to Get Healthy Together. Principal Investigator. Funded (\$3,307).

2013

**Kentucky Worksite Wellness Assessment Grant: (CDC Cooperative Agreement 2B01DP009022-13)** C Watkins, G Lartey, V Golla, & **G Macy**. Partner with the Kentucky Department for Public Health. Co-investigator. Funded (\$21,375).

2012

**Western Kentucky University RCAP Grant.** C Watkins, G Lartey, V Golla, & **G Macy**. A Pilot Study: Stress Management Assessment and Intervention for First Responders in Kentucky. Not awarded.

2011

**Kentucky Organ Donor Affiliates Grant.** J Bonaguro, C Nagy, G English, G Lartey & **G Macy**. Evaluation of the Life Is Cool Project. Co-investigator. Funded (\$24,309).

**PUBLISHED MANUSCRIPTS (\* denotes student author)**

**G. B. Macy**, A. Murphy, M. Ickes, C. Watkins, & B. Gates\*. (2022). Factors Predicting the Impact of Tobacco-free Policies on a Southeastern United States University Campus. *American Journal of Health Studies*, 36(3). Retrieved from <https://amjhealthstudies.com/index.php/ajhs/article/view/677>

R. Taylor, **G. Macy**, J. Hwang, V. Golla, C. Cann, & E. Sanyang (2022). Using Collaborative Partnerships to Engage Firefighters in Rural Communities. *Int. J. Environ. Res. Public Health*, 19, 2009. <https://doi.org/10.3390/ijerph19042009>

**G. Macy**, J. Basham, C. Watkins, & V. Golla (2021). “Workplace Health in Kentucky: A Statewide Comparison.” *International Journal of Environmental Research and Public Health*, 18(10): 5473. doi: 10.3390/ijerph18105473.

L. Newman, J. Scott, A. Childress, L. Linnan, J. Newhall, D. McLellan, S. Campo, S. Freewynn, L. Hammer, M. Leff, **G. Macy**, E. Maples, B. Rogers, D. Rohlman, L. Tenney, & C. Watkins (2020). Education and Training to Build Capacity in Total Worker Health®: Proposed Competencies for an Emerging Field. *Journal of occupational and environmental medicine*, 62(8), e384–e391. <https://doi.org/10.1097/JOM.0000000000001906>

**G. Macy**, J. Hwang, R. Taylor, V. Golla, C. Cann, & B. Gates\* (2019). “Examining Behaviors Related to Retirement, Cleaning, and Storage of Turnout Gear Among Rural Firefighters.” *Workplace Safety and Health*, 68(3; 129-138). DOI:10.1177/2165079919882951.

J. Hwang, R. Taylor, **G. Macy**, C. Cann, & V. Golla (2019). “Comparison of Use, Storage, and Cleaning Practices for Personal Protective Equipment Between Career and Volunteer Firefighters in Northwestern Kentucky in the U.S.” *Journal of Environmental Health*, 82 (5); 10-14.

A. Dispennette\*, M. Schafer, M. Shake, B. Clark, S. Vanover, & **G. Macy**, & K.J. Crandall (2019) "Effects of a Game-Centered Health Promotion Program on Fall Risk, Health Knowledge, and Quality of Life in Community-Dwelling Older Adults," *International Journal of Exercise Science*: Vol. 12 : Iss. 4, Pages 1149 - 1160. Available at: <https://digitalcommons.wku.edu/ijes/vol12/iss4/17>

C. Watkins, **G. Macy**, V. Golla, G. Lartey, & J. Basham (2018). “The Total Worker Health Concept: A Case Study in a Rural Workplace.” *Journal of Occupational and Environmental Medicine*: 60(5): 387-391. 10.1097/JOM.0000000000001273.

**G. Macy** & C. Watkins (2017). “A Mixed Methods Analysis of Workplace Health Promotion at Small, Rural Workplaces.” *American Journal of Health Studies*: 31(4): 232-242.

**G. Macy**, C. Watkins, G. Lartey & V. Golla (2017). “Depression screening, education, and treatment at the workplace: A pilot study utilizing the CDC Health Scorecard.” *International Journal of Workplace Behavioral Health*: 32(1): 3-13: DOI: 10.1080/15555240.2017.1282826.

**G. Macy**, M. Noland, G. Lartey, C. Nagy, J. Bonaguro & G. English (2016). “Using the Theory of Planned Behavior to Predict Students’ Intentions to Register as Organ Donors in the Future” *Transplant Journal of Australasia*: 25(3): 18-21.

C. Watkins, **G. Macy**, G. Lartey & V. Golla (2016). “Results of the CDC Health Scorecard Statewide Assessment.” *International Journal of Workplace Health Management*: 9(4): 398-410. DOI: 10.1108/IJWHM.-05-2015-0024.

**G. Macy**, M. Noland, G. English, J. Bonaguro, C. Nagy & G. Lartey (2015). “Life Is Cool: Introduction to Organ Donation and Transplantation.” *Journal of Health Education Teaching Techniques*: 2(2): 41-54.

R. Roka\*, A. Michimi, & **G. Macy** (2015). “Body mass index and waist circumference as a predictor of hypertension in U.S. adults: a comparative analysis by gender and race and ethnicity.” *High Blood Pressure and Cardiovascular Prevention*: 22(3): 265-273. DOI 10.1007/s40292-015-0106-3.

**G. Macy**, D. Shearer, & C. Hanshaw (2014). “Assessing Barriers to Provider Referrals to a Diabetes Education Program.” *The Kentucky Nurse*. July, August, September: 5-6.

**G. Macy**, C. Nagy, J. Bonaguro, G. English, M. Noland, & G. Lartey (2013). “Evaluation of the Life Is Cool Program.” *Transplant Journal of Australasia*: 23(1): 15-20.

## **TECHNICAL REPORTS**

**G. Macy**, J. Basham, K. Burch, V. Golla., R. Taylor, E. Sanyang, & C. Watkins. “Assessment of Training Needs Among Occupational Safety and Health Professionals in Kentucky.” Published August 25, 2023.

R. Taylor, E. Sanyang, J. Basham, & **G. Macy**,. “Northern Kentucky HAZMAT Commodity Flow Study.” Published May, 2023.

**G. Macy**, J. Basham, J. Macy, R. Taylor, & E. Sanyang. “HAZMAT Commodity Flow Study in Pulaski County, Kentucky.” Published March 27, 2023.

**G. Macy**, C. Watkins, J. Basham & V. Golla. “Workplace Health in Kentucky.” Published May, 2020.

C. Watkins, G. Lartey, **G. Macy**, V. Golla, & T. Lovely.  
“Results of the Kentucky Worksite Assessment: Utilization of the CDC’s Health Scorecard.” Published March, 2014.

C. Nagy, **G. Macy**, J. Bonaguro, G. English, & G. Lartey. “The Evaluation of the Life Is Cool Program.” Published November, 2011.

### **ACCEPTED MANUSCRIPTS**

Basham, J., Taylor, R. **Macy, G.** & Archer, L. (Accepted). Female Leaders in Occupational Safety & Health: Perceived Barriers & Potential Interventions. *SHIFT*, 2(2).

### **MANUSCRIPTS UNDER REVIEW (\* denotes student author)**

**Macy, G.**, Burch, K., Basham, J., Golla, V., Sanyang, E., Taylor, R., & Watkins, C. (under review). Mixed Methods Assessments of Training Needs Among Occupational Safety and Health Professionals. *Safety*.

Murphy, A. L., **Macy, G.**, & Basta, T. B. (under review). Preliminary results of a workplace health promotion program in higher education. *Building Healthy Academic Communities Journal*.

### **MANUSCRIPTS IN PROGRESS**

**Macy, G.**, Murphy, A. L., Basta, T. B., Powers, A.\* & McClain, E.\* Using the Worker WellBQ to Assess Faculty and Staff Needs. Planned submission to the *American Journal of Health Studies* Fall 2023.

**Macy, G.**, Murphy, A. L., Harper, W., Link, K., V., Griffiths, A., Win, S.\*, & East, A.\* Using Concepts of Photovoice to Engage in Discussions Related to Burnout and Wellbeing. Planned submission to the *International Journal of Environmental Research and Public Health* Fall 2023.

### **RESEARCH IN PROGRESS**

**G. Macy**, A. Murphy, W. Harper, A. Griffiths, & K. Link. “Using Concepts of *PhotoVoice* to Connect Students and Community Professionals.” Principal Investigator. Funded (\$10,000).



E. Sanyang, R. Taylor, **G.Macy**, J. Basham, J. Richardson. “Workplace violence among young black workers ages 18-24 in Southcentral Kentucky.” Co-Investigator. Funded (\$7,993.00)

**Reviewer: Journals**

- *Journal of Environmental and Occupational Medicine*
- *Journal of American College Health*
- *International Journal of Workplace Health Management*
- *Physical Therapy in Sport*
- *International Journal of Exercise Physiology*
- *International Journal of Behavioral Medicine*
- *International Journal of Environmental Research and Public Health*

**PRESENTATIONS**

**2023**

S. Win,\* A. East,\* G. Macy, A. Murphy, W. Harper, K. Link, & A. Griffiths. Using Concepts of Photovoice to Engage in Discussions Related to Burnout and Wellbeing Among Health and Human Services Professionals. Submitted for oral presentation at Kentucky Public Health Association Conference, March, 2024.

Basta, T., **Macy, G.** & Murphy, A. (2023). The Faculty/Staff Wellness Hour: Encouraging Results from a Pilot Intervention. Presented at the Association of Schools Advancing Health Professions Annual conference in Fort Lauderdale, Florida.\*

J. Basham, **G. Macy**, & J. Macy. “HAZMAT Commodity Flow Study in Pulaski County, Kentucky.” March 27, 2023.

**2021**

E. Sanyang, R. Taylor, **G. Macy**, V. Golla, & L. Huntington-Moskos. “Firefighter Practices and Exposure in Response to COVID-19 in Northwestern Kentucky.” Via Zoom Platform, R!P Louisville, CIEHS Pilot Project Program. October 28, 2021.

**G. Macy**, J. Basham & C. Watkins. “Integration of Health Promotion and Health Protection: Total Worker Health for Safety Professionals.” Via Zoom Online Platform. September 8, 2021.

**G. Macy**, T. Basta, R. Taylor, J. Basham, C. Watkins, & E. Sanyang. “Engaging Students and the Community Through Focused Research, Training, and Outreach.” College of Health and Human Services Research Seminar Series. Via Zoom Online Platform. February 12, 2021.

## **2018**

J. Scott, C. Watkins & **G. Macy**. “The Shift Toward Total Worker Health, Workplace Training and Community Partnerships.” Workers Compensation Institute. Orlando, FL. August 21, 2018.

C. Watkins, **G. Macy**, & R. Taylor. “Integration of Health Promotion and Health Protection: The Total Worker Health Concept on a University Campus.” Bowling Green, KY. June 20, 2018.

**G. Macy** & C. Watkins. “Behavior Change: Logan Aluminum.” Russellville, KY. March 8, 2018.

R. Taylor, J. Hwang, **G. Macy**, C. Watkins, J. Basham. “Firefighter Research Agenda.” Firefighter Training School. Owensboro, KY. February, 2018.

## **2017**

**G. Macy** & A. Murphy. “Qualitative and Mixed Methods Research.” College of Health and Human Services Research Workshop. Bowling Green, KY. October 25, 2017.

J. Hwang, R. Taylor, M. Cann, **G. Macy**, and V. Golla. 2017. A Mixed-Methods Approach to Assessing Exposure of Firefighters in Kentucky to Fire Smoke and Occupational Air Contaminants Council of State and Territorial Epidemiologists. 6<sup>th</sup> Annual Southeastern States Occupational Network (SouthON) Meeting. Nashville, TN. April 6, 2017.

## **2016**

C. Watkins, **G. Macy**, G. Lartey, & V. Golla. “Barrier Busters to Worksite Health Promotion Programs.” 2<sup>nd</sup> Annual Healthy Worksite Wellness Summit, Bowling Green, KY, April, 27, 2016.

## 2015

C. Watkins, **G. Macy**. “Action Plans for Worksites.” Healthy Worksite Wellness Summit, Bowling Green, KY, April, 29, 2015.

## 2014

R. Roka\*, A. Michimi, & **G. Macy**. “Body mass index and waist circumference as a predictor of hypertension in U.S. adults: a comparative analysis by gender and race and ethnicity.” Accepted for American Public Health Association Conference, New Orleans, LA, November, 2014.

C. Watkins, **G. Macy**, G. Lartey, & V. Golla..  
“Results of the Kentucky Worksite Assessment: Utilization of the CDC’s Health Scorecard.” Centers for Disease Control and Prevention, Atlanta, GA, June 19, 2014.

C. Watkins, G. Lartey, **G. Macy** & V. Golla..  
“Results of the Kentucky Worksite Assessment: Utilization of the CDC’s Health Scorecard.” Kentucky Public Health Association Conference, Louisville, KY, April 16, 2014.

C. Watkins, G. Lartey, **G. Macy** & V. Golla..  
“Results of the Kentucky Worksite Assessment: Utilization of the CDC’s Health Scorecard.” Kentucky Department for Public Health, Frankfort, KY, April 11, 2014.

E. Aghenta\*, **G. Macy**, G. Lartey, & D. Shearer. “Using the Theory of Planned Behavior to Explain Physical Activity Among College Students.” Kentucky Public Health Association Conference, Louisville, KY, April 16, 2014.

M.Perkins\*, E. Aghenta\*, G. Lartey, & **G. Macy**. “Self-esteem among south central Kentucky college students.” Kentucky Public Health Association Conference, Louisville, KY, April 16, 2014.

## 2014

**G. Macy**. “Evaluating the Community Health Improvement Plan; Healthcare.” Workshop for Healthcare Stakeholder Group of Barren River Community Health Planning Council. November 12, 2013.

## 2013

Organized and Introduced panel for WKU's Weight of the Nation Panel on the obesity epidemic. October, , 2013. Western Kentucky University, Bowling Green, KY.

### **Prior to 2013**

**G. Macy.** "The Life Is Cool Program." Research Symposium for Jackson State Faculty, Bowling Green, KY. April 30, 2012.

**G. Macy.** "Body Mass Index (BMI); School Based Data Collection." School Nurse Conference, Barren River District Health Department, Bowling Green, KY. July 2011.

**G. Macy.** "Etiology and Prevention of Anterior Cruciate Ligament Tears." Exercise Physiology Major Symposium, University of Louisville, Louisville, KY. February 2003.

### **POSTER PRESENTATIONS (\*denotes student author)**

J. Basham, R. Taylor , **G. Macy**, & L. Archer, "Female Leaders in Occupational Safety & Health: Perceived Barriers & Potential Inventions." BCSP Foundation's Research and Innovation Summit, Student Research Showcase, Indianapolis, IN, August 8, 2023.

**G. Macy**, A. Powers\* & E. McClain\*, "Using the Worker WellBQ to Assess Faculty and Staff Needs." Kentucky Public Health Association Conference, Bowling Green, KY, April 19-21, 2023.

J. Macy\*, **G. Macy**, J. Basham, R. Taylor, E. Sanyang, & C. Wallace\*, "HAZMAT Commodity Flow Study in Pulaski County, Kentucky." Kentucky Public Health Association Conference, Bowling Green, KY, April 19-21, 2023.

**G. Macy**, J. Basham, C. Watkins, & V. Golla. "Workplace Health in Kentucky: Training in Occupational Safety and Health." Kentucky Public Health Association Conference, Bowling Green, KY, April 21, 2022.

**G. Macy**, A. Adams\*, E. Sanyang, R. Taylor, J. Hwang, V. Golla, & C. Cann (2022). Using Collaborative Partnerships to Engage Firefighters in Rural Communities. Bryant Stiles Officers School, Owensboro, KY, February 26, 2022.

E. Sanyang, R. Taylor, **G. Macy** & J. Basham, Workplace Violence Among Young Black Workers Ages 18-24 in Southcentral Kentucky," *Pilot Research Project*. Via Zoom University of Cincinnati, October 21-22, 2021.

M. Pennington\*, **G. Macy**, C. Watkins, J. Basham, & V. Golla. "A Statewide Assessment of Workplace Health Promotion Programs in Kentucky with a Comparison to

National Trends.” Kentucky Public Health Association Conference, Virtual due to Covid-19, May 1, 2020.

Dispennette, K.A\*., Crandall, K.J., Schafer, M., Shake, M., **Macy, G.**, & Clark, B. Effects of Bingocize® on quality of life and fall risk in community –dwelling older adults. Midwest American College of Sports Medicine Conference, November 9-10, 2018.

**G. Macy**, A. Murphy, M. Ickes, C. Watkins, & B. Gates\*. "Assessment of awareness and comparison of the perceived impact of designated use areas to a 100% tobacco free campus policy.” American College Health Association Annual Meeting, Washington, D.C., May 31- June 1, 2018.

B. Gates\*, **G. Macy**, C. Watkins, A. Murphy, & M. Ickes. “Differences Between Faculty/Staff and Students on Tobacco Use and Perceived Impact of Tobacco Policies.” Kentucky Public Health Association Conference, Covington, KY, April 28, 2018.

B. Gates\*, **G. Macy**, C. Watkins, A. Murphy, & M. Ickes. “Differences Between Faculty/Staff and Students on Tobacco Use and Perceived Impact of Tobacco Policies.” College of Health and Human Services Research Showcase, Bowling Green, KY, March, 30, 2018.

**G. Macy**, A. Michimi, & S. Seshadri, “Barren River Initiative to Get Healthy Together (BRIGHT) Project.” College of Health and Human Services Research Showcase, Bowling Green, KY, March, 2016.

**G. Macy**, A. Michimi, S. Seshadri, J. Golden, K. Carter, & M. Noall, “Barren River Initiative to Get Healthy Together (BRIGHT) Project.” Kentucky Public Health Association Conference, Owensboro, KY, April, 2015.

**G. Macy**, C. Nagy, J. Bonaguro, G. English, & G. Lartey. “ Evaluation of the Life Is Cool Project.” American Public Health Association Conference, San Francisco, CA October 29, 2012.

**G. Macy**, C. Nagy, J. Bonaguro, G. English, & G. Lartey “The Life Is Cool Project.” Kentucky Public Health Association Conference, Louisville, KY. March 29, 2012.

### **MENTORED STUDENT RESEARCH**

#### **DISSERTATION COMMITTEE**

J. Basham\*, R. Taylor, G. Macy, & L. Archer. Dissertation for the Educational Leadership EdD. “Females in Safety: Barriers and Interventions.”

#### **THESIS CHAIR**

E. Aghenta\*, **G. Macy**, G. Lartey, & D. Shearer. “Using the Theory of Planned Behavior to Explain Physical Activity Among College Students.” May, 2014.

#### THESIS COMMITTEE

K. Dispennette\*, J. Crandall, M. Schafer, G. Macy. "The effects of Bingocize on fall risk, health knowledge, and quality of life in community-dwelling older adults." July, 2018.

#### HONORS THESIS COMMITTEE

K. Flora\*, D. Garrett-Wright, L. Sturgeon, G. Macy. " Pediatric Caregiver Health Literacy: Comparing Perceptions of Pediatricians and Nurse Practitioners." Spring 2021.

K. Ashley\*, M. Reece, & G. Macy. "Impact of Factors on Persistence of Prevalence of Smoking in Kentucky." Spring, 2020.

#### STUDENT CAPSTONE CHAIR

A. Koskei\*, "Marijuana use perceptions among users and non- users." May, 2013.

K. Morgan\*. "School based dental programs- A pilot study of the effect of "The Mighty Molar" program on parental knowledge, behaviors, and dental professional use in the Barren River District Area, KY." May, 2015.

P. Chavan\*, "Seat belt and Booster Seat Use among Drivers, Passengers and Children in Barren, Hart and Metcalfe Counties, Kentucky." May, 2013.

V. Chemweno\*, "Trend Analysis of Adult Smoking Rates in Kentucky, 2002-2010." May, 2013.

D. Glaser\*, "Prescription Opioid Abuse among Adolescents in Warren County - Findings from Parental Knowledge Survey." May, 2013.

L. Glass\*, "US. Public Health Service FDA Food Code and Impact on Restaurant Scores." May, 2013.

J. Patel\*, "Obesity and Drinking Patterns among the Adult Population in Kentucky." May, 2013.

M. Zahmak\*, "Socio-Demographic Factors and Colonoscopy/Sigmoidoscopy Use among Americans Age 50-75 Years, 2010: A Cross-Sectional Study from Behavioral Risk Factors Surveillance System." May, 2013.

V. Nikam\*, "Relationship of Physical Activity, Fruit and Vegetable Intake, and Race with Obesity among Houston, Texas High School Students." May, 2013.

R. Roka\*, "Body Mass Index and Waist Circumference as a predictor of Hypertension in an Adult U.S. Population: A Comparative Analysis." May, 2013.

## STUDENT POSTER PRESENTATIONS

M. Chaudhari,\* K. Patel\* Opioid crisis is a major public health concern in the United States. Kentucky Rural Health Association Conference, November 15-16, 2018.

J. Nasson\*, “Ethical Reasoning and the Culture Change Movement in Long-Term Care.” CHHS Research Showcase, Bowling Green, KY, March, 2017.

S. Pennington\*, “Ethical Considerations in Geriatric Occupational Therapy.” CHHS Research Showcase, Bowling Green, KY, April, 2016.

Y. Chen\*, “The Role of Hypertension in the Prevention of Cardiovascular Disease.” Kentucky Public Health Association Conference, Owensboro, KY, April, 2016.

K. Uju\*, “Anemia Among Pregnant Women in Nigeria.” Kentucky Public Health Association Conference, Owensboro, KY, April, 2016.

R. Bailey\*. “Prescription Opioid Abuse in Kentucky.” Kentucky Public Health Association Conference, Owensboro, KY, April, 2015.

R. Bailey\*. “Prescription Opioid Abuse in Kentucky.” WKU Student Research Conference, Bowling Green, KY, April, 2015.

B. Alipoorabedi\*.”Diabetes Mellitus and Renal Failure.” Kentucky Public Health Association Conference, Owensboro, KY, April, 2015.

P.Tadakamalla\* & M. Smith\*, “Self-Efficacy in Oral Cancer Screening Among Medical Providers in South Central Kentucky.” Kentucky Public Health Association Conference, Louisville, KY, April, 2014.

D. Walker\*, **G. Macy**. “Colon Cancer in Kentucky.” Kentucky Public Health Association Conference, Louisville, KY, April, 2014.

M. Yousuf\*, **G. Macy**. “Ill-Effects of Carbonated Beverages on Teeth.” Kentucky Public Health Association Conference, Louisville, KY, April, 2014.

E. Aghenta\*, **G. Macy**, G. Lartey, & D. Shearer. “Using the Theory of Planned Behavior to Explain Physical Activity Among College Students.” Kentucky Public Health Association Conference, Louisville, KY, April 16, 2014.

M.Perkins\*, E. Aghenta\*, G. Lartey, & **G. Macy**. “Self-esteem among south central Kentucky college students.” Kentucky Public Health Association Conference, Louisville, KY, April 15, 2014.

## **CONFERENCES/WORKSHOPS ATTENDED**

*Blackboard Ultra CITL Spring Cohort.* Center Innovative Teaching & Learning, Blackboard, Spring 2023.

*Managing Online Courses,* Center Innovative Teaching & Learning by Micah Logan and Alicia Pennington, April 24, 2023.

*Environmental Health Nexus,* Center for Disease Control and Prevention, Via Zoom Online Platform, April 18-19, 2023.

*The Impact of RSI, Regular and Substantive Interaction, in Online Classes.* Center Innovative Teaching & Learning via Zoom online platform, Hannah Digges-Elliot, April 12, 2023.

*Get Started with Gradescope* Center Innovative Teaching & Learning via Zoom online platform, , April 14, 2023.

*IPE Challenging Conversations Volunteer, IPE Workgroup,* Western Kentucky University, Bowling Green, KY, April 6, 2023.

*Communications Training,* Center for Disease Control and Prevention, Via Zoom Online Platform, March 29, 2023.

*Certified Safety Professionals (CSP) Workshop,* Via Zoom Online Platform by Carl Heinlein, March 29, 2023.

*Difficult Topics: Managing In Class Discussions,* CITL by Micah Logan and Alicia Pennington, March 6, 2023.

*Searching for the Path from Employer Wellness Programs to Healthier Employees for Small Businesses.* HERO, Via Zoom Platform, February 16, 2023.

*Blackboard Ultra Introduction,* Center for Innovative Teaching & Learning (CITL), Via Zoom Platform, February 13, 2023.

*Institutional Review Board Policies.* University Compliance Officer, Robin Pyles, October 26, 2023.

*Engaging Students in Online Courses.* CITL by Hannah Page, September 28, 2022.

*Not Suitable for Work: Training on Microaggressions in the Workplace.* Catharsis Training Group, Bowling Green, KY, April 15, 2022.

*Total Worker Health Affiliates.* Via Zoom Platform by Chia-Chia Chang, February 10-11, 2022.



*Faculty Helping Students in Distress.* Via Zoom Platform by Karl Laves, Aaron Hughey, Monica Burke, and Jill Sauerheber, November 2, 2021.

*Pilot Research Project.* Via Zoom University of Cincinnati, October 21-22, 2021.

*Providing Effective Student Feedback.* Via Zoom Platform by Alicia Pennington October 21, 2021.

*Becoming More Comfortable with Helping Distressed Students.* Via Zoom Platform by Karl Laves, Peggy Crowe, Katie Knackmuhs, and Masami Matsuyuki, September 23, 2021.

*Title IX Compliance Training.* Via Zoom Platform by Deborah Wilkins, February 26, 2021.

*Suicide Prevention and Awareness Training,* Via Zoom Platform by Dr. Karl Laves, January, 28, 2021.

*Faculty Workshop for Searches,* Via Zoom Platform by Dr. Molly Kirby, Joshua Hayes, Jo Alcott, & Alicia Sherill, November 12, 2020.

*Diversity, Inclusion, and Equity Training.* Via Zoom Platform by Dr. Molly Kirby, November 11, 2020.

*Starting the Conversation: Implicit Bias Training.* Via Zoom Platform by Pastor Palmer, October 5, 2020.

Oregon Health Psychology Summer Institute. *Building a Culture of Health, Safety, and Well-Being.* Via Zoom Online Platform, July 14-16, 2020.

Environmental Health Sciences Zoominar Series, *Bridging Silos: Collaborating for Environmental Health and Justice in Urban Communities.* Via Zoom Online Platform, May 5, 2020.

Microsoft Access Training, Bowling Green, KY, January 24, 2020.

Piktochart Workshop, Bowling Green, KY, November, 2019.

Engaging Students in Tobacco Free Campus, Bowling Green, KY, September 11, 2019.

Visual Analytics Training, Bowling Green, KY, October 2018.

4<sup>th</sup> Annual Roadmap to a Healthy Workplace, Bowling Green, KY, September 2018.

Workers' Compensation Institute, Orlando, FL, August 2018.

Working with the Media, Foundation for a Healthy Kentucky. August, 2018.

Kentucky Public Health Association Conference, Covington, KY, April 2018.

18<sup>th</sup> Annual PRP Symposium, Cincinnati, OH, October 5-6, 2017.

3<sup>rd</sup> Annual Roadmap to a Healthy Workplace, Bowling Green, KY, September 2017.

Office of Sponsored Programs, Workshop for Principal Investigators and Project Directors, Bowling Green, KY, July 26, 2017.

Kentucky Public Health Association Conference, Owensboro, KY, April 2017.

CHHS Research Methods Workshop, Open Access and Predatory Publishing, March 3, 2017.

CHHS Research Methods Workshop, Review: Research Question, Hypothesis and Methodology, February 22, 2017.

Healthy Worksite Wellness Summit, Bowling Green, KY, April 27, 2016.

Kentucky Public Health Association Conference, Owensboro, KY, April 2016.

2015 Howard L. Bost Memorial Health Policy Forum: Building Healthy Places, Bowling Green, KY. September 28, 2015.

Healthy Worksite Wellness Summit, Bowling Green, KY, April, 29, 2015.

Kentucky Public Health Association Conference, Owensboro, KY, April, 2015.

Western Kentucky University Student Research Conference, Bowling Green, KY, March 2013.

Kentucky Public Health Association Conference, Louisville, KY, April 16, 2014.

Western Kentucky University Student Research Conference, Bowling Green, KY, March 2013.

The Art and Science of Health Promotion Conference, Colorado Springs, CO, March, 2014.

Kentucky Public Health Association Conference. Louisville, KY, March, 2013.

Western Kentucky University Student Research Conference, Bowling Green, KY, March 2013.

Kentucky Public Health Association Conference, Louisville, KY. March 29, 2012.

School Nurse Conference, Barren River District Health Department, Bowling Green, KY. July 2011.

## **SERVICE**

### **PROFESSIONAL SERVICE**

- Bowling Green Junior High Youth Services Center Advisory Council, Chair, 2022-23
- Bowling Green Junior High Youth Services Center Advisory Council, Co-Chair, 2020-22
- Bowling Green Junior High Youth Services Center Advisory Council, Member, 2015-2023
- Assisted Barren River District Health Department and the BRIGHT coalition with the development of a survey instrument for Community Needs Assessment, 2021
- Kentucky Public Health Association, Conference Committee Chair, 2012-2020
- Member of the Training the TWH Practitioner Writing Committee that developed TWH competencies, 2018-19
- Committee for the Expansion of Health Links, 2017-18
- Bowling Green Junior High Healthy Activities Day Volunteer, October 25, 2019.
- Barren River Initiative to Get Healthy Together (BRIGHT) Coalition, 2013-2018
- Kentucky 4-H Dollars and Sense Volunteer, 2012-2018
- BRIGHT Worksite Stakeholder Group Healthy Worksite Summit Planning Committee, 2014-2018
- Taught courses on Conflict Resolution to Bowling Green Independent School students, 2016
- Community Action of Southern KY Poverty Simulation Participant, 2015
- BRIGHT School Health Stakeholder Group, 2012-2014
- Speaker at the Nurse's Health Conference, 2013
- WKU's Focus on Western Public Health Representative, 2012

### **UNIVERSITY SERVICE**

- Department of Public Health representative on the Advisory Committee on Faculty Continuance, Tenure, and Promotion and the Ad Hoc Committee on Continuance, Tenure, and Promotion, 2023
- Organized Student Engagement Workshop on Tobacco Free Campus, September 11, 2019
- American Gerontology Society, Age Friendly University Designation, 2019-2021

- University Comprehensive Academic Program Evaluation (CAPE) Committee, 2019
- Assisted with organizing WKU Kick Butts Day, March, 2018
- WKU Blood Drive Committee, 2013-2018
- *Healthy Days* Volunteer, 2012-2014
- Director of *WKU's Weight of the Nation*, 2013

### **CHHS SERVICE**

- Institute for Rural Health Institute Advisory Board, 2023-present
- CHHS Awards and Sabbatical Committee, 2022-present
- Co-Director, Center for Environmental and Workplace Health (CEWH), 2021-present
- Interdisciplinary/Interprofessional Education Workgroup, 2020-present
- CHHS Research Committee, 2018-present
- Core Faculty in the Center for Environmental and Workplace Health (CEWH)
- Affiliate member of the Center for Applied Science in Health and Aging (CASHA)
- Challenging Conversations Planning Committee, 2023
- Department of Physical Therapy Tenure and Promotion Committee, 2019
- University Comprehensive Academic Program Evaluation (CAPE) Committee, 2019
- College of Health and Human Services Awards Committee, 2012-2017

### **DEPARTMENT SERVICE**

- Department of Public Health Mentorship Committee, Facilitator, 2018-Present
- EOHS Advisory Board Committee, 2018-Present
- Environmental and Occupational Safety and Health Consultancy, 2021-Present
- EHAC Accreditation Committee for MS degree (2018) and BS degree (2022)
- DPH Representative at WKU Majors/Minors Fair, September 5, 2023
- Department of Public Health Assessment Committee, 2019-2021
- WKU Kentucky Public Health Association Student Chapter Faculty Co-Sponsor, 2012-2021
- WKU Department of Public Health MPH/BSPH Committee, 2016-2021
- WKU Department of Public Health MPH Curriculum Committee, 2016-2021
- BSPH/MPH Departmental Comprehensive Academic Program Evaluation (CAPE) Committee, 2019
- WKU Department of Public Health MPH Generalist Committee, 2015-2017
- WKU Department of Public Health Practical Experience Committee, 2012-2016

- WKU Department of Public Health Culminating Experience Committee, 2012-2016
- Exhibitor at The Art & Science Health Promotion Conference, Colorado Springs, Colorado, 2014
- WKU Department of Public Health Liaison to Barren River District Health Department, 2012-13

Curriculum Development:

- Development of a new EOHS graduate course on TWH and Worker Well Being
- Revised PH 402 to ENV 402 with emphasis on alignment with Total Worker Health
- Redesigned PH 575 to meet Quality Improvement Agreement
- Developed On Demand courses for EOHS 503 Health Assessments in the Workplace, 2018
- Developed graduate introductory course for the Environmental and Occupational Health and Safety MS, 2018
- Developed graduate Worksite Assessment course, 2016
- Developed On Demand courses for PH 587 Health Behavior and PH 486 Sexuality Education

Search Committees:

- BSPH Instructor Search, Committee Chair, 2022
- BSPH Instructor Search, 2021
- Environmental and Occupational Health Science Assistant Professor, 2020
- Public Health Visiting Assistant Professor, 2018
- Public Health Environmental Health Faculty Position, 2017 - 2018
- Healthcare Administration Faculty Position, 2016 - 2017
- Public Health Environmental Health Faculty Position, 2013 - 2015
- Healthcare Administration Faculty Position, 2014 - 2015

**PROFESSIONAL MEMBERSHIPS**

Society for Total Worker Health, 2022-Present  
Kentucky Public Health Association, 2011-2021  
American Public Health Association, 2012-2014  
Association for Prevention Teaching and Research, 2013-2014  
American College of Sports Medicine, 2003-04