

CONTACT



Hollier.sands@lfchd.org



(859) 489-1810



2136 St. Michael Drive
Lexington, KY 40502

SKILLS

	Novice	Expert
MS Windows		
Microsoft Office (Outlook, Word, Excel, PowerPoint, Publisher)		
Infectious Disease Surveillance		
Infectious Disease Investigation		
Oral Communication		
Written Communication		
SAS		
SPSS		
ArcGIS		
REDCap		
Tableau		
Survey Development		
Problem Identification		
Program Evaluation		
Public Speaking		
Critical Thinking		
Grant Writing		
Customer Service		
Partner Networking		
Goal-Oriented Team Leader		
Professionalism		

HOBBIES/INTERESTS

Landscaping/Gardening
Competitive Powerlifting
International Cuisine

HOLLIE SANDS

Epidemiologist

Highly energetic and dedicated leader with extensive experience in research methodologies, data analyses, geospatial analyses, and results dissemination; grant management; community engagement; and program evaluation.

PERSONAL INFORMATION

Epidemiologist with 10+ years of experience, specializing in geospatial analysis, statewide reporting, and public outreach. Professional, creative, and flexible with proven analytical skills. Ability to manage multiple roles while ensuring timely completion of project deadlines.

EDUCATION

- 2005-2008** Doctoral Studies, Graduate Center for Gerontology
University of Kentucky
- 2003-2005** Masters of Public Health
The Ohio State University
- 1995-2001** Bachelors of Science, Health Sciences
The University of Findlay

WORK EXPERIENCE

- 2019-2023** **Lexington Fayette County Health Department**
Epidemiology Coordinator
Central contributor to the COVID-19 response, leading investigation and data reporting efforts while also evaluating and supervising team in other reportable disease investigations.
- 2017-2019** **Sandsingers, LLC**
President/CEO/Owner
Built thriving retail store in Stanton, KY from ground up. Focus on bringing quality products at discount prices to Appalachian communities with attention to detail and customer service.
- 2009-2017** **Commonwealth of Kentucky**
Epidemiologist
Maintained large datasets, sustained 100% data reporting from over 800 sites annually, and diligently presented timely results.

Hollie R. Sands, MPH

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CAREER OBJECTIVE

Seek a career in an environment that will challenge me further; while allowing me to contribute to the continued growth and success of the organization, in order to make an impact in the lives of all Kentuckians.

PROFESSIONAL SUMMARY

Epidemiologist and project coordinator with 15+ years offering extensive analytical experience, robust networking skills, effective interviewing skills, excellent customer service, and a strong liaison among multiple stakeholders for successful project completion. A self-driven, detailed oriented individual with initiative and passion for project achievement. Proficient with multiple programs including Microsoft Office, SAS, SPSS, ArcGIS, RedCAP, Qualtrics, ATLAS.ti, and HTML.

PROFESSIONAL EXPERIENCE

2019-Present

Lexington Fayette County Health Department

Epidemiology Coordinator

- Serve Fayette County as the Regional Epidemiologist
 - Serve on the Preparedness Workgroup to evaluate and update the State of Kentucky Medical Countermeasures plan and the Kentucky Department for Public Health's Disease Outbreak Support Plan as part of the Emergency Support Function (ESF) 8
 - Serve as liaison to local infectious disease preventionists and KDPH, disseminating information and providing guidance
- Evaluate and supervise infectious disease staff and COVID-19 contracted employee workload responsibilities, ensuring investigations are completed in a timely manner
 - Provide clarification for project/job responsibilities and will reach out to Infectious Disease and Preparedness Manager as necessary
 - Consistently check in with team members to determine if further resources are required, assist with prioritization of workflow, and delegate tasks to other team members as needed
 - Work closely with COVID-19 Operational Team Lead to provide instruction and guidance for investigation completeness and data cleaning
 - Ensure work is completed satisfactorily
- REDCap Developer
 - Create dynamic projects to enhance programmatic output
 - COVID-19 Case Investigation Tool
 - Reportable Disease Tracker
 - Linkage Navigator Case Management
 - Committee project support including: Safety, Garden Team, Employee Health
 - Collaborate with DPH to advise in large statewide projects
 - Measles outbreak, Perinatal Hepatitis B Case Management
- Coordinate reportable disease investigations
 - Coordinate timely COVID-19 case reporting in NEDSS
 - Data analyses of multiple data sets to support health department functions
 - Collaborate with infectious disease and prevention staff area hospitals for medical and laboratory information to support reportable disease investigations
 - Disseminate medical alerts and other correspondence from CDC and DPH to area providers
 - Serve as liaison between DPH and LFCHD, troubleshooting eLR NEDSS inquiries and other specific reportable disease investigation questions

- Coordinate the submission of reportable disease investigations to DPH
- IRB Chair
- Participate in Infectious Disease departmental budget meetings
 - Secure quotes for programs
 - Submit purchase requests as needed

2017-2019

Sandsingers, LLC, Stanton, KY

CEO, Owner

- Managed daily operations of small discount homeware store
 - Inventory management
 - Quality control of products and placement
 - Created and executed weekly marketing campaigns via social media
 - Managed vendor accounts
 - Identified viable purchasing opportunities
 - Maintained monthly budget and P&Ls
- Ensure staff provides 5-star customer service
- Supervised five employees
 - Provided daily task lists
 - Provided training for customer service relations
 - Provided direction with errors
 - Processed timesheets and cut paychecks
- Develop promotional materials and marketing plan
- Created and maintain social media
- Collaborate with tourism council of Stanton to promote community activities

2012-2017

Kentucky Immunization & TB Program, DPH, CHFS, Commonwealth of Kentucky, Frankfort, KY

Epidemiologist III (Reclassified from Epidemiologist II on May 1, 2015)

- Coordinate the distribution, collection, analyses, and reporting of the Annual School Immunization Survey (902 KAR 2:055); age-specific antigen data for children in childcare, kindergarten, and sixth grades
 - Created subsequent instructional materials for data collection methodology for the Annual School Immunization Survey
 - Developed web-based tutorial for valid data collection practices of the Annual School Immunization Survey
- Submission and recipient of full funding of a supplemental Prevention and Public Health Fund evaluation grant, \$55,000
- Weekly Influenza Surveillance data analyst
 - Prepared weekly influenza reports
- Collaborated with Division Chief to draft, revise, submitted, and testified for revisions to 902 KAR 2:060 requiring students to receive two doses of Hepatitis A for school entry
- Created EPID-230 Commonwealth of Kentucky Certificate of Immunization Status
- Created EPID-230A Commonwealth of Kentucky Parent or Guardian's Declination on Religious Grounds to Required Immunizations
- Prepared, cleaned, entered and submitted TB data into NEDSS, 100% variable collection
- Officially "counted" TB cases
- Analyzed TB genotypes to identify possible clusters to be investigated
- Point of contact for local health department TB data collection
- Assisted with TB grant proposals
- Served as a senior epidemiologist on call after hours
 - Served as point of contact for investigations after hours, including two possible necrotizing fasciitis cases
- Assisted at the DOC with epidemiological outbreak investigations including multistate fungal meningitis, possible rabies exposure from bats, salmonella from cantaloupe

- Collected and cleaned field data as part of the Community Assessment for Public Health Emergency Response (CASPER) following the tornadoes in Laurel, Magoffin, and Johnson counties
- Prepare monthly grant recipient reports
- Editorial review panelist for scholarly HIV reports
- Editorial board member for EpiNotes, a DPH publication
- 2013-2017 Served on the Kentucky Governor's Alzheimer's Disease and Related Disorders Council as a Medical Research Advisor

2009-2012

Office of Vital Statistics, DPH, CHFS, Commonwealth of Kentucky, Frankfort, KY

Epidemiologist I

- Utilize Business Objects, Excel, and SPSS to analyze birth, death, marriage, divorce, and ITOP data as requested by national health organizations, academic institutions, local health departments, DPH epidemiologists or Department heads, and private inquiries
- Fulfill research, public, and legislative data requests utilizing all epidemiological functions
- Collaborate with other branches to provide vital statistics as part of annual reports (*Example: KY HIV/AIDS Semi-Annual Report, December 2009*)
- Surveillance of death data for clusters or unusual events (specifically fall-related deaths from unspecified, unintentional event X59)
- Cleaned all databases from 2005-2009 (over 650,000 entries) from errors, duplicates, or unknown fields
- Developing annual vital statistics reports which are used by multiple entities to support writing grants, program development, and community interventions
- Submission of reports to NCHS and CDC in providing accurate vital statistics utilizing KY birth, death, marriage, divorce, and ITOP data
- Drafted DPH data release policy for small numbers
- Collaborated with CHFS IRB

2005-2008

Graduate Center for Gerontology, University of Kentucky, Lexington, KY

Senior KERI Coordinator, Graduate Research Assistant, Doctoral Student

- Organized and choreographed the planning and implementation of tasks between multiple groups to accomplish the structured goals and objectives of each phase of the program
- Supervised multiple PhD graduate students
- Assisted PI with IRB submissions
- Performed epidemiological research functions for data analyses and report preparation/dissemination
- Assisted with the development, distribution, and data analyses of a statewide survey
- Prepared regional and community specific reports, graphs, tables, and maps from socioeconomic, health and Census Data
- Moderated a series of regional community forums and focus groups
- Presented posters and abstracts at national, regional, and state scientific conferences
- Co-instructor of a 300-level course, *Gerontology Across the Lifespan*

2004-2005

Office of Geriatrics and Gerontology, The Ohio State University, Columbus, OH

Graduate Assistant

- Contributed to the development of online education modules for SAGE (Series in Applied Gerontology Education)
- Developed innovative program options for residents in an aging housing facility
- Generated network database of aging service providers in Ohio

2004-2004

Department of Rural Health, Ohio Department of Health, Columbus, OH

Student Intern

- Supported director with grant writing to secure funds for rural health programs
- Evaluated rural county economic development and health care infrastructure through a qualitative survey
- Answered calls for infectious disease emergency hotline during a public health outbreak

EDUCATION

- Doctoral Studies, Graduate Center for Gerontology, University of Kentucky, Lexington, KY, 2005-2008
- MPH, Health Behavior and Health Promotion, Graduate Interdisciplinary Specialization in Aging, The Ohio State University, Columbus, OH, 2005
- BS, Health Sciences, The University of Findlay, Findlay, OH, 2001

PUBLICATIONS / PROFESSIONAL PRESENTATIONS

Sands, H.R., Wilkerson, C., Kennedy, G., Adams, K. (2023). Building and Implementing REDCap for Health Department Use: Training Session for Beginners. Oral presentation at the Kentucky Public Health Association Conference, Bowling Green, KY.

Anderson, E.B., Brawley, R.L., Lasley, M., Willard, R., **Sands, H.R.**, & Ballard, J. (2018). Confirmed and "Suspected" Cases of Tuberculosis in Kentucky: A Four Year Trend. Poster presentation at Breaking through the Barriers to Achieve TB Elimination ETN/PEN Conference, Decatur, GA.

Anderson, E.B., Brawley, R.L., Lasley, M., Willard, R., **Sands, H.R.**, & Ballard, J. (2017). Confirmed and "Suspected" Cases of Tuberculosis in Kentucky: A Four Year Trend. Poster presentation at Rural Health Association Annual Meeting, Bowling Green, KY.

Sands, H.R. and Brawley, R.L. (2017). Supplemental Report, 2015-2106: Public and Private School Profiles, by County, for Immunization Coverage Among Children Attending Kindergarten or Sixth Grade, by Selected Vaccines and Doses. Kentucky Department for Public Health, Immunization Program, pp 1-91.

Sands, H.R. and Brawley, R.L. (2016). Kentucky Annual School Immunization Survey 2014-2015: Supplemental Report for Public and Private Schools by County. Kentucky Department for Public Health, Immunization Program, pp 1-83.

Sands, H.R. and Brawley, R.L. (2016). Kentucky Annual School Immunization Survey 2014-2015. Kentucky Department for Public Health, Immunization Program, pp 1-216.

Sands, H.R., Jones, M. & Brawley, R.L. (2016). Annual School Immunization Survey. Presentation at KDE School Nurse Conference, Lexington, KY.

Sands, H.R. and Brawley, R.L. (2015). Kentucky Annual School Immunization Survey 2013-2014. Kentucky Department for Public Health, Immunization Program, pp 1-162.

Sands, H.R., Jones, M. & Brawley, R.L. (2015). School Immunizations and Annual School Immunization Survey Results. Presentation at KDE School Nurse Conference, Lexington, KY.

Sands, H.R., Hubbard, V., Brawley, R.L., Sanders, K. & Miracle, J. (2015). Perinatal Hepatitis C Surveillance in Kentucky, 2014. Poster presentation at Kentucky Public Health Association Annual Conference, Owensboro, KY.

Sands, H.R., Jones, M. & Brawley, R.L. (2014) School Immunizations and Annual School Immunization Survey Results. Presentation at KDE School Nurse Conference, Lexington, KY.

Sands, H.R., Hubbard, V., Brawley, R.L., Sanders, K. & Miracle, J. (2014). Perinatal Hepatitis C Surveillance in Kentucky, 2014. Presentation at Council for State and Territorial Epidemiologists Annual Conference, Boston, MA.

Wyatt, S., **Sands, H.R.**, Maynard, W.R., & Humbaugh, K. (2012). All Cancers Age-Adjusted Mortality Rate Surpasses Diseases of the Heart, *Journal of Cancer*, 107(1), 19-23.

Rowles, G.D. & **Sands, H.R.** (2008). Preparing states for an aging America: The Kentucky Elder Readiness Initiative as an educational model. Paper presented at the 34th Annual Meeting of the Association for Gerontology in Higher Education, Baltimore, MD

Rowles, G.D. & **Sands, H.R.** (2008). University-community partnerships in responding to an aging society: The Kentucky Elder Readiness Initiative (KERI) as an educational model. Presented at the 29th Annual Meeting of the Southern Gerontological Society, Atlanta, GA.

Rowles, G.D. & **Sands, H.R.** (2008). Who are tomorrow's assisted living community clients? Insights from KERI. Plenary address to Kentucky Assisted Living Facilities Association Annual Conference and Exposition, Bowling Green, KY.

Rowles, G.D., **Sands, H.R.** & Vorsky, F.B. (2008). Kentucky Elder Readiness Initiative: Implications for Volunteering. Presentation to Kentucky Hospital Association Auxiliaries and Volunteers Annual Conference, Louisville, KY.

Rowles, G.D., Cooper, W. & **Sands, H.R.** (2008). Aging of the Baby Boomers: Perspectives from the Kentucky Elder Readiness Initiative (KERI). Presented to 33rd Annual National Association of Area Agencies on Aging Conference and Trade Show, Nashville, TN.

Rowles, G.D. & **Sands, H.R.** (2008). Preparing for the aging of the Baby Boom Generation: Kentucky's Elder Readiness Initiative (KERI), Presentation to Southeastern Association of Area Agencies on Aging & Mississippi Aging Network, Annual Conference, Biloxi, MS.

Rowles, G.D. & **Sands, H.R.** (2007). Volunteering: Findings from the Kentucky Elder Readiness Initiative. Presentation to Kentucky Society for Directors of Volunteer Services, Louisville, KY.

Sands, H.R. & Rowles, G.D. (2007). Community denial and aging of the baby Boom cohort: Findings from the Kentucky Elder Readiness Initiative (KERI). Poster presented to the 60th Annual Scientific Meeting of the Gerontological Society of America, San Francisco, CA.

Rowles, G.D. & **Sands, H.R.** (2007). Kentucky Elder readiness Initiative: A Survey of Commonwealth Residents, 16 Separate 10 page reports summarizing and illustrating findings from the Kentucky Elder Readiness Initiative:

August 7, KERI: Preliminary Findings for Buffalo Trace Area Development District

August 9, KERI: Preliminary Findings for Bluegrass Area Development District

August 15, KERI: Preliminary Findings for Lincoln Trail Area Development District

August 16, KERI: Preliminary Findings for Green River Area Development District

August 20, KERI: Preliminary Findings for FIVCO Area Development District

August 23, KERI: Preliminary Findings for KIPDA Area Development District

September 10, KERI: Preliminary Findings for Cumberland Valley Area Development District

September 11, KERI: Preliminary Findings for Kentucky River Area Development District 17

September 20, KERI: Preliminary Findings for Big Sandy Area Development District

September 25, KERI: Preliminary Findings for Gateway Area Development District

September 27, KERI: Preliminary Findings for Northern Kentucky Area Development District

October 1, KERI: Preliminary Findings for Purchase Area Development District

October 2, KERI: Preliminary Findings for Pennyryle Area Development District

October 10, KERI: Preliminary Findings for Lake Cumberland Area Development District

October 22, KERI: Preliminary Findings for Barren River Area Development District

November 1, KERI: Preliminary Statewide Findings

PROFESSIONAL REFERENCES

Stephanie Garrett, BSN, RN, Operations Lead, Fayette County Regional Coordination Team,
Lexington, KY (336) 782-7299

Ekaette Joseph-Isang, MD, MPH, Provider Liaison, Anthem, Lexington, KY (770) 572-1066

Mandy Watson, RN, Estill County Health Department, Irvine, KY (606) 569-7151

Douglas Thoroughman, PhD, MS, CAP, USPHS, CDC Career Epidemiology Field Officer,
KYDPH, Frankfort, KY (502) 564-3418 x 4315

PERSONAL REFERENCES

Sonya King, 859-585-0523

Debra Buettner, 772-538-3904