

CURRICULUM VITAE

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EDUCATION

The University of Arizona, College of Agriculture and Life Sciences, Department of Soil and Water Science, PhD, 1995. Dissertation title: *Detection of Enteroviruses in Marine Waters Using RT-PCR*. Advisors: Charles P. Gerba and Ian L. Pepper. Major Field: Environmental Microbiology

The University of South Florida, Department of Environmental and Occupational Health, MSPH, 1992. Thesis title: *Evaluation of Methods for the Recovery and Quantitation of Bacteriophage from Marine Waters and Sediment*. Advisor: Joan B. Rose. Major Field: Environmental Microbiology

The University of Arizona, College of Arts and Sciences, BS, 1989. Major Field: Microbiology

EMPLOYMENT

Professor, Community, Environment and Policy, Mel and Enid Zuckerman College of Public Health, The University of Arizona, 2018-present

Department Chair, Community, Environment and Policy, Mel and Enid Zuckerman College of Public Health, The University of Arizona, 2018-present

Associate Professor (Tenured), Community, Environment and Policy, Mel and Enid Zuckerman College of Public Health, The University of Arizona, 2012-2018

Associate Professor, Joint Appointment, Department of Soil, Water and Environmental Science, College of Agriculture and Life Sciences, The University of Arizona, 2006-present

Associate Professor, Community, Environment and Policy, Mel and Enid Zuckerman College of Public Health, The University of Arizona, 2006-2012

Assistant Research Scientist/Appointed Faculty, Department of Soil, Water and Environmental Science, Environmental Research Laboratory, College of Agriculture and Life Sciences, The University of Arizona, 1995-2006

Post Doctoral Fellow/Teaching Assistant, Department of Soil and Water Science, College of Agriculture and Life Sciences, The University of Arizona, 1995

Research Fellow, Department of Soil and Water Science, College of Agriculture and Life Sciences, The University of Arizona, 1992-1994

Research Assistant, Department of Environmental and Occupational Health, College of Public Health, The University of South Florida, 1989-1991

Research Technician, Department of Microbiology and Immunology, College of Agriculture and Life Sciences, The University of Arizona, 1987-1989

HONORS AND AWARDS

Delta Omega, Alpha Nu chapter, Honorary Society, Faculty Member, 2019

Research featured on Chemistry Views, Wiley-VCH's chemistry portal. Noteworthy: Direct Pathogen Monitoring. March 12, 2018.

Research featured in the Association of Schools and Programs of Public Health, Friday Letters-Member research and reports. Arizona: Use of a Portable Air Disinfecting System to Remove Seeded Coliphage in Hospital Rooms. April 13, 2016.

Mel & Enid Zuckerman College of Public Health, Excellence in Research Award, 2015

Who's Who in Infection Prevention. One of 37 recognized as an outstanding individual working hard to advance the infection prevention and control agenda, as nominated by Infection Control Today readers, 2014

Nominated for the University of Arizona's 1885 Society Distinguished Scholar Award, 2013

Judges Choice Award for best linkage of scientific research to issues of concern within the community. Valdez, M.K. J.D. Sexton, **K.A. Reynolds**. Transfer and control of infectious microbes in emergency vehicles. Environmental Research Grad Blitz. Tucson, AZ, November 2012

Nominated for the Mel & Enid Zuckerman College of Public Health Annual Award for Outstanding Contribution in the Area of Research. Ranked in top 3 of 58 faculty, 2011

Tucson Fire Department's Award of Service, 2010

William B. Fritzsche Memorial 2009 Top 50 International Award, for service and dedication to the water treatment industry.

Water Quality Association, Honorary Lifetime Member Award, 2009. In recognition of exceptional service given to the water quality improvement industry.

Water Conditioning and Purification International's Award of Appreciation for the most requested article reprints in journal history, 2008-2009

Water Conditioning and Purification International's Award of Appreciation to honor service and commitment to the Technical Review Committee, 2008-2009

UA-NASA Space Grant Award, 2007-2008

ASUA Enrichment Grant Award, 2007-2008

First place Poster Award, Public Health Graduate and Professional Student Council Showcase, 2007; Student advised: Jonathan Sexton

Academic Who's Who in Health Sciences Higher Education, 2007

Presentation voted "best of show". Invited speaker, *The Hazards of Indoor Mold*. 29th Annual Water Quality Association Conference. Las Vegas, NV. March 18-22, 2003

Travel Grant from WQA. Annual Convention and Symposium. Las Vegas, NV, 2003

Travel Grant from NSF. HPC Bacteria in Drinking Water. Geneva, Switzerland Symposium, 2002

Appointed member of the NSF/WHO Heterotrophic Plate Count Bacteria (HPC) Conference Steering Committee by the Water Quality Association Technical Board, 2000-2002

Foreign Travel Grant Award for faculty, 1996

American Society for Microbiology Sustaining Member Student Travel Grant, 1995

Travel Stipend from The Women in Science and Engineering Office, 1995

The United States Department of Agriculture National Needs Fellowship, 1992-1995

The University of Arizona Academic Achievement Scholarship Award, 1992-1995

SERVICE/OUTREACH

Media

Research has been featured in over 500 unique local, national and international television, print and web outlets including: Television/Radio: Fox News “Neil Cavuto News Hour”, The Today Show, PBS News Hour, EXTRA!, Inside Edition, CBS News, NPR “All Things Considered”, CNN, Chicago NBC 5, Phoenix KPHO News 5, CBS 5 News Phoenix, ABC 15 KNXV-TV Phoenix, KVOA 4 Tucson, Arizona Illustrated, The Office; Magazines: Redbook, InStyle, Dr. Oz, Ladies Home Journal, Women’s Day, Real Simple, Good Housekeeping, House Beautiful, Parade, Reader’s Digest, Parents, Health, Prevention, Self, Shape, Fitness, Men’s Health, Forbes, Conde Nast, American Baby, Consumer Reports, Essence, Cooking Light, Quick and Simple, Working Mother, Best Life, Bottom Line Health, All You, Arthritis Today, Walmart World, Life Science Weekly, Wall Street Journal, NY Times, NY Daily News, NY Business News, NY Daily Gazette, Charleston Gazette, Make it Better, Arizona Daily Star, Glow; Webcasts: BuzzFeed, Huffington Post, Yahoo! Health, Oprah.com, MSN.com, AARPonline, Consumer Affairs, MailOnline (UK), 774 ABC Melbourne, WeightWatchers.com, American Society for Microbiology’s Microbe World, Bronx New Moms, Grandparents.com, Bob Villa’s Healthy Home, Medical Observer, Mommymcast.com and others.

2015-2020

1. Better Homes& Gardens. Travel and germs. July 2020
2. United Press International. Use of facemasks in COVID-19 pandemic. Brian Dunleavy April 7, 2020 interview
3. FOX 10 News. Phoenix. Long term care facilities and coronavirus. April 16, 2020
4. WJFW Newswatch 12 radio. Reusable cloth toilet paper. Wisconsin. April 14, 2020
5. KGUN 9 News TV. Training collaboration with MEZCOPH and TFD. Tucson. April 13, 2020
6. KTRS St. Louis Radio. The Art and Jennifer show. Why we shouldn’t be wearing gloves. April 16, 2020
7. The KGO 810 radio with Michael Finney. Why you shouldn’t wear gloves. <https://omny.fm/shows/kgo-810/april-11-2020-why-you-shouldn-t-wear-gloves>. April 11, 2020
8. USA Today. At least 2,300 nursing homes have coronavirus cases- and the reality is likely much worse. <https://www.usatoday.com/story/news/2020/04/13/coronavirus-nursing-homes-2-300-facilities-report-positive-cases/2978662001/>. April 13, 2020
9. Huffington Post. Can you wash and reuse disposable gloves? https://www.huffpost.com/entry/disposable-gloves-washed-reused_1_5e8df7a7c5b61ada15c121ab. April 8, 2020
10. The Arizona Republic. The great mask debate: should we all be wearing them to prevent coronavirus? <https://www.msn.com/en-us/news/us/the-great-mask-debate-should-we-all-be-wearing-them-to-prevent-coronavirus/ar-BB11ZiOz>. April 5, 2020
11. Insider. How long do flu germs survive on hard surfaces, fabric, and skin? <https://www.insider.com/how-long-do-flu-germs-live>. April 3, 2020

12. UA Now. Changes to hospital policies, public behavior critical for fighting COVID-19. https://uanews.arizona.edu/story/changes-hospital-policies-public-behavior-critical-fighting-covid19?utm_source=uanow&utm_medium=email&utm_campaign=March March 31, 2020.
13. AZ Central. Nursing homes are coronavirus risks. In Arizona, about half have been cited for past infection control issues. <https://www.azcentral.com/story/news/local/arizona-health/2020/03/25/coronavirus-threat-arizona-nursing-homes-many-infection-control-issues/2877128001/>. March 27, 2020
14. Men's Health. You shouldn't be wearing gloves to go grocery shopping. <https://www.menshealth.com/health/a31996093/gloves-grocery-shopping/>. March 31, 2020
15. Engadget. Health experts explain how we should be cleaning our gadgets. <https://www.engadget.com/2020-03-17-how-to-properly-clean-your-gadgets.html>. March 17, 2020
16. This is Tucson. Can DIY face masks help Tucson medical professionals during the COVID-19 pandemic? Everything you need to know. https://thisistucson.com/tucsonlife/can-diy-face-masks-help-tucson-medical-professionals-during-the/article_36ed69a8-6ebf-11ea-afd6-678036851fab.html. March 26, 2020
17. NBC Better. March 2020
18. Men's Health. How gross is your.... March 2020
19. College of Public Health Serving on Front Lines of COVID-19 Response. <https://healthsciences.arizona.edu/connect/features/college-public-health-serving-front-lines-covid-19-response> March 20, 2020
20. Express (UK) Hand luggage: Flights now permitting over 100 milliliters of this liquid onboard due to coronavirus. <https://www.express.co.uk/travel/articles/1256109/coronavirus-flights-hand-luggage-sanitizer-tsa-sanitiser-carry-on-baggage> March 16, 20
21. USA Today. The Internet discovered reusable toilet paper. What you should know about it, according to a germ expert. <https://www.usatoday.com/story/news/nation-now/2018/03/15/reusable-toilet-paper-why-one-germ-expert-draws-line-bathroom-cloths/430055002/> March 15, 2020
22. The Telegraph (UK) The germiest places in the gym. <https://www.thetelegraph.com/news/article/The-germiest-places-in-the-gym-15125092.php> March 12, 2020
23. Men's Health. The germiest places in the gym. <https://www.menshealth.com/health/a31354744/gym-germs-bacteria-viruses/> March 11, 2020
24. VICE. Does working in an open-plan office affect your health? https://www.vice.com/en_us/article/ev8ae7/does-working-in-an-open-plan-office-affect-your-health March 11, 2020
25. Prevention. 10 germ-infested areas you touch every day, according to experts. <https://www.prevention.com/health/a31282500/top-germ-locations/> March 9, 2020
26. The Points Guy. How to ward off coronavirus in your hotel room. <https://thepointsguy.co.uk/news/how-to-ward-off-coronavirus-in-your-hotel-room/> March 3, 2020
27. The Points Guy. How to thoroughly disinfect your airplane seat. <https://thepointsguy.com/guide/sanitize-airplane-seat/>. February 22, 2020.

28. The New York Times. FDA warning to Purell regarding hand sanitizer claims. (Sheila Kaplan). January 28, 2020
29. AARP. Travel germs. February 2020
30. Health Magazine. The secret life of germs. January, 2020
31. VICE. How gross is it if I don't always wash my sex toys right away?
https://www.vice.com/en_us/article/ywaayy/how-often-should-you-clean-your-sex-toys
December 10, 2019
32. Ladders.com. New research reveals the shocking number of germs living on your desk at all times. <https://www.theladders.com/career-advice/new-research-reveals-the-shocking-number-of-germs-living-on-your-desk-at-all-times>. December 10, 2019
33. HGTV Magazine. Cleaning up a sink. November, 2019
34. The Star Democrat. Dishwasher or hand-wash?
https://www.stardem.com/life/advice/everyday_cheap skate/dishwasher-or-hand-wash/article_d1cc6be7-e1ab-5c18-ab9e-75064ee65c8f.html October 10, 2019
35. Australian Institute of Food Safety. New low-cost method for detecting norovirus.
<https://www.foodsafety.com.au/news/new-low-cost-method-detecting-norovirus>
September 28, 2019
36. Women's Health. Do you have to wash gym clothes after every workout?
<https://www.womenshealthmag.com/fitness/a28786605/how-often-wash-gym-clothes/>
September 27, 2019
37. Brisbane Times. Life's lonely for those laid low with an illness that has no name.
https://www.brisbanetimes.com.au/lifestyle/health-and-wellness/life-s-lonely-for-those-laid-low-with-an-illness-that-has-no-name-20190926-p52v8i.html?ref=rss&utm_medium=rss&utm_source=rss_feed September 26, 2019
38. The Age. Life's lonely for those laid low with an illness that has no name.
<https://www.theage.com.au/lifestyle/health-and-wellness/life-s-lonely-for-those-laid-low-with-an-illness-that-has-no-name-20190926-p52v8i.html> September 26, 2019
39. Good to Know/UK. Why sharing headphones is a really bad idea.
<https://www.goodtoknow.co.uk/wellbeing/health/sharing-headphones-bad-idea-513238>
September 20, 2019
40. Healthline. Even 'safe' tap water can have cancer-causing contamination.
<https://www.healthline.com/health-news/what-is-in-your-tap-water> September 19, 2019
41. MDLinx. Cool new diagnostic devices all doctors should know about.
<https://www.mdlinx.com/internal-medicine/article/4493> September 19, 2019
42. Outbreak News Today. UA researchers developing new, inexpensive method to detect norovirus. <http://outbreaknewstoday.com/norovirus-in-the-news-ireland-australia-and-the-university-of-alabama-in-huntsville-31886/> September 19, 2019
43. Quality Assurance and Food Safety. UA researchers developing new, inexpensive method to detect norovirus. <https://www.qualityassurancemag.com/article/ua-researchers-norovirus-detection/> September 17, 2019
44. Arizona Daily Star. UA researchers create smartphone microscope to test for virus in water. https://tucson.com/news/local/ua-researchers-create-smartphone-microscope-to-test-for-virus-in/article_b445205a-6dbe-54ee-a8f5-6e6285bfb811.html September 16, 2019
45. Inside Tucson Business. Tech talk: Autonomous trucks and virus detection.
https://www.insidetucsonbusiness.com/news/tech-talk-autonomous-trucks-and-virus-detection/article_5884c74c-d59e-11e9-a346-9f72adb053d2.html September 13, 2019

46. Food Safety News. Researchers develop method to detect low levels of norovirus. <https://www.foodsafetynews.com/2019/09/researchers-develop-method-to-detect-low-levels-of-norovirus/>. September 13, 2019
47. Bio5 Institute News. Can a smartphone stop a norovirus outbreak? <https://mailchi.mp/bio5/bio5-institute-news-olqlybmmrs-1147799?e=7291093bbc>. September 13, 2019
48. Hackaday. Norovirus smartphone: using megapixels and microfluidics to fight the other kind of virus infection. <https://hackaday.com/2019/09/10/norovirus-smartphone-using-megapixels-and-microfluidics-to-fight-the-other-kind-of-virus-infection/>. September 10, 2019
49. Medical News Today. Using a smartphone to detect a highly contagious virus. <https://www.medicalnewstoday.com/articles/326245.php>. September 4, 2019
50. Forbes. Is norovirus in the water? Can a smartphone help? <https://www.forbes.com/sites/brucelee/2019/09/01/is-norovirus-in-the-water-can-a-smartphone-test-help/#5a7e19fa6abe>. September 1, 2019
51. Biospace. Research roundup: IDing norovirus using a smartphone app. <https://www.biospace.com/article/research-roundup-iding-norovirus-using-a-smartphone-app-and-more/>. August 30, 2019
52. Futurity. Phone and paper detect norovirus with tiny beads. <https://www.futurity.org/detect-norovirus-smartphone-2147742-2/>. August 30, 2019
53. Interlochen Public Radio. A speedy test for norovirus could help water supplies check for contamination. <https://www.interlochenpublicradio.org/post/speedy-test-norovirus-could-help-water-supplies-check-contamination>. August 30, 2019.
54. KVOA Tucson News. UA researchers use smartphone to detect noroviruses. <https://kvoa.com/news/local-news/2019/08/30/ua-researchers-use-smartphone-to-detect-norovirus/>. August 30, 2019
55. Texas Public Radio. <https://www.tpr.org/post/speedy-test-norovirus-could-help-water-supplies-check-contamination>. August 30, 2019
56. Woman & Home. The shocking reason one in 10 people take their own sheets to hotel rooms. <https://www.womanandhome.com/health-and-wellbeing/health-wellbeing-news/taking-extra-hotel-rooms-330948/>. August 30, 2019
57. Physics World. Smartphone-based device detects norovirus. <https://www.medicalnewstoday.com/articles/326245.php>. August 30, 2019
58. NPR Health. A speedy test for norovirus could help water supplies check for contamination. <https://www.npr.org/sections/health-shots/2019/08/30/755964938/a-speedy-test-for-norovirus-could-help-water-supplies-check-for-contamination>. August 30, 2019
59. UANow. Science and Technology. Using a smartphone to detect norovirus. https://uanews.arizona.edu/story/using-smartphone-detect-norovirus?utm_source=uanow&utm_medium=email&utm_campaign=. August 29, 2019
60. Chemistry World. Can a smartphone stop a norovirus outbreak? <https://www.chemistryworld.com/news/smartphone-setup-could-put-a-stop-to-norovirus-outbreaks/3010901.article>. August 29, 2019.
61. International Business Times. Cruise Ship News: Scientists develop smartphone-based norovirus detector for cruise vacations. <https://www.ibtimes.com/cruise-ship-news-scientists-develop-smartphone-based-norovirus-detector-cruise-2818836>. August 28, 2019

62. Medical Device Network. Smartphone device uses fluorescent beads to detect norovirus. <https://www.medicaldevice-network.com/news/norovirus-detection-device/>. August 28, 2019
63. Innovators Magazine. Quick detection stops norovirus. <https://www.innovatorsmag.com/quick-detection-stops-norovirus/>. August 28, 2019
64. European Hospital. Using smartphones to detect norovirus. <https://healthcare-in-europe.com/en/news/using-smartphones-to-detect-norovirus.html>. August 28, 2019
65. New Atlas. Simple smartphone-based system detects norovirus in water. <https://newatlas.com/science/smartphone-norovirus-detector/>. August 27, 2019
66. UANews. Using a smartphone to detect norovirus. <https://uanews.arizona.edu/story/using-smartphone-detect-norovirus>. August 27, 2019
67. ContagionLive. Norovirus detection goes mobile with new portable smartphone-based device. <https://www.contagionlive.com/news/norovirus-detection-goes-mobile-with-new-portable-smartphonebased-device>. August 27, 2019
68. SciTechDaily. Using a smartphone to detect norovirus (winter vomiting bug). <https://scitechdaily.com/using-a-smartphone-to-detect-norovirus-winter-vomiting-bug/>. August 27, 2019
69. MedGadget. Smartphone and paper microfluidic device for norovirus detection. <https://www.medgadget.com/2019/08/smartphone-and-paper-microfluidic-device-for-norovirus-detection.html>. August 27, 2019
70. New Hampshire Public Radio (NHPR). A newer, faster way to detect norovirus in water supplies. <https://www.innovatorsmag.com/quick-detection-stops-norovirus/>. August 27, 2019
71. MedIndia. Smartphone enables detection of norovirus: here's how. <https://www.medindia.net/news/healthinfocus/smartphone-enables-detection-of-norovirus-heres-how-189885-1.htm>. August 27, 2019
72. New Scientist. A smartphone app can detect tiny amounts of norovirus in water. <https://www.newscientist.com/article/2213995-a-smartphone-app-can-detect-tiny-amounts-of-norovirus-in-water/> August 27, 2019
73. Daily Mail. Smartphone app and attachable microscope can detect outbreaks of norovirus for just £40. <https://www.dailymail.co.uk/sciencetech/article-7398299/Smartphone-app-attachable-microscope-detect-outbreaks-norovirus-just-50.html>. August 27, 2019
74. EurekaAlert! Using a smartphone to detect norovirus. AAAS. https://www.eurekaalert.org/pub_releases/2019-08/uoac-uas082319.php. August 27, 2019
75. NPR News. Special Series: Joe's Big Idea. A newer, faster way to detect norovirus in water. <https://www.npr.org/2019/08/27/754617708/a-newer-faster-way-to-detect-norovirus-in-water>. August 27, 2019
76. FoxNews. Should you use toilet seat covers in public bathrooms? <https://www.foxnews.com/health/should-you-use-toilet-seat-covers-in-public-bathrooms?> July 27, 2019
77. Phys.org. American Chemical Society. Smartphone-based device for detecting norovirus, the 'cruise ship' microbe. <https://phys.org/news/2019-08-smartphone-based-device-norovirus-cruise-ship.htm>. August 27, 2019
78. Water & Energy Sustainable Technology Center Newsletter. New research uses novel smartphone-based technology to detect waterborne pathogens. <https://west.arizona.edu/news/2019/07/new-research-uses-novel-smartphone-based-technology-detect-waterborne-pathogens>. July 8, 2019

79. Vogue (India) How gross is it really to re-wear sweaty workout clothes?
<https://www.vogue.in/wellness/content/how-gross-is-it-really-to-re-wear-sweaty-workout-clothes>. June 7, 2019
80. Self Magazine. How gross is it really to re-wear sweaty workout clothes?
<https://www.self.com/story/how-gross-re-wear-sweaty-workout-clothes>. June 5, 2019
81. Newsmax. The 10 most germ laden places you meet everyday. June 3, 2019
82. The Big Picture show. RT America, Washington D.C. Dangerous chemicals in drinking water in California. <https://www.youtube.com/watch?v=traIvsbgYtw>; May 31, 2019
83. American Cleaning and Hygiene. Women in Business. Twitter:
<https://twitter.com/ACHygiene/status/1134500709167194112>;
LinkedIn: <https://www.linkedin.com/feed/update/urn:li:activity:6540266559494021120>
; May 31, 2019
84. Tech Times. Chemicals in California tap water could cause over 15,000 cancer cases.
<https://www.techtimes.com/articles/243872/20190528/chemicals-california-tap-water-cause-over-15-000-cancer-cases.htm>. May 28, 2019
85. Handwashing for Life: Healthcare. Pathogen pathway pictorials for healthcare C-suites.
<http://handwashingforlifehealthcare.org/blog/jim-mann/pathogen-pathway-pictorials-healthcare-c-suites>. May 22, 2019
86. HuffPost. FYI, your credit card may be dirtier than a New York City subway pole. May 21, 2019. https://www.huffpost.com/entry/dirty-money-germs_1_5cdec311e4b09e057802bdca
87. First for Women. Why you need to stop washing your chicken before you cook. May 7, 2019 <https://www.firstforwomen.com/posts/washing-raw-chicken-141549>
88. Midday Live with Dr. Drew and Leeann Tweeden. AM 790 KABC. Arsenic and Cancer in California. May 2, 2019
89. KNXV-TV (ABC) Phoenix. Study estimates 15000 cancer cases could stem from chemicals in California tap water. April 30, 2019
<https://www.abc15.com/news/national/study-estimates-15-000-cancer-cases-could-stem-from-chemicals-in-california-tap-water>
90. USA Today. Sponges left in sinks become fecal germ bombs, science says.
<https://www.usatoday.com/story/news/2019/04/30/sponges-left-sinks-become-fecal-germ-bombs-science-says/3618207002/>. April 30, 2019
91. CNN. Study estimates 15,000 cancer cases could stem from chemicals in California tap water. <https://www.cnn.com/2019/04/30/health/water-quality-cancer-risk-california-study/index.html>. April 30, 2019
92. CBS NY News. Chemicals in California's tap water. April 30, 2019
93. Men's Health. Are your gross habits affecting your health? April 29, 2019
<https://www.menshealth.com.au/gross-habits-affecting-health>
94. Real Simple. Best products to clean the bathroom. April 2019
95. Is bar soap sanitary or just crawling with germs? <https://www.self.com/story/bar-soap-sanitary-or-germy>. April 5, 2019
96. American Cleaning and Hygiene: Women in Business Cover Story. March 12, 2019.
<https://www.americancleaningandhygiene.com/gender-equality-economic-growth/>
97. ASPPH Friday Letter. Arizona: Microbial transmission in an outpatient clinic and impact of an intervention with an ethanol-based disinfectant. March 7, 2019.
<https://www.aspph.org/arizona-microbial-transmission-in-an-outpatient-clinic-and-impact-of-an-intervention-with-an-ethanol-based-disinfectant/>

98. Now Trending. CJAD News/Talk Radio Montreal. The germiest places in your home. March 10, 2019
99. Contagion Live. Outpatient infection control- managing microbial transmission. February 19, 2019. <https://www.contagionlive.com/contributor/saskia-v-popescu/2019/02/outpatient-infection-control-managing-microbial-transmission>
100. Curbed. Why everyone is talking about towels. February 18, 2019. <https://www.curbed.com/2019/2/18/18229530/towels-bathroom-best-bath-sheet-twitter>
101. Today Show (NBC). The best toilet paper to buy in 2019. February 14, 2019. <https://www.today.com/home/best-toilet-paper-buy-t148398>
102. Real Simple. Should you store bath towels in the bathroom? February 11, 2019. <https://www.realsimple.com/home-organizing/organizing/organizing-bathroom/where-to-store-bath-towels>
103. Real Simple. Should you let people wear shoes in your home? We asked a pro. February 7, 2019. <https://www.realsimple.com/home-organizing/cleaning/cleaning-more-rooms/shoes-inside-house>
104. Metro Parent. How to protect kids from germs. February 6, 2019. <https://www.metroparent.com/daily/health-fitness/childrens-health/how-to-protect-your-kids-from-germs/>
105. Apartment Therapy. A microbiologist reveals the 4 germiest things on an airplane. December 2018. www.apartmenttherapy.com/how-to-avoid-germs-on-planes-264651
106. CDC Newsletter. Are you involved in water safety for buildings? The Prevent Legionella Disease Training is through the Western Region Public Health Training Center at the UA Mel and Enid Zuckerman College of Public Health. December 19, 2018. <https://content.govdelivery.com/accounts/USCDC/bulletins/22244a3>
107. WSET.com. Study says thousands of bacteria make their way into our homes from our shoes. November 21, 2018. <https://wset.com/news/nation-world/study-says-thousands-of-bacteria-make-their-way-into-our-homes-from-our-shoes-11-21-2018>
108. BuzzFeed. We asked the experts how to safely thaw turkey so you don't die. November 16, 2018. <https://www.buzzfeed.com/michelleno/how-to-safely-thaw-frozen-turkey-for-thanksgiving> (trending 90K+ views)
109. Reader's Digest. 13 household items that up your risk for cold and flu. November 11, 2018. <https://www.rd.com/health/wellness/household-items-that-raise-your-cold-and-flu-risk/>
110. BuzzFeed. Is it safe to eat raw cookie dough? Here's what the experts actually say. November 1, 2018. <https://www.buzzfeed.com/michelleno/raw-cookie-dough-food-safety-debate>.
111. Bulletproof. How to clean your coffee maker- and why you really need to. October 19, 2018. <https://blog.bulletproof.com/how-to-clean-coffee-maker-mold/>
112. BuzzFeed. Here's everything you need to know about storing butter at room temperature. September 19, 2018. <https://www.buzzfeed.com/michelleno/facts-storing-butter-at-room-temperature-food-safety>
113. Daily Mail (UK). The dirtiest areas of a hotel room revealed. September 3, 2018. <https://www.dailymail.co.uk/femail/article-6125595/What-check-hotel-room-soon-arrive.html>
114. VICE Media. Influence of open offices on employee wellness. ~July 2018.

115. Healthline. CDC finds pools and hot tubs cause one-third of waterborne disease outbreaks. June 6, 2018. <https://www.healthline.com/health-news/cdc-finds-pools-hot-tubs-cause-waterborne-disease-outbreaks#1>
116. Slate. How gross is a used hotel mattress? June 6, 2018. <https://slate.com/technology/2018/06/how-gross-are-hotel-mattresses-make-hotel-bed-cleaner.html>
117. Scientific American. American Epidemic. Resurgent outbreaks of infectious diseases are sickening thousands and the causes are societal. By Melinda Wenner Moyer. May 2018.
118. Real Simple. List of household items you should probably replace more often than you think. ~April 2018.
119. Oprah Magazine. Reuseable plastic water bottles. ~April 2018.
120. Huffington Post. 5 of the germiest places in hotel rooms. April 25, 2018. https://www.huffingtonpost.com/entry/dirty-spots-in-hotel-rooms_us_5ae09906e4b061c0bfa4356d
121. Well+Good. Why you shouldn't put your sweaty gym clothes in a plastic bag after a workout. ~March 2018.
122. USA Today. The Internet discovered reusable toilet paper. What you should know about it, according to a germ expert. March 15, 2018. <https://www.usatoday.com/story/news/nation-now/2018/03/15/reusable-toilet-paper-why-one-germ-expert-draws-line-bathroom-cloths/430055002/>
123. Health.com. 13 things to buy for a healthier home in 2018. March 6, 2018. <http://www.health.com/home/healthy-home-awards-2018>
124. Scientific American. Infectious disease risks in modern cities. ~February 2018.
125. Travel and Leisure/ Boston Herald. These are the dirtiest places in your hotel room. February 17, 2018.
126. Well + Good. Five secrets for staying healthy this cold and flu season. February 16, 2018. <https://www.wellandgood.com/good-advice/how-to-avoid-getting-sick-flu/>
127. Self. No, you shouldn't take your phone into the bathroom. February 16, 2018. <https://www.self.com/story/dont-take-your-phone-into-the-bathroom>
128. Time Magazine. These are the dirtiest places in your hotel room. February 13, 2018. <http://time.com/5135121/dirty-hotel-rooms-germs/>
129. Self. Yes, poop particles spray into the air when you flush the toilet. January 12, 2018. <https://www.self.com/story/toilet-plume-poop-spray>
130. Well+Good. The 5 germiest spots in your office (hint: only 1 is the bathroom). March 14, 2018. <https://www.wellandgood.com/good-advice/germiest-spots-in-office/>.
131. AOL. Here's why you should never, ever share earbuds with anyone. November 27, 2017. <https://www.aol.com/article/lifestyle/2017/11/27/heres-why-you-should-never-ever-share-earbuds-with-anyone/23289392/>
132. Reader's Digest. Here's why you should never, ever share earbuds with anyone. November 26, 2017. <https://www.rd.com/health/wellness/never-share-earbuds/>
133. The Sacramento Bee. Harmful bacteria found in makeup samples. November 27, 2017. <http://www.sacbee.com/latest-news/article186699508.html>
134. BuzzFeed. Here's how to cook a holiday meal without making anyone sick. November 21, 2017. https://www.buzzfeed.com/carolinekee/thanksgiving-dinner-with-a-side-of-germs?utm_term=.trEqDQDzL#.wsDkeZeVW

135. BuzzFeed. Is it actually unhealthy to let your dog lick your face? November 16, 2017. https://www.buzzfeed.com/carolinekee/should-you-let-your-dog-lick-your-face?utm_term=.yuvVVEvoE#.jeyooxJDx
136. Gears of Biz. How Dirty Is Your Office Kitchen? October 10, 2017. <http://gearsofbiz.com/how-dirty-is-your-office-kitchen/115984>
137. BuzzFeed. Let's settle the hand sanitizer vs. hand washing debate, once and for all. Which method is your best line of defense in the battle against germs? https://www.buzzfeed.com/carolinekee/lets-settle-the-hand-sanitizer-versus-hand-washing-debate?utm_term=.txLMkpE33#.giDvPm6BB. October 9, 2017.
138. Healthline. How Dirty Is Your Office Kitchen? October 9, 2017. <https://www.healthline.com/health-news/how-dirty-Is-your-office-kitchen#1>
139. Belgian De Standard Newspaper. Recreational water hazards. www.destandaard.be/wetenschapswinkel. ~October 2017.
140. Healthline. Workplace germs. ~October 2017.
141. The Huffington Post. Take your sick days. Here's how. September 27, 2017. http://www.huffingtonpost.com/entry/take-your-sick-days-heres-how_us_59cbe316e4b0b99ee4a9c9c5
142. Reader's Digest. Your coffee maker could be full of mold, unless you clean it like this. September 20, 2017. <https://www.rd.com/home/cleaning-organizing/how-to-clean-coffee-maker/>
143. MSN. Your coffee maker could be full of mold, unless you clean it like this. September 21, 2017. <https://www.msn.com/en-us/health/wellness/your-coffee-maker-could-be-full-of-mold%E2%80%94unless-you-clean-it-like-this/ar-AAshnLZ>
144. Women's Health Magazine. DIS Health: Formaldehyde in clothes. ~October 2017.
145. BuzzFeed. We asked experts whether washing raw chicken was legit or useless. August 19, 2017. https://www.buzzfeed.com/michelleno/we-asked-experts-whether-washing-raw-chicken-was-legit-or?utm_term=.wyzmlP4Y9o&bfbtasty#.kv08AQeOo4
146. Marie Claire (UK). The very gross reason you should never wear shoes indoors. August 2, 2017. <http://www.marieclaire.co.uk/news/shoes-indoors-bacteria-526577>
147. Bottom Line Health. No shoes, please. June 23, 2017. <https://bottomlineinc.com/life/germs/no-shoes-please>
148. Refinery. Can you catch literally anything from a toilet seat? May 31, 2017. <http://www.refinery29.com/toilet-seat-cover-diseases-myth>
149. Health.com. Live Healthy: Make your home healthier. May 2017
150. BuzzFeed News. Sorry everyone but swimming pools are full of diarrhea. May 1, 2017. https://www.buzzfeed.com/carolinekee/swimming-pools-are-full-of-diarrhea?utm_term=.cgAqOzxaKJ#.qvke4yrkLm
151. Health Magazine. The best natural cleaning products. April 10, 2017. <http://www.health.com/home/best-natural-cleaning-products>
152. Real Simple. The 8 germiest items in your home. March 7, 2017. <http://www.realsimple.com/home-organizing/cleaning/germs-home>
153. MSN. 7 horrifying things that can happen when you kiss. February 8, 2017. <https://www.msn.com/en-us/health/healthtrending/7-horrifying-things-that-can-result-from-kissing/ar-AAmJqXt>
154. Cosmopolitan. 7 horrifying things that can happen when you kiss. February 8, 2017. <http://www.cosmopolitan.com/health-fitness/a8687514/scary-kissing-facts/>

155. Long Beach City College Viking. You'll never unlearn how many germs are on your water bottle. February 6, 2017. <http://lbccvikingnews.com/healthy-living/youll-never-unlearn-how-many-germs-are-on-your-water-bottle/80659>
156. Huffington Post. You'll never unlearn how many germs are on your water bottle. February 6, 2017. http://www.huffingtonpost.com/entry/germs-water-bottle_us_588fa487e4b02772c4e86906
157. Time.com. Does washing laundry kill germs? February 22, 2017. <http://time.com/4676920/washing-machine-germs/>
158. Seventeen Magazine. Is your school locker a source of germs? February 2017.
159. The Huffington Post. A reminder that there's fecal matter on practically everything. January 30, 2017. http://www.huffingtonpost.com/entry/a-reminder-that-theres-fecal-matter-on-practically-everything_us_588778cce4b070d8cad56edf
160. Readers Digest. 8 reasons your relaxing hot tub is actually pretty gross. Think twice before taking a soak. January 27, 2017. <http://www.rd.com/health/wellness/hot-tub-dangers/>
161. Lifehack. Scientists discover why you should take off your shoes before entering your home. January 1, 2017. <http://www.lifehack.org/317735/scientists-discover-why-you-should-take-off-your-shoes-before-entering-your-home>
162. BuzzFeed. 13 Things you should know before you get in a hot tub. December 23, 2016. https://www.buzzfeed.com/carolinekee/hot-tubs-more-like-not-tubs?utm_term=.hiJ180a0B#.yd2ey7o7a
163. MSN, Glamour. 7 Major skincare sins you're making every morning. November 8, 2016. <http://www.msn.com/en-sg/lifestyle/beauty/7-major-skin-care-sins-youre-making-every-morning/ar-AAk1gUL>
164. Cosmopolitan magazine. The hazards of kissing. November 2016.
165. HGTV Magazine. How Bad is it... To dry your hands on the communal hand towel in the guest bathroom? November 2016.
166. Allure magazine. Study finds 5-second rule may not be a thing. September 26, 2016. <http://www.allure.com/story/5-second-rule-not-real>
167. BuzzFeed. 27 college health tips they won't teach you at orientation. September 18, 2016. https://www.buzzfeed.com/carolinekee/how-to-not-get-sick-af-in-college?utm_term=.vs45xzJZED#.nl0dkzQ2eX
168. Real Simple Magazine. Surprisingly unhealthy habits. July/August 2016.
169. BuzzFeed. 15 facts about pool water that are slightly horrifying. July 20, 2016. https://www.buzzfeed.com/carolinekee/swimming-pools-are-germ-cocktails?utm_term=.kiKWJaBA98#.lhaPvZRyGA
170. Dr. Oz. The Good Life. How often do you have to wash your beach towel? July 3, 2016. <http://www.drozthegoodlife.com/healthy-lifestyle/home-money-health/a1937/wash-beach-towel>
171. Food Safety News. Follow the money: Reducing risk vs. increasing costs. June 16, 2016. <http://www.foodsafetynews.com/2016/06/follow-the-money-reducing-risk-vs-increasing-costs/#.V2MW8bsrK70>
172. ASPPH Friday Letter. Arizona study examines the impact of disinfectant wipes on the risk of *Campylobacter jejuni* infection during raw chicken preparation. May 5, 2016. <http://www.aspph.org/arizona-study-examines-the-impact-of-disinfectant-wipes-on-the-risk-of-campylobacter-jejuni-infection-during-raw-chicken-preparation/>

173. ASPPH Friday Letter. Arizona examines the spread of viruses in a long term care facility. May 5, 2016. <http://www.aspph.org/arizona-examines-the-spread-of-viruses-in-a-long-term-care-facility/>
174. ASPPH Friday Letter. Arizona tracks spread of infectious microbes during emergency medical response. April 28, 2016. <http://www.aspph.org/arizona-tracks-spread-of-infectious-microbes-during-emergency-medical-response/>
175. ASPPH Friday Letter. Arizona's healthy workplace project: Reduced Viral Exposure in an Office Setting. April 21, 2016. Archives of Environmental and Occupational Health. <http://www.aspph.org/arizonas-healthy-workplace-project-reduced-viral-exposure-in-an-office-setting/>
176. ASPPH Friday Letter. Arizona: Use of a portable air disinfecting system to remove seeded coliphage in hospital rooms. April 13, 2016. <http://www.aspph.org/arizona-use-of-a-portable-air-disinfecting-system-to-remove-seeded-coliphage-in-hospital-rooms/>
177. Momtastic Blog. The germiest places kids hang out (& how to beat the yuck). April 8, 2016. <http://www.momtastic.com/health/617191-germiest-places-kids-hang-beat-yuck/>
178. BuzzFeed. The gross earbud habit you're probably guilty of. April 3, 2016. <http://www.buzzfeed.com/carolinekee/clean-those-earbuds-asap#.cbzM7YkKGZ>
179. BuzzFeed. Here's why you should stop bringing your phone to the bathroom. March 23, 2016. <http://www.buzzfeed.com/carolinekee/are-you-reading-this-in-the-bathroom-#.fk0YO8EY5> (744K views)
180. BuzzFeed. 19 gross kitchen habits you probably definitely have. February 15, 2016. <http://www.buzzfeed.com/carolinekee/trust-no-sponge> (678K views)
181. BuzzFeed. 17 seemingly harmless bathroom habits that are actually disgusting. January 11, 2016. <http://www.buzzfeed.com/carolinekee/moldy-shower-curtains-just-gtfo#.eqaz5WnxOd> (1.19M views)
182. Parents Magazine. Germ spread. January 2016. <http://www.parents.com/toddlers-preschoolers/development/behavioral/lovey-love/>
183. Health Magazine. Office study. December 2015.
184. Dr. Oz: The Good Life. How healthy is your bathroom? November 2015.
185. Greatist. The least disgusting way to use a public toilet, according to experts. October 30, 2015. <http://greatist.com/grow/how-to-use-public-toilet>
186. The Daily Wildcat. Get vaccinated and wash your hands is what University of Arizona experts recommend this flu season. October 26, 2015. <http://www.wildcat.arizona.edu/article/2015/10/get-vaccinated-and-wash-your-hands-is-what-university-of-arizona-experts-recommend-this-flu-season>
187. Swimming World Magazine. State of the Olympic venue waters. October 2015.
188. BuzzFeed. 13 ways your makeup habits can make you sick. September 15, 2015. <http://www.buzzfeed.com/carolinekee/sharing-is-not-caring#.yl3KrWoGnm>
189. Elle Magazine. When does makeup expire? September 2015.
190. Google reveals the most searched beauty questions around the globe. Elle. August 25, 2015. <http://www.elle.com/beauty/a29875/your-google-questions-answered/>
191. Dr. Oz: The Good Life. What you can sanitize in the microwave. July 2015.
192. The Huffington Post. Pillows. July 2015.
193. Prevention. 7 parts of your body you shouldn't touch with your hands. June 8, 2015. <http://www.prevention.com/health/hygiene-hint-dont-touch-these-germy-body-parts>
194. BuzzFeed. Are you washing your bath towel enough? June 7, 2015. <http://www.msn.com/en-us/video/lifestyle/are-you-washing-your-bath-towel-enough/vi-BBKHZH1?ocid=iehp>

195. Men's Health. 7 parts of your body you shouldn't touch with your hands. June 3, 2015. http://www.menshealth.com/health/do-not-touch-body-parts?cid=isynd_PV_0615
196. The Huffington Post. Your Keurig machine may be covered in bacteria and mold. May 21, 2015. http://www.huffingtonpost.com/2015/05/20/keurig-machine-bacteria-real-gross_n_7345858.html
197. US Food Safety. Harmful bacteria may be lurking in your single-serve coffee machine. May 20, 2015. <http://blog.usfoodsafety.com/2015/05/20/harmful-bacteria-may-be-lurking-in-your-single-serve-coffee-machine/>
198. Woman's Day. Oh no! Your single-serve coffee machine could be covered with dangerous bacteria. May 20, 2015. <http://www.womansday.com/health-fitness/wellness/news/a50653/java-lovers-beware-theres-harmful-lurking-in-your-coffee-machine/>
199. Fox News. Harmful bacteria may be lurking in your single-serve coffee machine. May 19, 2015. <http://www.foxnews.com/leisure/2015/05/19/harmful-bacteria-may-be-lurking-in-your-k-cup-coffee-machine/>
200. El Baul De Lurod! 8 tips for a healthier workplace. March 23, 2015. <http://lurods.blogspot.com/2015/03/8-tips-for-healthier-workplace.html>
201. The Express-Tribune. Unlikely hotspots for germs. March 8, 2015. <http://tribune.com.pk/story/850045/unlikely-hotspots-for-germs>
202. The Express-Tribune. Unlikely hotspots for germs. March 8, 2015. <http://tribune.com.pk/story/850045/unlikely-hotspots-for-germs>
203. Staples business-hub. 10 tips for having a clean office. March 2015. www.staples.com/business-hub
204. Safe Bee from Underwriter's Laboratory. How often should you wash your towel? February 23, 2015. www.safebee.com
205. Yahoo! News (Health front page) and Yahoo! Shine (Canada). The germiest winter accessory you never wash. February 20, 2015. <https://www.yahoo.com/health/the-germiest-winter-accessory-you-never-wash-111490490462.html>
206. Arizona Daily Wildcat. Changing climate helps microbial disease grow. February 12, 2015. <http://www.wildcat.arizona.edu/article/2015/02/changing-climate-helps-microbial-disease-grow>
207. WJW Fox 8 (Cleveland, OH). Bacteria and mold will accumulate: Expert weighs in on bath towel use. February 9, 2015. <http://fox8.com/2015/02/09/bacteria-and-mold-will-accumulate-expert-weighs-in-on-bath-towel-use/>
208. WGN-TV (Chicago, IL). Expert explains how often you should really be washing your bath towels. February 9, 2015. <http://wgntv.com/2015/02/09/expert-explains-how-often-you-should-really-be-washing-your-bath-towels/>
209. BuzzFeed. 11 ways to make your gym workout less germ-filled. February 4, 2015. <http://www.buzzfeed.com/sallytamarkin/circle-circle-dot-dot-now-you-have-a-cootie-shot>
210. Men's Health. Where the germs are in the home. February 2015.
211. BuzzFeed. This is how often you should actually wash your towels. January 29, 2015. <http://www.buzzfeed.com/candacelowry/this-is-how-often-you-should-actually-wash-your-towels#.nogLmqDLK> (Top Post, 1.34M views).
212. The Huffington Post. 8 facts to show your boss next time you want to take a sick day. By Harry Bradford. December 3, 2014. http://www.huffingtonpost.com/2014/12/03/sick-day_n_6250666.html?utm_hp_ref=business&ir=Business?view=print&comm_ref=false

213. Consumer Affairs. Are you drinking mold with your coffee? December 2, 2014.
<http://www.consumeraffairs.com/news/are-you-drinking-mold-with-your-coffee-120214.html>
214. Prevention. 10 worst germ hot spots. December 1, 2014.
<http://www.prevention.com/health/health-concerns/top-10-places-germs-can-make-you-sick>
215. Men's Health. 9 places where mold is hiding in your home. December 2014.
<http://www.menshealth.com/health/9-places-where-mold-hides-home>
216. FITNESS Magazine. Gym bag germs. December 2014.
217. Detroit News. 8 things everyone who doesn't own a dishwasher should know. November 27, 2014. <http://ewallstreeter.com/things-everyone-who-doesn-t-own-a-dishwasher-should-know-5225/>
218. The Huffington Post. 8 things everyone who doesn't own a dishwasher should know. November 27, 2014. http://www.huffingtonpost.com/2014/11/27/hand-washing-dishes-tips_n_6211214.html
219. Tech Times. World Toilet Day: Why you shouldn't be afraid to use a public restroom. November 19, 2014. <http://www.techtimes.com/articles/20554/20141119/world-toilet-day-public-restrooms.htm>
220. BuzzFeed. Your ultimate flu season survival guide. November 19, 2014.
<http://www.buzzfeed.com/carolynkylstra/flu-season-survival-guide>
221. Buzz Blog. The 14 filthiest, germiest things you touch all day, every day. November 12, 2014. <http://adf.ly/52546/banner/http://www.buzzblog.blogspot.in/2014/11/the-14-filthiest-germiest-things-you.html>
222. Health. 20 surprising ways to prevent colds and flu. November 12, 2014.
<http://www.health.com/health/gallery/0,,20752945,00.html>
223. BuzzFeed. Why you should definitely sit your butt down on that public toilet seat. November 11, 2014. <http://www.buzzfeed.com/carolynkylstra/sit-your-butt-down> (1.29M views)
224. Merdeka.com. Ini benda di dapur yang menjadi sarang kuman [This object in the kitchen has become a nest for germs]. November 3, 2014.
<http://www.merdeka.com/sehat/ini-benda-di-dapur-yang-menjadi-sarang-kuman.html>
225. 108Jakarta.com (Indonesia media). Awas, lap dapur yang jadi sarang kuman [Caution, your kitchen becomes a nest for germs]. November 3, 2014.
<http://www.108jakarta.com/lifestyle/2014/11/03/45571/Awas--Lap-Dapur-Yang-Jadi-Sarang-Kuman>
226. Tabloidku.com. Benda dapur yang menjadi tempat bersarangnya kuman [Kitchen objects that can be a nesting place for germs]. November 2, 2014.
<http://tabloidku.com/59575/baca-berita-benda-dapur-yang-menajdi-tempat-bersarangnya-kuman.php>
227. USDA radio. Kitchen Contaminants. November 2014. Radio feed for >1,400 stations.
228. SafeBee.com. Cold-prevention. Underwriters Laboratories. November 2014.
229. Healthcare Purchasing News. New study reveals how quickly viruses contaminate buildings. October 31, 2014.
230. The Huffington Post. 13 Kitchen rules you're probably ignoring. October 30, 2014.
http://www.huffingtonpost.com/2014/10/28/kitchen-rules_n_6036898.html

231. The Huffington Post. You need to wash your towels more often than you think. Here's why. October 16, 2014. http://www.huffingtonpost.com/2014/10/16/kitchen-rag-bacteria_n_5960786.html
232. Arizona Daily Star. Germs spread rapidly in offices, UA study finds. October 20, 2014. http://tucson.com/news/state-and-regional/germs-spread-rapidly-in-offices-ua-study-finds/article_7cc1e2ad-1b83-507e-bf97-c9d5fac2d26a.html (Frontpage; Sunday circulation: >364,000).
233. Woman's Day. The 10 dirtiest spots in your kitchen. October 1, 2014. <http://www.womansday.com/home/cleaning-tips/kitchen-cleaning-checklist#slide-1>
234. Houston Chronicle. The 10 dirtiest spots in your kitchen. October 2014. <http://www.houstonchronicle.com/life/healthzone/article/The-10-dirtiest-spots-in-your-kitchen-5791420.php>
235. House Beautiful. The 10 dirtiest spots in your kitchen. October 2014. <http://www.housebeautiful.com/decorating/cleaning/dirtiest-kitchen-spots-womans-day>
236. Wall Street Journal | WSJ Europe. Germs at the office are often found on keyboards and at coffee stations. September 30, 2014. <http://online.wsj.com/articles/germs-at-the-office-are-often-found-on-keyboards-and-at-coffee-stations-1412032235>
237. Huffington Post. Your coffee maker is full of mold. Here's how to clean it. September 29, 2014. http://www.huffingtonpost.com/2014/09/29/how-to-clean-coffee-maker_n_5861026.html
238. Wall Street Journal Live. September 2014.
239. Huffington Post. Your coffee maker is full of mold. here's how to clean it. September 2014. http://www.huffingtonpost.com/2014/09/29/how-to-clean-coffee-maker_n_5861026.html
240. Walmart World Magazine. Surprising places germs can lurk. September 2014. (Circ: 1M)
241. All You Magazine. Bathroom cleaning. August 2014.
242. Health Radar. A Publication of NewsmaxHealth. Vol 4, Issue 7. "Beware of these 6 germ hot spots". July 2014.
243. Dr. Oz The Good Life Magazine. Guide to spring cleaning. Magazine insert. May 2014 (Circulation: > 450K)
244. InStyle Magazine. Expert Tip. P. 382, May 2014 (circulation ~1.9M)

Local and State Outreach (since 2012)

Arizona Water Innovation Challenge Video. Promoting water reuse through microbrewery competition. October 31, 2016. <https://youtu.be/oEXUD8XeZno>. Grand Challenge Winner.

UA Institute of the Environment, a meeting of Department Heads and Directors, October 22, 2015

UA Campaign Video, March 2014

Water Safety Plan Development. University of Arizona Steward Observatory Mirror Lab. Student intern: Joli Jones, 2013

Mold Survey and Education Outreach. Northwest Fire District. 2012

National Outreach (since 2012)

EMS Exposure Reduction Training. Partnership with Tucson Fire Department (TFD), Tucson Fire Fighters Association IAFF Local 479.
<https://www.youtube.com/watch?v=GlbGJtfzHdE&feature=youtu.be> Posted March 21, 2020. (Impact: >9,500 views on 3/26/20)

PreventLD Training. Preventing Legionnaires' Disease: A training on *Legionella* water management programs. <https://www.cdc.gov/nceh/ehs/elearn/prevent-LD-training.html> 2019-present

WQA Radio. Podcast. The impact of the Santa Clarita, California water softener ban.
<https://soundcloud.com/user-141188699/wqa-radio-39-kelly-reynolds-on-santa-clarita-softener-ban>. September 28, 2017

Healthcare Infection Transmission Systems (HITS). Co-Founder and Steering Committee Vice-Chair. 2017-present

AHE Learning Express Video Library. Soft surface contamination concerns in healthcare environments. September 27, 2016

AHE Learning Express Video Library. Quantitative risk modeling to evaluate microbial transmission patterns in healthcare environments. September 27, 2016

QMRA III Program Faculty- contributed content. Michigan State University. August 7-10, 2015

Water Laboratory Alliance Analytical Preparedness Full Scale Exercise (AP-FSE) Tool Kit Pilot. A collaboration with ESRAC, Tucson Water, and the Environmental Protection Agency (EPA). Certificate of Appreciation. June 26, 2016

EPA (Environmental Protection Agency). Expert review panelist for draft document, "Site-Specific Alternative Recreational Criteria Technical Support Material for Predominantly Non-Human Fecal Sources", March 2015

National Park Service. Environmental Predictors of Fecal Indicator Bacteria in Recreational Waters and Risk Communication at Five National Park Service Sites. Student intern advised: Rebecca Ragar, 2013

International Outreach (current and since 2012)

COVID-19 Prevention Webinar. Speaker and panelist. April 1, 2020.

Training Video for First Responders: How to Prevent Infection During an Outbreak. 2020

Dr. Kelly Reynolds, Professor and Chair in the Department of Community, Environment, and Policy, and Director at the Environment, Exposure Science, and Risk Assessment Center (ESRAC), and Dr. Jeff Burgess, Associate Dean of Research MEZCOPH, are working with the Tucson Fire Department (TFD) and the Western Regional Public Health Training Center (WRPHTC) at MEZCOPH to create a “pathogen exposure prevention” training video for firefighters and EMS responders about the best protocols to avoid infection.

Codes and Standards CSA Cleaning and Disinfection Committee, focused on the development of healthcare cleaning standards in Canada. Founding member, 2018-present

Environment, Exposure Science and Risk Assessment Center (ESRAC) website development. 2013-present

Quarterly author of De Le Llave, an educational column for Agua Latinoamérica, focused on current and emerging water quality issues in Latin America. Published in Spanish. 2001-present

Monthly author of On Tap, an educational column for Water Conditioning and Purification International, focused on cutting-edge research in the field of environmental microbiology. 1997-present

Appointed to the Technical Review Council, Water Conditioning and Purification, 1996-present

Reddit AMA. February 1, 2013. Second most popular AMA for the day; 277 points and 71st most popular topic on Reddit immediately following live post.

Journal/Book Reviews (since 2012)

Journal of Occupational and Environmental Hygiene, 2014; 2016; 2017

Journal of Water and Health, 2012; 2017

Journal of Occupational and Environmental Health, 2014; 2016

Saudi Journal of Medicine & Medical Sciences, 2016

Integrative Environmental Health, Cohen and vom Sal (Eds.), The Weil Integrative Medicine Library, 2015

American Journal of Infection Control, 2014

International Journal of Environmental Research and Public Health, 2013

Journal of Virological Methods, 2012-2013

Public Health, 2012

Departmental Committees (since 2012)

Mentor, Marc Verhougstraete, Assistant Professor of Environmental Health Sciences, Mel & Enid Zuckerman College of Public Health, University of Arizona, 2016-present

Mentor, Robert Canales, Assistant Professor of Environmental Health Sciences, Mel & Enid Zuckerman College of Public Health, University of Arizona, 2015-2019

Environmental Health Sciences, Program Director 2015-2017

Education Committee, Member 2015-2017

Community, Environment and Policy, Promotion and Tenure Committee, Member 2015-2017

Reviewer/Chair. Annual Faculty Performance Reports. Community, Environment and Policy Division, 2016 (Chair); 2017 (Chair); 2018 (Chair)

Mentor, Heidi Brown, Assistant Professor of Epidemiology and Biostatistics, Mel & Enid Zuckerman College of Public Health, University of Arizona, 2013-2016

Faculty Search Committees, 2012; 2013; 2014; 2015; 2016; 2017; 2018

Director of Graduate Studies, 2015

College Committees (current and since 2012)

2020 COVID-19 MEZCOPH Response Task Force

2019 CEPH MEZCOPH Self Study Task Force

2018 Public Health Poster Forum Judge. April 9, 2018

Director, Environment, Exposure Science and Risk Assessment Center (ESRAC), 2013-present

Research Advisory Council, 2006-2017

One Health Admissions Review Committee, 2017

MEZCOPH Curriculum Planning Committee 2016-2017

Public Health Research Poster Forum Judge. March 29, 2016

Promotion and Tenure Review Committee, 2010-2015

Search Committee, Biostatistics Faculty, 2013

Global Health and Community Development Committee, 2011-2013

University Committees (current and since 2012)

Member, UA Health Sciences Strategic Planning Advisory Committee. 2018-present

Search Committee, College of Social and Behavioral Sciences, TRIS/WEES Joint Hire in Environmental Health, 2017-2018

Institute for Environment and Science, Advisory board, member, 2008- present

Appointed Executive Committee Member. UA Water Quality Certificate Program, 2007-present

UA Water Sustainability Program (WSP) Academic Advisory Committee, 2007-present

One Health MPH, Executive Advisory Committee, 2015-2017

Water, Environmental, and Energy Solutions (WEES) UA Advisory Committee, 2015-2017

Water, Energy, Sustainability, and Technology (WEST) Center Search Committee, 2015-2016

UA Food Safety Consortium, member 2014-2016

UA Environmental Social Scientists Workshop, 2015

AAHRPP IRB Review member, 2014

Dean's 5 Year Review Committee, 2014

Faculty Advisor. UA Thirst Project Club, 2012-2014

Institutional Review Board Committee, 2012-2014

UA Faculty Senate IT Committee, 2012-2014

UA Faculty Senator, at-Large Faculty Senate Representative, 2009-2011; re-elected 2011-2013

Graduate Interdisciplinary Program Committee on Global Change (ISPE), Faculty advisor, 2007-2012

External Committees (current and since 2012)

ASSE Certification Advisory Board. Member 2019- present

Promotion and Tenure Review, Candidate for Promotion to Full Professor, Drexel University, 2019

Public Health Editor, Water Conditioning and Purification International. 2010- present

Water Quality Association (WQA) Sustainability Review Board and Certification Program Co-Chair. 2017-2020

Arizona Public Health Association. Member 2018

Promotion and Tenure Review, Candidate for Promotion to Associate Professor, Michigan State University, 2017

Advisory Panel on Emerging Contaminants, Arizona. Department of Environmental Quality. 2014-2016

DEVELOPMENT ACTIVITIES

Teaching workshop- Group Work. OIA. August 30, 2019

Course audit, CPH 604 Applied Math in Environmental Health Sciences. Spring 2017

Making the Most of the Opening and Closing Minutes of Class Time. Teaching development webinar training with Dr. Jim Lang. February 16, 2017

COURSES TAUGHT (since 2012)

CPH 418/518 Quantitative Human Health Risk Assessment. A course designed relative to practice and research within the risk analysis paradigm including risk assessment, risk management, and risk communication.

CPH 484/584 Fundamentals in Environmental and Occupational Health. A core course in the basics of quantitative exposure assessment and hazard identification.

CPH 575 Environmental and Occupational Health. A core course in environmental health sciences and occupational health and safety practice and research.

CPH 696r Environmental and Occupational Health Seminar. Special topics and career development in EOH.

EHS 520 Environmentally Acquired Illnesses, special topics.

PUBLICATIONS

Chapters in Scholarly Books (original research)

1. Suppes, L.M., K.C. Ernst, L. Abrell, **K.A. Reynolds**. 2019. Validation of questionnaire methods to quantify recreational water ingestion. *In*: E. Leoni (Ed.) Recreational Water Illnesses. MDPI. Basel, Switzerland. ISBN-978-3-03897-579-3 (scholarly book chapter/original research).
2. **Reynolds, K.A.** 2011. Will global warming influence emerging diseases? Encyclopedia of Microbiology. *In*: A. Maczulak. (Ed.). Encyclopedia of Microbiology. Facts on File, Inc., Infobase Publishing, New York, NY.
3. **Reynolds, K.A.**, K. D. Mena. 2009. Quantitative Microbial Risk Assessment of Waterborne Disease. *In*: IOM (Institute of Medicine) Global issues in water, sanitation, and health. Washington, DC: The National Academies Press.
4. Hurst, C.J. and **K.A. Reynolds**. 2007. Sampling viruses from soil. *In*: C. J. Hurst, R.L. Crawford, J.L. Garland, D.A. Lipson, A.L. Mills, L.D. Stetzenbach (Eds.) Manual of Environmental Microbiology. Third Edition. ASM Press, Washington, D.C. ISBN-10: 1-5581-379-8 (scholarly book chapter/original research).
5. Hurst, C.J. and **K.A. Reynolds**. 2007. Detection of viruses in environmental waters, sewage, and sewage sludges. *In*: C. J. Hurst, R.L. Crawford, J.L. Garland, D.A. Lipson, A.L. Mills, L.D. Stetzenbach (Eds.) Manual of Environmental Microbiology. Third Edition. ASM Press, Washington, D.C. ISBN-10: 1-5581-379-8 (scholarly book chapter/original research).

6. **Reynolds, K.A.** 2004. Integrated cell culture/PCR for detection of enteric viruses in environmental samples. *In: Spencer, J.F.T and Ragout de Spencer, A.L. (Eds.). Public Health Microbiology: Methods and Protocols. Methods in Molecular Biology, Vol. 268. Humana Press. Totowa, New Jersey, pp. 69-78.*
7. Gerba, C.P., **K.A. Reynolds**, S.E. Dowd, and I.L. Pepper. 2001. Polymerase chain reaction for the detection of parasites and viruses. *In: Rapid Detection Assays for Food and Water. S. Clark, K.C. Thompson, C.W. Keevil, and M. Smith (Eds.), The Royal Society of Chemistry, Cambridge, United Kingdom, pp. 49-54.*

Chapters in Scholarly Books (textbooks)

1. Artiola, J.F., **K.A. Reynolds**, M.L. Brusseau. 2019. Urban and Household Pollution. *In: R.M. Maier, I.L. Pepper, C.P. Gerba (Eds.). Environmental and Pollution Science. Third Edition. Elsevier, New York, NY.*
2. Verhougstraete, M. J.D. Sexton, **K.A. Reynolds**. 2015. Recreational Water Exposure. *In: J. Bartram. (Ed.). Handbook for Water and Health. EarthScan.*
3. **Reynolds, K.A.** 2008. Indoor air quality. *In: R.M. Maier, I.L. Pepper, C.P. Gerba (Eds.). Environmental and Pollution Science. Second Edition. Academic Press, New York, NY.*
4. **Reynolds, K.A.** 2008. Drinking water Quality and Water Security. *In: R.M. Maier, I.L. Pepper, C.P. Gerba (Eds.). Environmental and Pollution Science. Second Edition. Academic Press, New York, NY.*
5. **Reynolds, K.A.** 2006. Indoor air quality. *In: R.M. Maier, I.L. Pepper, C.P. Gerba (Eds.). Environmental and Pollution Science. Academic Press, New York, NY*
6. **Reynolds, K.A.** 2006. Drinking water Quality and Water Security. *In: R.M. Maier, I.L. Pepper, C.P. Gerba (Eds.). Environmental and Pollution Science. Academic Press, New York, NY.*
7. **Reynolds, K.A.** and I.L. Pepper. 2000. Microorganisms in the Environment. *Environmental Microbiology. (Ed.) R. Miller-Maier. Academic Press, New York, NY.*

Refereed Journal Articles

1. Yoon, J.Y., S. Chung, **K.A. Reynolds**. 2020. Single virus copy level detection of norovirus on paper microfluidic chip with smartphone-based fluorescence microscope. *Nature Protocols. Submitted 11/5/19*
2. Wilson, A.M., M.F. King, M. Weir, J.D. Sexton, R. Canales, G. Kostov, T. Julian, C. Noakes, **K.A. Reynolds**. 2020. Evaluating a transfer gradient assumption in a fomite-mediated microbial transmission model using an experimental and Bayesian approach. *Journal of the Royal Society Interface. Accepted with revisions. 04/20/20*

3. **Reynolds, K.A.**, J.D. Sexton, F. Garavito, B. Anderson, J.M. Ivaska. 2020. Impact of a whole-room hypochlorous acid atomizing disinfection system on healthcare surface contamination, pathogen transfer, and labor efficiency. *American Journal of Infection Control*. *Submitted*. 10/20/19
4. Abdel Shakour, M.A., R.A. Abdel Salam, G.M. Hadad, D.T.A. Youssef, **K.A. Reynolds**. 2020. Monitoring of cyanobacterial toxins in the Suez Canal region's freshwater, Egypt. *Analytical Chemistry Letters*. *Submitted* 9/26/19
5. Verhougstraete, M.P., K. Pogreba-Brown, R. Canales, **K.A. Reynolds**, C. Condé Lamparelli, M. Inês Zanoli Sato, J.N.S. Eisenberg. 2020. A local beach Quantitative Microbial Risk Assessment in Sao Paulo, Brazil and comparison to non-local recreational water quality guidelines. *Water Research*. *In press*. 11/8/19.
6. Malika, N., G. Barbagelatta, M. Penny, **K. Reynolds**, R. Sinclair. 2020. Impact of housing and infrastructure on handwashing in Peru. *International Health*. *Accepted* 01/29/20
7. Contreras, R.D., A. M. Wilson, F. Garavito, J.D. Sexton, **K.A. Reynolds**, R.C. Canales. 2020. Assessing virus infection probability in an office setting using stochastic simulation. *Journal of Occupational & Environmental Hygiene*. 17(1):30-37. <https://doi.org/10.1080/15459624.2019.1691219>
8. Wilson, A.M., B. Escudero-Abarca, L.A. Jaykus, **K.A. Reynolds**, C.P. Gerba. 2019. Comparison of estimated norovirus infection risk reductions for a single fomite contact scenario with residual and non-residual hand sanitizers. *American Journal of Infection Control*. *Epub Online*. <https://doi.org/10.1016/j.ajic.2019.09.010>
9. Wilson, A.M., **K.A. Reynolds**, R.A. Canales. 2019. Estimating the effect of hand hygiene compliance and surface cleaning timing on infection risk reductions with a mathematical modeling approach. *American Journal of Infection Control*. 47(12):1453-1459. <https://doi.org/10.1016/j.ajic.2019.05.023>
10. Ornelas Van Horne, Y., J. Parks, L. Abrell, T. Tran, **K.A. Reynolds**, P. Beamer. 2019. Seasonal variation of water quality in unregulated domestic wells. *International Journal of Environmental Research and Public Health*. 16(19):1569-1583. <https://doi.org/10.3390/ijerph16091569>
11. Hunter, C.M., S. McMullen, L.J. Baddour, **K.A. Reynolds**, D.L. Taren. 2019. Preventing Legionnaires' disease through a new learning opportunity: A training on *Legionella* water management programs. Direct from CDC Environmental Health Services; Advancement of the Practice. *Journal of Environmental Health*. 82(3):44-46
12. Chung, S. L.E. Breshears, S. Perea, C.M. Morrison, W.Q. Betancourt, **K.A. Reynolds**, J.Y. Yoon. 2019. Smartphone-based paper microfluidic particulometry of norovirus from

environmental water samples at single copy level. ACS Omega. 4(6):11180-11188
<http://doi.org/10.1021/acsomega.9b00772>

13. Canales, R.A., A.M. Wilson, R.G. Sinclair, M. Soto-Beltran, J. Pearce-Walker, M. Molina, M. Penny, **K.A. Reynolds**. 2019. Microbial study of household hygiene conditions and associated *Listeria monocytogenes* infection risks for Peruvian Women. Tropical Medicine and International Health. 24(7):899-921
<https://onlinelibrary.wiley.com/doi/10.1111/tmi.13246>
14. Wilson, A.M. **K.A. Reynolds**, M.P. Verhougstraete, R.A. Canales. 2019. Validation of a stochastic discrete event model for predicting virus concentration on nurse hands. Risk Analysis. 39(8): 1812-1824. <http://doi.org/10.1111/risa.13281>
15. Kurgat, E.K., J.D. Sexton, F. Garavito, A. Reynolds, R.D. Contreras, C.P. Gerba, R. Leslie, S. Edmonds-Wilson, **K.A. Reynolds**. 2019. Impact of a hygiene intervention on virus spread in an office building. International Journal of Hygiene and Environmental Health. 222: 479-486. <https://doi.org/10.1016/j.ijheh.2019.01.001>
16. Verhougstraete, M.P., C.P. Gerba, **K.A Reynolds**. 2019. Cost benefits of point-of-use devices to reduce waterborne diseases. Environmental Research. 171: 260-265.
<https://doi.org/10.1016/j.envres.2019.01.016>
17. Canales, R.A., **K.A. Reynolds**, A.M. Wilson, S.L.M. Fankem, M.H. Weir, J.B. Rose, S. Ad-Elmaksoud, C.P. Gerba. 2019. Modeling the role of fomites in a norovirus outbreak. Journal of Occupational and Environmental Hygiene. 16(1):16-26.
<https://doi.org/10.1080/15459624.2018.1531131>
18. Munoz-Gutierrez, K.M., R. A. Canales, **K.A. Reynolds**, M.P. Verhougstraete. 2018. Floor and environmental contamination during glove disposal. Journal of Hospital Infection. 101(3): 347-353. DOI:10.1016/j.jhin.2018.10.015.
19. **Reynolds, K.A.**, J.D. Sexton, T. Pivo, K. Humphrey, R.A. Leslie, C.P. Gerba. 2018. microbial transmission in an outpatient clinic and impact of an intervention with an ethanol-based disinfectant. American Journal of Infection Control. 47(2):128-132.
<https://doi.org/10.1016/j.ajic.2018.06.017>
20. Suppes L.M., K.C. Ernst, L. Abrell, **K.A. Reynolds**. 2018. Validation and standardization of swimming exposure and pool operations questionnaires. International Journal Environmental Research and Public Health. 15(11): 2435.
DOI:10.3390/ijerph15112435.
21. Alshammari, M., **K.A. Reynolds**, M.P. Verhougstraete, M.K. O'Rourke. 2018. Comparison of perceived and observed hand hygiene compliance in healthcare workers in MERS-CoV endemic regions. Healthcare. 6(4):122.
<https://doi.org/10.3390/healthcare6040122>

22. Wilson, A.M. **K.A. Reynolds**, J.D. Sexton, R.A. Canales. 2018. Modeling surface disinfection needs to meet microbial risk reduction targets. *Applied Environmental Microbiology*. 84(18):1-9. DOI:10.1128/AEM.00709-18.
<http://aem.asm.org/content/early/2018/07/03/AEM.00709-18.abstract>
23. Canales, R.A., A.M. Wilson, J. Pearce-Walker, M.P. Verhoughstraete, **K.A. Reynolds**. 2018. Methods for Handling Left-Censored Data in Quantitative Microbial Risk Assessment. *Applied Environmental Microbiology*. *Spotlight paper. 84(20): Supplemental material: <https://doi.org/10.1128/AEM.01203-18>.
24. Sassi, H.P., **K.A. Reynolds**, I.L. Pepper, C.P. Gerba. 2018. Evaluation of Hospital-Grade Disinfectants on Viral Deposition on Surfaces after Toilet Flushing. *American Journal of Infection Control*. 46(5): 507-11. DOI:10.1016/J.AJIC.2017.11.005
25. Lothrop, N., K.R. Bright, J.D. Sexton, J. Pearce-Walker, **K.A. Reynolds**, M.P. Verhoughstraete. 2018. Optimal Strategies for Monitoring Irrigation Water Quality. *Agricultural Water Management*. 199(2018): 86-92. DOI: 10.1016/j.agwat.2017.12.018
26. Klug, K., **K.A. Reynolds**, J.Y. Yoon. 2018. A Capillary Flow Dynamics-Based Sensing Modality for Direct Environmental Pathogen Monitoring. *Chemistry: A European Journal*. DOI: 10.1002/chem.201800085. *Designated a “Hot Paper” indicating referee evaluation reports that article is of great significance as defined by being in the top 20th percentile of positive reviews.
27. Wilson, A.M., K.A. Reynolds, R.A. Canales. 2018. Predicting viral infection risks and optimizing hygiene protocols using a modeling approach. *American Journal of Infection Control*. 46(6): S42-S43. DOI: <https://doi.org/10.1016/j.ajic.2018.04.093>
28. Sexton, J.D., A.M. Wilson, H.P. Sassi, **K.A. Reynolds**. 2017. Tracking and Controlling Soft Surface Contamination in Healthcare Settings. *American Journal of Infection Control*. 46(2018): 39-43. DOI: 10.1016/j.ajic.2017.08.002.
29. Cho, S., T.S. Park, **K.A. Reynolds**, J.Y. Yoon. 2017. Multi-Normalization and Interpolation Protocol to Improve Norovirus Immunoagglutination Assay from Paper Microfluidics with Smartphone Detection. *Society for Laboratory Automation and Screening (SLAS) Technology*. DOI: 10.1177/2472630317724769.
30. Victory, K.R., N.L. Cabrera, D. Larson, **K.A. Reynolds**, J. Latura, C. Thomson, P.I. Beamer. 2017. Comparison of Fluoride Levels in Tap and Bottled Water and Health Risks in a U.S.-Mexico Border Community. *Frontiers in Public Health*, section Public Health Education and Promotion. Online. <https://doi.org/10.3389/fpubh.2017.00087>.
31. **Reynolds, K.A.**, C.P. Gerba. 2017. Quantifying the Impact of Hygiene Interventions. *Household and Personal Care Today*. 12(1): 12-13.
32. Sifuentes, L.Y., S.L.M. Fankem, S. Maxwell, **K.A. Reynolds**, A. Tamimi, C.P. Gerba, D. Koenig. 2017. Use of ATP Readings to Predict a Successful Hygiene Intervention in the

Workplace to Reduce the Spread of Viruses on Fomites. Food and Environmental Virology. 9(1): 14-19. DOI: 10.1007/s12560-016-9256-2.

33. Canales, R.A., **K.A. Reynolds**. 2016. Quantitative Risk Modeling of Healthcare Acquired Infections and Interventions Using Baseline Data and Simple Models. American Journal of Infection Control. 44(2016): S3-S27
34. Suppes, L. M., R.A. Canales, C. P. Gerba, **K.A. Reynolds**. 2016. *Cryptosporidium* Risk from Swimming Pool Exposures. International Journal of Hygiene and Environmental Health. 219(8): 915-919. DOI: 10.1016/j.ijheh.2016.07.001.
35. McCracken K.E., S.V. Angus, **K.A. Reynolds**, J.Y Yoon. 2016. Multimodal Imaging and Lighting Bias Correction for Improved μ PAD-based Water Quality Monitoring via Smartphones. Scientific Reports. 10(6): 27529. DOI: 10.1038/srep27529.
36. **Reynolds, K.A.**, P.I. Beamer, K.R. Plotkin, L.Y. Sifuentes, D.W. Koenig, C.P. Gerba. 2016. The Healthy Workplace Project: Reduced Viral Exposure in an Office Setting. Archives of Environmental and Occupational Health. 71(3): 157-162 DOI: 10.1080/19338244.2015.1058234: <http://dx.doi.org/10.1080/19338244.2015.1058234>.
37. Verhougstraete, M., **K.A. Reynolds**. 2016. Use of a Portable Air Disinfecting System to Remove Seeded Coliphage in Hospital Rooms. American Journal of Infection Control. 44(2016): 714-715. DOI: 10.1016/j.ajic.2015.12.025.
38. Valdez, M.K., J.D. Sexton, E. A. Lutz, **K.A. Reynolds**. 2015. Spread of Infectious Microbes During Emergency Medical Response. American Journal of Infection Control. 43(6): 606-611. <https://doi.org/10.1016/j.ajic.2015.02.025>
39. Lopez, G.U., M. Kitajima, S.P. Sherchan, J.D. Sexton, C.P. Gerba, **K.A. Reynolds**. 2015. Impact of Disinfectant Wipes on the Risk of *Campylobacter jejuni* Infection During Raw Chicken Preparation in Domestic Kitchens. Journal of Applied Microbiology. 119(1): 245-252. DOI: 10.1111/jam.12834.
40. Sassi, H.P., L.Y. Sifuentes, D.W. Koenig, E. Nichols, J. Clark-Greuel, L.F. Wong, K. McGrath, C.P. Gerba, **K.A. Reynolds**. 2015. Control of the Spread of Viruses in a Long Term Care Facility Using Hygiene Protocols. American Journal of Infection Control. 43(7):702-706. DOI: 10.1016/j.ajic.2015.03.012.
41. Beamer, P.I., Plotkin, K.R., C.P. Gerba, L.Y. Sifuentes, D.W. Koenig, **K.A. Reynolds**. 2014. Modeling of Human Viruses on Hands and Risk of Infection in an Office Workplace using Micro-Activity Data. Journal of Occupational and Environmental Hygiene. 12(4): 266-275. DOI: 10.1080/15459624.2014.974808
42. Sifuentes L.Y., D.W. Koenig, **K.A. Reynolds**, C.P. Gerba. 2014. Use of Hygiene Protocols to Control the Spread of Viruses in a Hotel. Food and Environmental Virology. 6(3):175-181. DOI: 10.1007/s12560-014-9158-0.

43. Lopez, G.U., M. Kitajima, A. Havas, C.P. Gerba, **K.A. Reynolds**. 2014. Evaluation of a Disinfectant Wipe Intervention on Fomite-to-Finger Microbial Transfer. *Applied Environmental Microbiology*. 80(10):3113-3118. DOI: 10.1128/AEM.04235-13
44. Suppes L.M., **K.A. Reynolds**. 2014. Swimmer Recall on a Recreational Waterborne Illness Outbreak Questionnaire. *Microchemical Journal*, 112(1): 150-152
45. Suppes L.M., L. Abrell, A.P. Dufour, C.P. Gerba, **K.A. Reynolds**. 2014. Assessment of Swimmer Behaviors on Pool Water Ingestion. *Journal of Water and Health*. 12(2): 269-279.
46. Soto Beltran, M., K.D. Mena, C.P. Gerba, P. Tarwater, **K.A. Reynolds**, C. Chaidez. 2013. Risk Assessment of *Listeria monocytogenes* in Queso Fresco in Culiacan, Mexico. *Journal of Microbiology Research*. 3(3): 111-116.
47. **Reynolds, K.A.**, S. Boone, K.L. Bright, C.P. Gerba. 2012. Occurrence of Household Mold and Efficacy of Sodium Hypochlorite Disinfectant. *Journal of Occupational and Environmental Hygiene*. 9(11): 663-669.
48. **Reynolds, K.A.**, G.D. Giovanni, K.D. Mena. 2012. *Cryptosporidium* and *Giardia* Zoonoses: Minimizing Health Risks from Animal Production. CAB Reviews: Perspectives in Animal Science and Veterinary Medicine, Nutrition and Food Science. 7(8): 1-7.
49. Nordstrom, J., **K.A. Reynolds**, C.P. Gerba. 2012. Comparison of Bacteria on New, Disposable, Laundered and Unlaundered Hospital Scrubs. *American Journal of Infection Control*. 40(6): 539-543.
50. Lee-Montiel, F.T., **K.A. Reynolds**, M.R. Riley. 2011. A Novel Detection Scheme for Poliovirus FTIR Spectroscopy and Cell Culture. *Journal of Biological Engineering*, 5(16): 1754-1611.
51. Mahalanabis, M., **K.A. Reynolds**, I.L. Pepper, C.P. Gerba. 2010. Comparison of Multiple Passage Integrated Cell Culture-PCR and Cytopathogenic Effects in Cell Culture for the Assessment of Poliovirus Survival in Water. *Journal of Food and Environmental Virology*. 2(4):225-230.
52. Yang, Z., M.K. Fah, **K.A. Reynolds**, J.D. Sexton, M.R. Riley, M. Anne, B. Bureau, P. Lucas. 2010. Opto-Electrophoretic Detection of Bio-Molecules using Conducting Chalcogenide Glass Sensors. *Optics Express*. 18(25): 26754-26759.
53. Sexton, J.S., **K.A. Reynolds**. 2010. Exposure of Emergency Medical Responders to Methicillin-Resistant *Staphylococcus aureus* (MRSA). *American Journal of Infection Control*. 38(5):368-373. <https://doi.org/10.1016/j.ajic.2010.01.004>

54. Vargas, C.A., A.A. Wilhelm, J. Williams, M.R. Riley, **K.A. Reynolds**, P. Lucas. 2009. Integrated Capture and Spectroscopic Detection of Viruses. *Applied Environmental Microbiology*. 75(20): 6431-6440.
55. Peate, W., Sexton, J., **Reynolds, K.** Nied, E. 2009. Methicillin-resistant *Staphylococcus aureus* (MRSA) in fire facilities: a guide for firefighter management. *International Fire Service Journal of Leadership and Management*. 3(2): 13-17 (plus appendices).
56. Andrade, C.A., S. Champagne, D. Caruso, K. Foster, **K.A. Reynolds**. 2009. Methicillin-resistant *Staphylococcus aureus*: An assessment of environmental contamination in a burn center. *American Journal of Infection Control* 37(6): 515-517.
57. Miles, S., C.P. Gerba, I.L. Pepper, **K.A. Reynolds**. 2009. Point-Of-Use Drinking Water Devices for Assessing Microbial Contamination in Finished Water and Distribution Systems. *Environmental Science and Technology*. 43(5):1425-1429.
58. **Reynolds, K.A.**, K.D. Mena, C.P. Gerba. 2008. Risk of Waterborne Illness via Drinking Water in the United States. *Reviews in Environmental Contamination and Toxicology*. Vol. 192(4):117-158.
59. Wilhelm, A.A., P. Lucas, **K.A. Reynolds**, M.R. Riley. 2008. Integrated Capture and Spectroscopic Detection of Viruses in an Aqueous Environment. *Optical Fibers and Sensors for Medical Diagnostics and Treatment Applications*. Vol. 6852, 68520K-1.
60. **Reynolds, K.A.**, P. Watt, C.P. Gerba. 2005. Occurrence of Bacteria and Biochemical Markers on Public Surfaces. *Journal of Environmental Health Research*. 15(3): 225-234.
61. Tanner, B.D., S. Kuwahara, C. P. Gerba, and **K. A. Reynolds**. 2004. Evaluation of Electrochemically Generated Ozone for the Disinfection of Water and Wastewater. *Water Science and Technology*. 50(1):19-25.
62. **Reynolds, K.A.**, C.P. Gerba, M. Abbaszadegan, I.L. Pepper. 2001. ICC/PCR Detection of Enteroviruses and Hepatitis A Virus in Environmental Samples. *Canadian Journal of Microbiology*. 47(3): 153-157.
63. Blackmer, F., **K.A. Reynolds**, C.P. Gerba, I.L. Pepper. 2000. Use of Integrated Cell Culture-PCR to Evaluate the Effectiveness of Poliovirus Inactivation by Chlorine. *Applied Environmental Microbiology*. 66(5) 2267-2268.
64. **Reynolds, K.A.** 1998. Reducing Occupational Risks of Microbial Contaminants in Water. *Water Conditioning and Purification International*. 41(4): 60-65.
65. **Reynolds, K.A.**, K. Roll, R.S. Fujioka, C.P. Gerba, I.L. Pepper. 1998. *Incidence of Enteroviruses in Mamala Bay, Hawaii using Cell Culture and Direct PCR Methodologies. *Canadian Journal of Microbiology*. 44(6):598-604.

66. **Reynolds, K.A.** 1997. New Methods for Human Virus Detection: A New Approach for "Real-Time" Monitoring. *Water Conditioning and Purification International*. 39(6): 70-73.
67. **Reynolds, K.A.**, C.P. Gerba, I.L. Pepper. *Rapid PCR Based Monitoring of Infectious Enteroviruses in Drinking Water. 1997. *Water Science and Technology*. Vol. 35, no. 11-12, pp. 423-427.
68. **Reynolds, K.A.**, C.P. Gerba, I.L. Pepper. 1996. *Detection of Infectious Enteroviruses Using an Integrated Cell Culture/PCR Procedure. *Applied and Environmental Microbiology*. (62) 4, pp. 1424-1427.
69. **Reynolds, K.A.**, C.P. Gerba, I.L. Pepper. 1995. *Detection of Enteroviruses in Marine Waters by Direct RT-PCR and Cell Culture. *Water Science and Technology*. (31) 5-6, pp. 323-328.
70. Johnson, D.C., **K.A. Reynolds**, C.P. Gerba, I.L. Pepper, J.B. Rose. 1995. *Detection of *Giardia* and *Cryptosporidium* in Marine Waters. *Water Science and Technology*. (31) 5-6, pp. 439-442.
71. **Reynolds, K.A.**, J.B. Rose, A.T. Giordano. 1993. *Comparison of Methods for the Recovery and Quantitation of Coliphage and Indigenous Bacteriophage from Marine Waters and Sediments. *Water Science and Technology*. (27) 3-4, pp. 115-117.
72. **Reynolds, K.A.**, and J.B. Rose. 1991. *New Approaches for the Detection of Human Enteric Viruses in Shellfish and Harvesting Waters. *Florida Journal of Public Health*. Vol. 3, No. 3, pp. 29-37.

Published Professional Reports

- Sexton, J.D. K. Humphrey, R.A. Leslie, C.P. Gerba, K.A. Reynolds. Effects of Disinfection on the Spread of Virus in an Outpatient Clinic. *American Journal of Infection Control: Oral Abstracts*. 45(2017) S2-15.
- Chung, S., L.E. Breshears, S. Cho, **K.A. Reynolds**, J.Y. Yoon. 2017. Rapid and Reliable Norovirus Assay at pg/mL level using Smartphone-Based Fluorescence Microscope and a Microfluidic Paper Analytic Device. *American Society of Agricultural and Biological Engineers*. ASABE. DOI: 10.13031/aim.201701234.
- McCracken, K.E., T. Tat, V. Paz, K.A. Reynolds, J.Y. Yoon. 2017. Immunoagglutinated Particle Rheology Sensing on a Microfluidic Paper-Based Analytical Device for Pathogen Detection. *American Society of Agricultural and Biological Engineers*. ASABE. DOI: 10.13031/aim.201701190.
- Reynolds, K.A.**, J. Sexton, T. Pivo, R. Leslie, A. Tamimi, C.P. Gerba. The Dynamics of Microbe Spread via Hands and Fomites throughout an Outpatient Clinic. *Open Forum Infectious Diseases*. 2016: 1(Suppl 1) 53:273.

Verhougstraete, M.P. and **K.A. Reynolds**. Cost-Benefit of Point-of-Use Devices in Reduction of Health Risks from Drinking Water. Water Quality Association Research Foundation. July 2016

Reynolds, K.A. Boil Water Notices in the United States- 2012-2014. Water Quality Association Research Foundation. 2016

Reynolds, K.A. How to Beat Bacteria Living on Your Facility's Soft Surfaces. Cleaning & Maintenance Management magazine. February 2014.

American Academy of Microbiology. Microbes in Pipes: The Microbiology of Water Distribution Systems. A report on an American Academy of Microbiology Colloquium. April 2012. Boulder, CO. (Invited contributor/reviewer).

Highsmith, A., **K.A. Reynolds**, C. Bouma. *E. coli* Criteria Document. Prepared for the Health and Ecological Criteria Division, Office of Science and Technology, EPA Office of Water. June 26, 2001. (Scholarly book/review).

Reynolds, K.A. C.P. Gerba, M. Abbaszadegan, I.L. Pepper. 2001. Rapid PCR-Based Monitoring of Infectious Enteroviruses in Drinking Water. AWWA Research Foundation, American Water Works Association. (Original research publication).

Reynolds, K.A., M. Abbaszadegan, C.P. Gerba, I.L. Pepper. 1997. Rapid ICC/PCR Detection of Enteroviruses and Hepatitis A Viruses in Water. Proceedings of the WQTC 1997 (available on cd rom). (Original research publication)

Martin, K., **K.A. Reynolds**. 1997. Rapid PCR-Based Monitoring of Infectious Enteroviruses in Drinking Water. Drinking-Water Research. 7(3): p. 6

Other Scholarly Articles

Reynolds, K.A. "UV in Swimming Pools and Water Parks". Water Conditioning and Purification International. Letters to the Editor. July 2010. 53(7):12.

Roberts, M.C., J.S. Meschke, O.O. Soge, **K.A. Reynolds**. "Comment on MRSA Studies in High School Wrestling and Athletic Training Facilities". Journal of Environmental Health. Letters to the Editor. May 2010. 72(9): 48-49.

Reynolds, K. 2004. How does bleach kill mold? McGraw Hill Encyclopedia of Science and Technology. Access Science. September 26, 2004. McGraw Hill Education.
www.accessscience.com/server-java/ArknoId/science/AS/QA//50/4918.html

Reynolds, K.A. Series of review articles published monthly in Water Conditioning and Purification International. Trade journal articles peer-reviewed by a Technical Advisory Committee. From November 2009- present articles have also been translated to Spanish and published in Agua Latinoamérica. Original articles (n=261) published from 1997-present (since 2006):

- Preparedness Needs to Mitigate Inevitable Global Disease Outbreaks. 2020. 62(1):38-40
- How Do I Know if My Water is Safe? 2019. 61(12):38-40
- The Uncertain Risk of Pyrethrin Exposures. 2019. 61(11):38-40
- Using a Smartphone to Monitor Water Quality. 2019. 61(10):38-40
- From Exposure to Illness: What Happens if You Drink Contaminated Water. 2019. 61(9):42-44
- The Basics of Healthy Swimming. 2019. 61(8):38-40
- Microplastics in Drinking Water. 2019. 61(7):42-44
- The Nexus between Tap Water and Healthcare Acquired Infections. 2019. 61(6):38-40
- A New Online Training Program: Preventing Legionnaires' Disease. 2019. 61(5):38-40
- Risk Management Strategies to Reduce Waterborne Disease. 2019. 61(4):52-54
- Drinking-Water, Downpours, and Disease. 2019. 61(3):56-58
- Salivirus: New Hazard Found in Water Associated with Human Illness. 2019. 61(2):46-48
- The Future of Water Quality and Sustainability. 2019. 61(1):40-42
- POU Devices for Risk Mitigation. 2018. 60(12):44-46
- New Studies Confirm Dangerously High Arsenic Exposures from Drinking Water. 2018. 60(11):40-42
- Developing Predictive Models to Quantify Future POU Needs and Benefits. 2018. 60(10):48-50
- Finished Water Storage and Quality Concerns. 2018. 60(9):44-46
- Ozone: Changing the Landscape of Waterborne Outbreaks. 2018. 60(8):40-42
- Potable Water Reuse: Balancing Health and Sustainability. 2018. 60(7):40-42
- New Laws Provide Benefits to Camp Lejeune Veterans Following Past Exposures to Drinking Water Contaminants. 2018. 60(6):40-42
- A One Health Approach to Safe Drinking Water. 2018. 60(5):44-46
- Disparities in Drinking Water. 2018. 60(4):36-38
- Wildfires and Water Quality. 2018. 60(3):60-62
- The Growing Raw Water Trend: Healthy Innovation or Deadly Practice? 2018. 60(2):56-58
- Hepatitis A: Emerging Illness and Potential Waterborne Routes. 2018. 60(1):36-38
- Recent Increase in Documented US Waterborne Disease Outbreaks. 2017. 59(12): 46-48
- Assessment of Waterborne Leptosporosis Infections. 2017. 59(11): 48-50
- Growing Global Acceptance of Potable Reuse Water. 2017. 59(10): 44-46

- Decreased Sperm Counts Associated with Waterborne Contaminants in the Developed World. 2017. 59(9):52-54
- Controlling Disinfection Byproducts in Swimming Pools. 2017. 59(8): 40-42
- Effective Immediately: Healthcare Facilities Required to Reduce Legionellosis Risks from Tap Water. 2017. 59(7): 54-56
- Summer Rains Increase Risk of Human Viruses in Groundwater. 2017. 59(6):52-54
- Internet Queries Help Track Waterborne Disease. 2017. 59(5):44-46
- Uncertain Effects of PFOA and PFOS. 2017. 59(4):44-46
- Household POU Filters: Sentinels for Long-term Tap Water Quality Monitoring. 2017. 59(3):62-64
- Prevalent Pepper Virus: A Contamination Tracker. 2017. 59(2):56-58
- POU Filtration: A Water Safety Plan Essential. 2017. 59(1): 6-38
- Arsenic in Private Wells: An Under-recognized Hazard. 2016. 58(12):48-50
- Understanding the Impact of Fracking on Drinking Water Quality. 2016. 58(11):48-51
- POU Devices Key for Reducing Illness and Death in Less Developed Countries. 2016. 58(10): 52-53
- Should We Implement a ‘Safe Breathing Water Act’? 2016. 58(8):52-54
- The Rise of Legionella. 2016. 58(7):50-52
- Elizabethkingia: A Deadly and Emerging Pathogen Potentially Linked to Water. 2016. 58(5):48-50
- Can We Rid Our Drinking Water Supply of Lead? 2016. 58(4):40-41
- Water Sampling Differences Lead to Flawed Risk Assessments. 2016. 58(3):56-58
- Corrosive Conditions- How this Common Issue Impacts Public Health. 2016. 58(2):62-64
- New Tools for Assessing Groundwater Risks. 2015. 57(12):48-50
- Drinking-Water Disinfection: Options and Hazard Management. 2015. 57(11):46-49
- Methadone Creates Harmful Byproducts in Treated Drinking Water. 2015. 57(10):54-56
- Deadly Legionella: Commonly Found in U.S. Water Systems. 2015. 57(9):46-49
- Warmer Waters Heighten Toxic Algae Production. 2015. 57(8):40-43
- POU Water Filtration Saving Lives in California. 2015. 57(7):58-60
- POU Prevention of Healthcare Acquired Waterborne Infections. 2015. 57(6):58-60
- Why a POU device? 57(5):44-46
- Industrial Waste Risk and Management in Drinking Water Sources. 2015. 57(4):42-44
- Celebration of the Safe Drinking Water Act’s 40th Anniversary and Recognition of the Challenges Ahead. 2015. 57(3):62-64

- Human Perception is a Failed Indicator of Water Quality Concern. 2015. 57(2):66-68
- Graywater: Reuse and Risks Revisited. 2015. 57(1):48-50
- Sewage Overflows Impact US Cities/Public Health. 2014. 56(12):48-50
- Is Ebola a Waterborne Virus? 2014. 56(11):46-48
- Waterborne Contaminants and Increasing Incidence of Irritable Bowel Syndrome. 2014. 56(10):54-56
- Guidance for the POU Industry: AWWA's State of the Water Industry Report. 2014. 56(9):52-54
- Threat Assessment of Free-Living Amoeba in Drinking Water. 2014. 56(8): 4-46
- Health Risks Associated with Cross-connections in Drinking Water Supply. 2014. 56(7):50-52
- Urgent Threats from Antibiotic-Resistant Organisms. 2014. 56(6):48-50
- New Waterborne Risks: A Case Study of West Virginia's Chemical Spill. 2014.56(5): 50-53
- Enterovirus 68 and the Recent Emergence of a Polio-Like Syndrome. 2014. 56(4):50-52
- Do You Know Where Your Phthalates Are? 2014. 56(3):66-68
- Water-based Virus May Cause Rheumatoid Arthritis. 2014. 56(2):58-62
- Major U.S. Cities Running Out of Water. 2014. 6(1):44-46
- Deadly *Legionella*: Commonly Found in U.S. Water Systems. 2013. 55(12):52-56
- U.S. Public Water Supplies: First Positive Confirmations of Deadly Amoeba. 2013. 55(11):58-60
- Newly Released Review on Drinking Water Outbreak Causes. 2013. 55(10):62-64
- Boil Water Orders Abound in the U.S. 2013. 55(9):52-54
- An Ongoing Cyclospora Outbreak in the U.S.- Source Currently Unknown. 2013. 55(8):44-46
- Hitting a Moving Target: Regulation of 1, 4-Dioxane in Drinking Water. 2013. 55(7):52-54
- Exploring Nanosponge Technologies for Water Treatment. 2013. 55(6):48-49
- The Chromium VI Calamity. 2013. 55(5):48-50
- Evidence of Drug-Resistant Bacteria in Water. 2013. 55(4): 52-54
- Recognized Health Burdens Drive Drinking Water Regulation Revisions. 2013.55(3):68-70
- No Ticket Needed: Dust Plumes Carry Microbes Around the Globe. 2013. 55(2): 58-60
- Aichi Virus: Possible Agent of Unexplained Cases of Waterborne Diarrhea. 2013. 55(1):40-42
- The Potential for Waterborne Spread of MRSA. 2012. 54(12):52-54

- Microbial Battles in the Environment: How Competitive Pressure Shapes Microbial Ecology. 2012. 54(11):46-48
- Exposure to Brain-Eating Ameoba in Tap Water: A Warning to Neti Pot Users. 2012. 54(10):54-56
- Domestic Well Water Quality Survey. 2012. 54(9):58-61
- Water Quality Monitoring: How to Miss an Outbreak. 2012. 54(8):50-52
- The Price of Drinking Water. 2012. 54(7):50-52
- The Scientist in Your Backyard. 2012. 54(6):46-50
- Waterborne Pathogens: Emerging Issues in Monitoring, Treatment, and Control, Part 3. 2012. 54(5):58-60
- Waterborne Pathogens: Emerging Issues in Monitoring, Treatment, and Control, Part 2. 2012. 54(4):44-46
- Waterborne Pathogens: Emerging Issues in Monitoring, Treatment, and Control, Part 1. 2012. 54(3):60-64
- Water: What We Worry About Most. 2012. 54(2):78-80
- Viruses and Cancer: Potential for Waterborne Transmission. 2012. 54(1):54-57
- Ultraviolet Light-Resistant Viruses Revealed. 2011. 53(12):54-56
- An Emerging and Deadly Waterborne Virus: Human Enterovirus 68. 2011. 53(11):52-54
- Patterns of Persistence in Waterborne Winter Vomiting Disease. 2011. 53(10):74-76
- Surveillance Networks—Improving the National Waterborne Disease Database. 2011. 53(9):48-50
- Amphetamines and Arsenic: Use of Biomonitoring in Exposure Assessment. 2011. 53(8):52-54
- Germany's *E. coli* Outbreak and Water Quality Protection Needs. 2011. 53(7):50-52
- Keeping Up with Water Reuse at the Point-of-Use. 2011. 53(6):52-54
- Trade-Offs to Pandemic Disease Treatment: Impact of Increased Use of Medicines and Water Quality. 2011. 53(5):60-64
- State Budget Cuts and Drinking Water Quality Impacts. 2011. 53(4): 2-54
- Comprehensive Review on the Causes of Waterborne Outbreaks. 2011. 53(3):58-60
- Water Quality and Acceptable Risk: Are We Safe Enough? 2011. 53(2):84-86
- New Information on Waterborne *Cryptosporidium* and the Role of Biofilms. 2011. 53(1):46-48
- Common Drinking Water Contaminant Linked to Intellectual Impairment in Children. 2010. 52(11):60-62
- Myths and Mysteries of Gut Flora, Acquired Immunity and Human Disease. 2010. 52(10):72-74

- Sex and Microbes--How Promiscuous Pathogens Promote Human Disease. 2010. 52(9):62-64
- A New Vision for Drinking Water Protection. 2010. 52(8):58-60
- Novel Study Improves Toxicity Analysis of Disinfection Byproducts in Drinking Water. 2010. 52(7):66-69
- Mysterious Microbe in Water Challenges the Very Definition of a Virus. 2010. 52(6):56-58
- 'Infectobesity'--Can Waterborne Viruses Cause Excessive Weight Gain? 2010. 52(5):66-67
- New Source Water Links to Increasing Norovirus Infections. 2010. 52(4):48-50
- Evidence of Novel Waterborne Parechoviruses Associated with US Infant Deaths. 2010. 52(3):70-72
- *Clostridium difficile* Bacteria Fountains--the Potential Problem with Vended Drinks. 2010. 2010. 52(2):84-86
- Consumer Confidence Wanes as US Drinking Water Quality Takes a Hit in the Headlines. 2010. 52(1):58-59
- Increased Risks in the Elderly from Tap Water Consumption. 2009. 51(12):56-58
- Please Don't Poop in the Pool. 2009. 51(11):62-64
- Situation *Aeromonas*. 2009. 51(10):56-58
- Water Quality Impact on World Health Improvement Goals. 2009. 51(9):60-63
- APHA Explores the Public Health Challenge of Water. 51(8):62-63
- Co-Contaminant Calamities: Arsenic and Influenza. 2009. 51(7):66-67
- Jumping the Species Barrier: How Animal Pathogens Invade Human Hosts. 2009. 51(6):64-66
- *Clostridium difficile* Infections: An Emerging Epidemic. 2009. 51(5):60-62
- Recreational Waterborne Disease at an All-Time High. 2009. 51(4):56-58
- Populations at Risk from Private Water Supplies. 2009. 51(3):78-79
- The Science of Disease Eradication. 2009. 51(2):102-103
- WHO's Updated Guidelines for Drinking Water Quality. 2009. 51(1):60-63
- What does *E. coli* in Water Really Mean? 2008. 50(12):70-73
- New Clues in Understanding Biofilm Formation. 2008. 50(11):78-80
- Arsenic and Diabetes: Significance of Drinking Water Exposures. 2008. 50(10):86-88
- Bisphenol A: Health Risk or Media Hype? 2008. 50(9):90-94
- POE/POU: A Benefit for Small Community Water Treatment. 2008. 50(8):70-72
- Public Reaction to Boil Water Notices in the United States. 2008. 50(7):84-87
- *Salmonella*: A State of Emergency. 2008. 50(6):72-75

- A Warning for Contact Lens Wearers: Waterborne Amoeba Can Cause Blindness. 2008. 50(5):72-74
- Concern of Pharmaceuticals in Drinking Water. 2008. 50(4):72-74
- Estimating Consequences of Toxic Water Exposures. 2008. 50(3):110-111
- NDMA: An Emerging Waterborne Contaminant. 2008. 50(2):112-114
- Preventing Hepatitis A Infections—A Multibarrier Approach to Success. 2008. 50(1):66-68
- Water Quality Monitoring—Lessons from the Developing World. 2007. 49(12):66-68
- Harmful Water-Based Amoeba in the News Again. 2007. 49(11):74-76
- New Website Provides Essential Drinking Water Information. 2007. 49(10):90-92
- Eliminating the Fiery Serpent *Dracunculus medinensis*. 2007. 49(9):106-108
- *Legionella* Disease Transmission and the Role of Potable Water Systems. 2007. 49(8):64-66
- The Role of Reverse Osmosis in Reducing Arsenic Exposures. 2007. 49(7):80-82
- Immigration and Infectious Disease: Increases in Neurocysticercosis. 2007. 49(6):78-80
- A New Tool for Tracking the Public Health Impact of Drinking Water. 2007. 49(5):72-75
- Water Quality and Acceptable Risk: Are We Safe Enough? 2007. 49(4):72-74
- Vulnerabilities of the Drinking Water Distribution System. 2007. 49(3):108-110
- Premise Plumbing Risks. 2007. 49(2):112-114
- Groundwater Disinfection Rule: Part II. 2007. 49(17):62-64
- Groundwater Disinfection Rule: Part I. 2006. 48(12):66-68
- *E. coli* Outbreak in Spinach: A Possible Waterborne Route. 2006. 48(11):64-65
- Size Matters: If You're a Microbe. 2006. 48(10):88-90
- Coliphage: A Better Water Quality Indicator. 2006. 48(9):100-105
- Pregnancy and DPBs: A Research Update. 2006. 48(8):74-76
- Tap Water and Bladder Cancer. 2006. 48(7):82-84
- Avian Influenza and the Waterborne Route. 2006. 48(6):70-74
- Hazard Identification. 2006. 48(5):62-64
- POU Water Treatment: Saving Lives in the Developing World. 2006. 48(4):64-66
- Justifying the Need for Point-Of-Use Water Treatment. 2006. 48(3):98-100
- Emerging Waterborne Pathogens. 2006. 48(2):104-106
- Newly Identified Tap Water Sources of Pathogenic Amoeba. 2006. 48(1):58-60

Reynolds, K.A. Series of review articles published in Agua Latinoamérica. Trade journal articles peer reviewed by a Technical Advisory Committee. Articles (n=135) translated and published quarterly from 2001-2009 in print and monthly since 2010 online (2014-2019):

- La Preparación tiene que Mitigar los Brotes Inevitables de Enfermedades a Nivel Mundial. January 2020
- El Riesgo Incierto de las Exposiciones a las Piretrinas. November 2019
- De la Exposición a la Enfermedad: ¿Qué Pasa Si Usted Bebe Agua Contaminada? September 2019
- Microplásticos en el Agua Potable. July 2019
- Un Nuevo Programa de Capacitación en Línea: Prevención de la Enfermedad del Legionario. May 2019
- Agua Potable, Aguaceros y Enfermedades. March 2019
- El Futuro de la Calidad del Agua y la Sostenibilidad. January 2019
- Hepatitis A: Enfermedad Emergente y Rutas Potenciales de Transmisión a través del Agua. [Hepatitis A: Emerging Disease and Potential Transmission Routes through Water] January 2018
- Recuentos Menores de Espermatozoides Asociados con Contaminantes Propagados a través del Agua en el Mundo Desarrollado. [Decreased Sperm Counts Associated with Waterborne Contaminants in the Developed World] September 2017
- Controlando los Subproductos de la Desinfección en las Piscinas. [Controlling DBPs in Swimming Pools] August 2017
- Con Vigencia Inmediata: Se Requiere que los Establecimientos de Cuidado de Salud Reduzcan los Riesgos de Contraer Legionellosis del Agua de la Llave [Effective Immediately: Healthcare Facilities Required to Reduce Tap] July 2017
- Lluvias de Verano Aumentan el Riesgo de Virus Humanos en el Agua Subterránea [Summer Rains Increase Risk of Human Viruses in Groundwater] June 2017
- Búsquedas de Internet Ayudan a Seguir la Pista de las Enfermedades Transmitidas por el Agua [Internet Queries Help Track Waterborne Disease] May 2017
- Efectos Inciertos del PFOA y PFOS [Uncertain Effects of PFOA and PFOS] April 2017
- Filtros de Punto de Uso para el Hogar: Centinelas para el Monitoreo a Largo Plazo del Agua de la Llave [Household POU Filters: Sentinels for Long-term Tap Water Quality Monitoring] March 2017
- Virus Prevalente del Chile: Un Marcador de la Contaminación [Prevalent Pepper Virus: A Contamination Tracker] February 2017
- Filtración en el Punto de Uso: Algo Esencial para un Plan de Seguridad del Agua [POU Filtration: A Water Safety Plan Essential] January 2017
- Arsénico en Pozos Privados: Un Peligro Poco Reconocido [Arsenic in Private Wells: An Under-recognized Hazard] December 2016

- Comprendiendo el Impacto de la Fracturación Hidráulica “Fracking” en la Calidad del Agua Potable [Understanding the Impact of Fracking on Drinking Water Quality] November 2016
- Dispositivos de PDU Esenciales para Reducir Enfermedades y Mortalidad en Países Menos Desarrollados [POU Devices Key for Reducing Illness and Death] October 2016
- ¿Debiéramos Implementar una ‘Ley de Agua Segura para Respirar?’ [Should We Implement a ‘Safe Breathing Water Act?’] September 2016
- Eliminando el Cloro Residual del Agua de la Llave [Eliminating Chlorine Residuals from Tap Water] August 2016
- El aumento de la *Legionella* [The Rise of *Legionella*] July 2016
- Problemas de Agua Potable Preocupan a los Estadounidenses [Drinking water problems concerning Americans] June 2016
- *Elizabethkingia*: Un Patógeno Mortal y Emergente Potencialmente Vinculado al Agua [Elizabethkingia: A deadly and emerging pathogen potentially linked to water] May 2016
- Nosotros podemos librar a nuestro abastecimiento de agua potable de plomo? [Can We Rid Our Drinking Water Supply of Lead?] April 2016
- Las Diferencias en los Muestreos del Agua Generan Análisis de Riesgos Deficientes [Water sampling differences lead to flawed risk assessments] March 2016
- Condiciones Corrosivas—Cómo Afecta a la Salud Pública Este Problema tan Común [Corrosive Conditions- How this Common Issue Impacts Public Health.] February 2016
- Asuntos de Agua: Inquietudes Globales y Asuntos Globales [Water Issues: Global Concerns and Global Issues] January 2016
- Nuevas Herramientas para Evaluar los Riesgos del Agua Subterránea [New tools for assessing groundwater risks] December 2015
- Desinfección del Agua Potable: Opciones y Gestión de Peligros [Drinking Water Disinfection: Options and Hazard Management] November 2015
- La Metadona Crea Subproductos Dañinos en el Agua Potable Tratada [Methadone Creates Harmful Byproducts in Treated Drinking Water] October 2015
- *Legionella* Un Peligro Formidable Propagado a través del Agua [Legionella: A Formidable Danger Spread Through Water] September 2015
- Las Aguas más Tibias Aumentan la Producción de Algas Tóxicas [Warmer Waters Heighten Toxic Algae Production] August 2015
- La Filtración del Agua en el PDU Salva Vidas en California [POU Water Filtration Saving Lives in California] July 2015
- Prevención en el Punto de Uso de Infecciones Contraídas a través del Agua durante el Cuidado de la Salud [POU Prevention of Healthcare Acquired Waterborne Infections] June 2015
- ¿Por qué Utilizar un Dispositivo de PDU? [Why use a POU device] May 2015

- Riesgo y Gestión de Residuos Industriales en las Fuentes de Agua Potable [Industrial Waste Risk and Management in Drinking Water Sources] April 2015
- Celebrando el 40mo Aniversario del Acta del Agua Potable Segura y Reconocimiento de los Retos Futuros [Celebration of the Safe Drinking Water Act's 40th Anniversary and Recognition of the Challenges Ahead] March 2015
- La percepción Humana es un Mal Indicador de la Preocupación por la Calidad del Agua [Human Perception is a Failed Indicator of Water Quality Concern] February 2015
- Aguas Grises: Un Repaso de su Reutilización y Riesgos [Graywater: Reuse and Risks Revisited] January 2015
- Flujos Excesivos de Aguas Cloacales Impactan Ciudades de EEUU/Salud Pública [Sewage Overflows Impact US Cities/Public Health] December 2014
- ¿Es el Ébola un Virus Propagado por el Agua? [Is Ebola a Waterborne Virus?] November 2014
- Contaminantes Propagados a través del Agua y Aumento en la Incidencia del Síndrome de Intestino Irritable [Waterborne Contaminants and Increasing Incidence of Irritable Bowel Syndrome] October 2014
- Guía para la Industria del Punto de Uso: Informe de la AWWA sobre el Estado de la Industria del Agua [Guidance for the POU Industry: AWWA's State of the Water Industry Report] September 2014
- Evaluación de la Amenaza de Amebas de Vida Libre en el Agua Potable [Threat Assessment of Free-Living Amoeba in Drinking Water] August 2014
- Riesgos a la Salud Asociados con las Conexiones Transversales en el Suministro de Agua Potable [Health Risks Associated with Cross-connections in Drinking Water Supply] July 2014
- Amenazas Urgentes de Organismos Resistentes a los Antibióticos [Urgent Threats from Antibiotic-Resistant Organisms] June 2014
- Nuevos Riesgos de Propagación a través del Agua: Un Estudio del caso del Derrame Químico de Virginia Occidental [New Waterborne Risks: A Case Study of West Virginia's Chemical Spill] May 2014
- Enterovirus 68 el Reciente Surgimiento de un Síndrome Parecido al Polio [Enterovirus 68 and the Recent Emergence of a Polio-Like Syndrome] April 2014
- ¿Sabe Dónde Están Sus Ftalatos? [Do You Know Where Your Phthalates Are?] March 2014
- Virus Basado en el Agua Podría Causar Artritis Reumatoide [Water-based Virus May Cause Rheumatoid Arthritis] February 2014
- Las Ciudades Principales de los EEUU Están Quedándose sin Agua [Major US Cities Running Out of Water] January 2014

WORKS IN PROGRESS

Refereed journal articles pending

Canales, R.A., S. Littau, J.D. Sexton, **K.A. Reynolds**. Development of a Simple Return-On-Investment Calculator for Hand Hygiene Compliance Systems Aimed at Preventing Healthcare Acquired Infections. *American Journal of Infection Control*. *In progress*.

Lee, V.S.T, C.R. Sterling, E. A. Lutz, J.L. Burgess, **K.A. Reynolds**. Factors that influence the parasite-host attraction of *Schistosoma mansoni* and *S. japonicum*: assessment of oleic acid and cercarial age. *In progress*.

Troup, D., M.P. Verhougstraete, J.D. Sexton, **K.A. Reynolds**. Bioaerosol Reduction with a Passive Air Treatment System in a Controlled Chamber. *Journal of Infection Prevention*. *In progress*.

Scanlon, M.M., P. Hsu, R. Carmona, E. Lutz, **K.A. Reynolds**. Systematic Review and Meta-Analysis: Developing a Benchmark for Evaluating Perceived Stress in Nursing Professionals. *Research in Nursing & Health*. *In progress*.

Scanlon, M.M., E. Lutz, P. Hsu, C. Etland, **K.A. Reynolds**. Ranking nursing stress risk factors using quantitative models for occupational stress risk assessment. *International Journal of Stress Management*. *In progress*.

Scanlon, M.M., P. Hsu, R. Carmona, E. Lutz, **K.A. Reynolds**. Role of nature contact: enhancing health-promoting lifestyles to mitigate perceived stress in Southern California RNs. *Health Promotion Practice*. *In progress*.

Pivo, T.R., D. De Jesus Cabrera, A. Tamimi, G.U. Lopez, H.P. Sassi, **K.A. Reynolds**, C.P. Gerba. Spread of a virus within and out of hospital public restrooms and adjacent areas: impact of enhanced disinfection. *American Journal of Infection Control*. *In progress*.

Victory, K.R., N.L. Cabrera, D. Larson, **K.A. Reynolds**, J. Latura, P.I. Beamer. Risks and Risk Perceptions Related to Drinking Bottled Water. *In progress*.

Sexton, J.D., **K.A. Reynolds**. Indoor mold control on porous surfaces using household bleach. *Journal of Environmental Health*. *In progress*.

Grant proposals in progress

Reynolds, K.A., Verhougstraete, M., Sexton, J.D, Wilson, A. Intervention assessment to reduce HAI pathogens and risks in long-term care facilities. 25% effort. AHRQ via NIH. \$2,000,000

SCHOLARLY PRESENTATIONS (since 2006)

Invited

Reynolds, K.A. Video to Guide EMS Exposure Reduction. Joint Public Safety Sector (PSS) Council and Healthcare and Social Assistance (HCSA), NORA Council Meeting. Sustaining Emergency Medical Services during COVID-19. March 26, 2020

Reynolds, K.A., J.D. Sexton. Getting Down and Dirty with Environmental Health Concerns. Keeping Up With Public Health podcast. Western Region Public Health Training Center. September 25, 2019. <https://www.listennotes.com/podcasts/keeping-up-with/episode-4-getting-down-and-vQLauNbE3fm/>

Sexton, J.D., **K.A. Reynolds.** Smartphone Water Quality Monitoring Field Demonstration. AZ Water Research Symposium, Gateway Community College, Phoenix, AZ. January 9, 2020.

Reynolds, K.A., J.Y. Yoon, S. Chung. Smartphone for Water Quality: Smartphone Detection from Paper Microfluidics for Monitoring Water Quality. National Science Foundation Water & Environmental Technology (WET) Center Semi-annual Meeting. Tempe, AZ. December 6, 2019.

Reynolds, K.A., A.M. Wilson, R.A. Canales. Estimating effects of human behaviors and cleaning interventions on infection risk using QMRA. Canadian Standards Association. Webinar. Vancouver, BC, Canada. November 19, 2018.

Reynolds, K.A. Household POU Pathogen Study. WQA Radio Podcast, “In the Know” WQRF Webinar. November 14, 2019. <https://soundcloud.com/user-141188699/wqa-radio-148-kelly-reynolds/s-wjbbW>

Yoon, J.Y., **K.A. Reynolds.** Field Testing of Real-Time Detection of Human Pathogenic Viruses Using Smartphone Technology. Water and Environmental Technology Center. December 12, 2019.

Reynolds, K.A., J.Y. Yoon, S. Chung. Smartphone Norovirus Detection in Water using Paper Microfluidics. WEST Center Industry Meeting. November 18, 2019.

Reynolds, K.A. In the Know Series: Household Point-of-Use Pathogen Study. Water Quality Research Foundation Webinar. November 14, 2019.

Reynolds, K.A. QMRA Work Group Update. Healthcare Infection Transmission Systems (HITS) Conference. Nashville, TN. September 14, 2018.

Wilson, A.M., R.A. Canales, **K.A. Reynolds.** Utilizing Modeling Approaches to Estimate Infection Risks, Intervention Efficacies, and Microbial Reductions Needed to Meet Risk Targets. Healthcare Infection Transmission Systems (HITS) Conference. Nashville, TN. September 14, 2018.

- Reynolds, K.A.** Environmental Health Capacity Building. Northern Pacific Environmental Health Association (NPEHA) Conference. Guam. July 19, 2018.
- Verhoughstraete, M.P., J. Gerald, **K.A. Reynolds**, C.P. Gerba. Cost-Benefit of Point of Use Devices for Lead Reductions. American Water Works Association. Denver, Co. June 11, 2019.
- Reynolds, K.A.** Water Quality Monitoring and Cost Benefits of POU Devices. 2019 Water Quality Association Conference and Exposition. Las Vegas, NV. April 24, 2019.
- Wilson, A.M., **K.A. Reynolds**, M.P. Verhoughstraete, R.A. Canales. Using Simulation Modeling to Estimate the Effect of Human Behaviors and Cleaning Interventions on Infection Risk. American Society of Safety Engineers (ASSE). Tempe, AZ. April 19, 2018
- Reynolds, K.A.** Study Briefs: Cost Benefit of POU Filters; Household POU Filters for Monitoring of Tap Water. Water Quality Association Annual Convention and Exposition. Denver, CO. March 28, 2018.
- Reynolds, K.A.** Strategic Plan for Future Research Initiatives Advancing the POU/POE Industry. Water Quality Research Foundation Development Luncheon. Keynote. Water Quality Association Annual Convention and Exposition. Denver, CO. March 25, 2018.
- Reynolds, K.A.** Household POU Filters: Tools for Long-term, Large Volume Monitoring of Tap Water Quality and Human Health Risks. Water Quality Association Annual Convention and Exposition. Denver, CO. March 25, 2018.
- Reynolds, K.A., J.Y. Yoon.** Monitoring Water Safety using Smartphone Detection from Paper Microfluidics. 2017. NSF and the Water, Environment and Technology Center Annual Meeting. Tempe, AZ. December 6, 2017.
- Reynolds, K.A.** Valuation of Intervention Impacts in Healthcare using the Evidence Based Science of Quantitative Risk Assessment Modeling. Environment Hygiene Interest Group (EHIG) for Infection Prevention and Control Canada (IPAC). Webinar. November 14, 2017.
- Reynolds, K.A.** Review of the Risk, Communication and Perception of the Santa Clarita Valley Water Softener Ban. Pacific Water Quality Association (PWQA) Annual Meeting. Newport Beach, CA. October 3, 2017.
- Reynolds, K.A.** Surface Decontamination: Challenges and Perspectives. Healthcare Infection Transmission Consortium. Ann Arbor, MI. September 13, 2017.
- Reynolds, K.A., C. Greene.** Catalyst for Change: Overview of the Healthcare Infection Transmission Systems (HITS) Consortium. Ann Arbor, MI. September 13, 2017.
- Reynolds, K.A.** Review of the Risk, Communication, and Perception of the Santa Clarita Valley Water Softener Ban. WQA Annual Leadership Conference. San Diego, CA. September 12, 2017.

- Reynolds, K.A.** Waterborne Threats in the U.S.: Understanding the Impact of Persistent and Emerging Contaminants. Culligan Dealers Association of North America, Inc. (CDNA) Convention and Product Fair 2017. St. Louis, MO. April 26, 2017.
- Reynolds, K.A.** Santa Clarita Water Softener Ban and Agricultural Impacts. Water Quality Association Convention and Exposition, Regional and State Government Affairs Committee. Orlando, FL. March 28, 2017.
- Pearce-Walker, J., J.D. Sexton, M.P. Verhougstraete, **K.A. Reynolds**, K. Bright. Enteric Viruses as New Indicators of Human and Cattle Fecal Contamination of Irrigation Water. Water and Energy Sustainable Technology Center, University of Arizona. December 12, 2016.
- Reynolds, K.A.**, J.Y. Yoon, S. Chung. Norovirus Detection Using Fluorescence Microscopy. NSF and the Water, Environment and Technology Center Annual Meeting. Tempe, AZ. December 8, 2016.
- Reynolds, K.A.** Smartphone for Water Quality: Smartphone Detection from Paper Microfluidics for Monitoring Water Safety. Arizona Water Conference. Phoenix, AZ. November 4, 2016.
- Reynolds, K.A.** Keynote speaker. Water Threats: Known and Unknown. PHSI Dealer Meeting. Las Vegas, NV. October 6, 2016.
- Reynolds, K.A.** Quantifying the Impact of Environmental Services in Infection Prevention: Use of Risk Assessment Modeling Tools to Evaluate Interventions in Infection Control. Association for the Healthcare Environment (AHE) Exchange 2016. Pittsburgh, PA. September 28, 2016.
- Reynolds, K.A.**, R.A. Canales. Return on Investment Models for Hand Hygiene Compliance Monitoring Systems and Healthcare Acquired Infection Prevention. 43rd Annual Educational Conference of the Association for Professionals in Infection Control (APIC), Breakfast Symposium. Charlotte, NC. June 13, 2016.
- Reynolds, K.A.** Water and Your Health. The Third Annual Environmental Science and Health Youth Conference. Tucson, AZ April 28, 2016.
- Reynolds, K.A.** Keynote speaker. Waterborne Pathogens: Emerging Issues in Monitoring, Treatment and Control. Multipure Annual Conference and Exposition. Henderson, NV. April 16, 2016.
- Reynolds, K.A.** How to Work with PR and the Media. Mel & Enid Zuckerman College of Public Health Faculty Development Meeting. Tucson, AZ February 12, 2016.
- Reynolds, K.A.** 2016 Arizona Water Research Workshop. Smartphone App and Risk Assessment Model Development. Tempe, AZ, January 14, 2016.

- Reynolds, K.A.**, Germ Geography: Understanding Public Infection Spread. GOJO/Essendant Conference. San Diego, California. December 7, 2015.
- Reynolds, K.A.**, J.Y. Yoon. Smartphone for Water Quality: Smartphone Detection from Paper Microfluidics for Monitoring Water Safety. Water and Environmental Technology Center/National Science Foundation industry/University Cooperative Research Center Annual Meeting. Tucson, AZ. December 10, 2015.
- Reynolds, K.A.** Invited Speaker. Mel & Enid Zuckerman College of Public Health Scholarship Luncheon. Arizona Inn, Tucson, AZ, October 30, 2015.
- Reynolds, K.A.**, L. Lybert, J.D. Sexton. Evaluation and Control of Infectious Microbes in Healthcare Environments: New Evidence for Best Practices. AHE Exchange 2015. Grapevine, TX, September 21, 2015.
- Reynolds, K.A.** Invited Participant. Environmental Hygiene: Ebola and Other Emerging Pathogens in Healthcare. Centers for Disease Control and Prevention Headquarters. Atlanta, GA, September 14, 2015.
- Reynolds, K.A.** WQA Research Final Report: Boil Water Notices in the U.S., 2012-2014. Water Quality Association Mid-year Meeting. Tucson, AZ, September 2, 2015.
- Reynolds, K.A.** M.P. Verhoughstraete, A.H. Tamimi, C.P. Gerba. Point-Of-Use Water Treatment Cost-Effectiveness Analysis. Water Quality Association Mid-year Meeting. Tucson, AZ, September 2, 2015.
- Reynolds, K.A.** Fourth conference of the Microbiology of the Built Environment series. Boulder, CO, July 15-18, 2015.
- Reynolds, K.A.**, L. Lybert, J.D. Sexton. Rapid Microbial Tracer Movement to Soft Surfaces in Patient Care Areas and the Role of Mixed Surfaces in Infection Prevention. APIC, Nashville, TN, June 28, 2015
- Reynolds, K.A.** WQA Research Updates: Boil Water Notices in the U.S., 2012-2014. Las Vegas NV, April 21, 2015.
- Reynolds, K.A.** Risky Behaviors. (How Personal Perceptions Drive Fears and Behaviors) Desert Produce Safety Collaborative Conference. Yuma, AZ, March 31, 2015
- Reynolds, K.A.** Can You Risk It? (Use of Tools in Quantitative Risk Assessment to Evaluate Food Safety Challenges and Solutions). Desert Produce Safety Collaborative Conference. Yuma, AZ, March 30, 2015
- Reynolds, K.A.** Fluoride Risk Assessment/Endetec Monitoring of Coliform Bacteria in Water/ Smartphone Microfluidic Water Quality Monitoring. Tucson Water/University of Arizona Project Updates. Citizen's Water Advisory Committee. Technical /Planning and Policy Subcommittee. Tucson, AZ, March 25, 2015.

- Reynolds, K.A.** Waterborne Pathogen Monitoring. Environmental Health Sciences Seminar Series. February 18, 2015
- Victory, K.R., N. Cabrera, D. Larson, **K. A. Reynolds**, J. Latura, P.I. Beamer. Risk perception of drinking water quality in a US-Mexico Border community. Society for Risk Analysis. Denver, CO, December 7, 2014
- Reynolds, K.A.** Waterborne pathogens: Emerging issues in monitoring, treatment, and control. Maricopa County Waterborne Disease Taskforce. Phoenix, AZ, October 30, 2014
- Reynolds, K.A.** The sexy side of risk assessment. 5th Annual Food Safety Conference: Food Safety and One Health. Tucson, AZ, October 10, 2014
- Reynolds, K.A.** Morning session moderator- speakers' panel discussion. 5th Annual Food Safety Conference: Food Safety and One Health. Tucson, AZ, October 10, 2014
- Reynolds, K.A.** Soft surface infection prevention. McKesson Webinar Wednesdays. September 2014. CEU credits offered.
- Reynolds, K.A.** Trends in Environmental Hygiene: Preventing and Controlling Infections. Arizona Health Care Association's Annual Conference & Trade Show. Scottsdale, AZ. August 20, 2014
- Reynolds, K.A.** Case Studies in Environmental Risk Assessment: Successful translation from the field to public health practice. 3rd Annual Sloan Foundation Meeting on Microbiology of the Built Environment. Boulder, CO, June 5, 2014 (Plenary)
- Reynolds, K.A.** HAI Prevention and Control: Soft Surface Decontamination. Medical World Americas Conference. Houston, TX, April 29, 2014
- Victory, K.R., N. Cabrera, D. Larson, **K.A. Reynolds**, J. Latura, P.I. Beamer. Risk perception of drinking water quality and in a US-Mexico Border community. Risk, Perception, and Response Conference. Harvard Center for Risk Analysis. Boston, MA, March 20-21, 2014
- Reynolds, K.A.** Podcast. Long-Term Care Facility Infections. Long Term Living. 2014
- Reynolds, KA.** New Trends in Environmental Hygiene: Decontaminating Soft Surfaces. Infection Control Today (ICT) Webinar. March 2014-2015. CE credits offered.
- Reynolds, K.A.** Infection Control Today Q &A on Environmental Contamination. 2014
- Reynolds, KA.** New Trends in Environmental Hygiene: Decontaminating Soft Surfaces. Association for the Healthcare Environment (AHE) Webinar 2013-2014. CE credits offered.

- Reynolds, K.A.** Decontaminating Textiles and Other Soft Surfaces: Evidence-Based Recommendations. Association for the Healthcare Environment (AHE) Exchange 2013 Conference. Indianapolis, IN, 2013
- Suppes, L.M., K.C. Ernst, C.P. Gerba, **K.A. Reynolds**. Aquatic Environmental Exposure and Operation Questionnaire Standardization and Validation. 5th International Conference Swimming Pool and Spa. Rome, Italy. April 2013
- Suppes, L.M. and **K.A. Reynolds**. Development and Evaluation of a Swimming Pool Water Exposure Assessment Tool. Arizona County Directors of Environmental Health Services Association. Southwest Environmental Health Conference, Laughlin, NV. January 2013
- Reynolds, K.A.** Human Enteric Pathogens: Emerging Issues in Transmission, Monitoring and Control. International Flavors and Fragrances, Inc. December 2012
- Reynolds, K.A.** Superbug: The Emergence of MRSA. UA Campus Recreation, Lunchtime Lecture Series. Tucson, AZ. November 2012
- Reynolds, K.A.**, R.G. Sinclair, R.A. Canales, M. Molina, M.E. Penny. Using science to evaluate effects of the arts: Microbiological study of household hygiene conditions. Session 3350.0, Innovations in International Health 1. American Public Health Association's (APHA) 140th Annual Meeting and Exposition. San Francisco, CA, October 2012
- Suppes, L.M., **K.A. Reynolds**. Standardization of Health Impact Studies Due to Aquatic Environmental Exposures. 9th annual World Aquatic Health Conference in Norfolk, VA, October 2012
- Reynolds, K.A.** Human Enteric Pathogens: Emerging Issues in Transmission, Monitoring and Control. MEZCOPH Community Advisory Board Retreat. Tucson, AZ, March 2012
- Reynolds, K.A.** Waterborne Pathogens: Emerging Issues in Monitoring, Treatment and Control. Water Quality Association, Aquatech USA. Las Vegas, NV, March 2012
- Reynolds, K.A.** Foodborne Routes of *Clostridium difficile* Infections. Food Safety Retreat. University of Arizona, Tucson, AZ, November 2011
- Reynolds, K.A.** Waterborne Pathogens: Monitoring, Treatment and Emerging Technologies. 3M Corporation. Meriden, CT, October 2011
- Reynolds, K.A.** Occupational Risks and Mitigation of MRSA Exposures for Fire Service Administrative Staff. Northwest Fire Department. Tucson, Arizona, August 2011
- Reynolds, K.A.** Risks and Myths of Environmental Disease Transmission. Arizona Department of Health Services (ADHS), Brownbag Workshop. Phoenix, Arizona, March 2011
- Reynolds, K.A.** Waterborne Pathogen Monitoring. University of Arizona/ Institute of the Environment, Environmental Breakfast Club, March 2011

Reynolds, K.A. MRSA in the Firehouse. UMC/Santa Cruz County EMS Rounds. Nogales, AZ, February 2011

Reynolds, K.A. MRSA and Other Emerging Germs. Southern Arizona Safety Council and City of Tucson Quarterly Safety Meeting. Tucson, AZ, February 2011

Reynolds, K.A. Impact of Bleach on the Reduction of *Salmonella* in Households in Mexico. Clorox Scientific Advisory Board Meeting. San Francisco, CA, May 2010

Reynolds, K.A. Public Health Risk Assessment of Waterborne Disease. Emerging Pathogens in Water Workshop. Water Sustainability Program. Tucson, AZ, March 2010

Plenary Speaker. **Reynolds, K.A.** Environmental Health Risks for Rural Populations. National Rural Health Association 16th Annual Rural Multiracial and Multicultural Health Conference. Tucson, AZ, December 2010

Reynolds, K.A. Mitigation of Nosocomial Disease Transmission – Targeting Surface Contamination and Airborne Exposure Routes. Arizona Rural Quality Network Group, December 2010

Reynolds, K.A. Controlling MRSA Transmission in First Responders. Arizona EMS Working Group, December 2010

Reynolds, K.A. The Fate of *Clostridium difficile* in Treated Wastewater Systems. National Science Foundation, Water and Environmental Technology Center Conference. Tucson, AZ, December 2009

Reynolds, K.A. Building Infection Control in the Fire Station. University of Washington Department of Environmental and Occupational Health Sciences seminar series. Seattle, WA, December 2009

Reynolds, K.A. Infectious Disease: How to Protect Yourself. Workshop. Twentieth Symposium on the Occupational Health and Hazards of the Fire Service. International Association of Fire Fighters. Los Angeles, CA, November 2009

Reynolds, K.A., E. Nied. MRSA Exposure Assessment in First Responders. Current Concepts in Emergency Medicine. Phoenix, AZ, February 2009

Sexton, J.D., **K.A. Reynolds**, E. Nied. Infectious Diseases and Your Emergency Vehicles. Fire Department Safety Officers Association. Orlando, FL. January 2009

Nied, E., **K.A. Reynolds**, W.F. Peate. Communicable Diseases and MRSA Study. Fire Department Safety Officers Association. Orlando, FL. October 2008

Reynolds, K.A. Infectious Disease Training. Fire and Emergency Manufacturers and Services Association Annual Meeting. Tucson, AZ, October 2008

- Reynolds, K.A.** Quantitative Microbial Risk Assessment: State of the Art. Global Issues in Water, Sanitation, and Health. Forum on Microbial Threats, Board on Global Health, Institute of Medicine. Washington, D.C. September 2008
- Reynolds, K.A.** Invisible Intruders: Evaluating the Waterborne Disease Burden in the U.S. and Arizona. Arizona Public Health Association 80th Annual Meeting. Tucson, AZ, September 2008
- Reynolds, K.A.** Infectious Disease Guidelines and MRSA. Fire-Rescue International Training Workshop. Denver, CO, August 2008
- Reynolds, K.A.** Preventing MRSA in the Fire House. 2008 Fire Service Leadership Conference. Glendale, AZ, July 2008
- Reynolds, K.A.** Integrated Capture and Spectroscopic Detection of Viruses. Undergraduate Biology Research Program. Tucson, AZ, June 2008
- Reynolds, K.A.** Building Infection Control into Fire Stations. Station Style Conference. Phoenix, AZ, April 2008
- Reynolds, K.A.** Keynote speaker, How to Stay Healthy in a World of Emerging Infections. Arizona Public Health Luncheon. Tucson, AZ, April 2008
- Reynolds, K.A.** Point-of-Use Drinking Water Devices for Assessing the Extent of Microbial Contamination in Finished Water and Distribution Systems. S. Miles, K. Reynolds, I. Pepper. NSF-WQC Fall Conference. Phoenix, AZ, December 2007
- Reynolds, K.A.** Risk Assessment Endpoints. 107th meeting of the American Society for Microbiology. Toronto, Canada, May 2007
- Reynolds, K.A.** Emerging Contaminants and Food Safety. 107th meeting of the American Society for Microbiology. Toronto, Canada, May 2007
- Reynolds, K.A.** Methods of Virus Detection in the Environment. K. Reynolds. Training workshop, Water Quality Managers. Tucson, AZ, May 2007
- Reynolds, K.A.** The Fight against Germs. Health and Wellness Workshop. Puerto Rico, March 2007
- Reynolds, K.A.** The Healthy Home. World of Moms workshop series. San Antonio, Tampa, San Francisco, Phoenix, Philadelphia, Atlanta, Portland, Boston, August/September 2006
- Reynolds, K.A.** Cleaning up the Classroom. Elementary School Teachers workshop series. San Antonio, Tampa, San Francisco, Phoenix, Philadelphia, Atlanta, Portland, Boston, August/September 2006

Reynolds, K.A. Emerging Foodborne Pathogens: What's on the Horizon? Arizona Maricopa County Cooperative Extension Food Safety 2010 Conference. Phoenix, AZ, July 2006

Reynolds, K.A. Noninvasive Cell Spectroscopy for the Detection of Human Viruses in Water. NSF-WQC Conference. Tempe, AZ, July 2006

Reynolds, K.A. Laundry Microbial Research. Home Appliance Technology Fair. Samsung, Inc. New York City, March 2006

Reynolds, K.A. Emerging Contaminants in Drinking Water. Water Quality Association Annual Conference. Chicago, IL, March 2006

Reynolds, K.A. The Significance of Emerging Waterborne Pathogens. Water Quality Association Aquatech USA. Chicago, IL, March 29, 2006

Submitted presentations

Wilson, A.M., E.R. Myers, J. Hanlin, K.A. Reynolds. NSF Legionella Conference 2020. Chicago, IL. August 19-21, 2020

Lugo, A. A.M. Wilson, **K.A. Reynolds**. Evaluating the use of ultraviolet light to reduce transmission of methicillin-resistant *Staphylococcus aureus* in emergency medical service vehicles. Poster Presentation. APIC 2020 Annual Conference. Phoenix, AZ. June 10-12, 2020

Wilson, A.M, M. Felipe-King, C. Noakes, **K.A. Reynolds**. Comparing contaminant transfer potential of repetitive hand-to-fomite contacts for gloved and ungloved hands using a fluorescent powder. Poster Presentation. APIC 2020 Annual Conference. Phoenix, AZ. June 10-12, 2020

Sexton, J.D., **K.A. Reynolds**, F. Garavito, B. Anderson, J. Ivaska. Whole-room hypochlorous acid atomizing disinfection system on healthcare surface contamination and transfer. Poster Presentation. APIC 2020 Annual Conference. Phoenix, AZ. June 10-12, 2020

Wilson, A.M., M.P. Verhougstraete, P.I. Beamer, M.F. King, K.A. Reynolds, C.P. Gerba. Characterizing frequency and sequence of adults' and children's hand-to-head, -mouth, -eyes, and -nose contacts. Poster session, UA, Discover BIO5 Research to Innovation Showcase. Tucson, AZ

Wilson, A.M., M.P. Verhougstraete, C.J. Donskey, **K.A. Reynolds**. Estimating the contribution of a contaminated wheelchair to pathogen spread with an agent-based model. The Society for Healthcare Epidemiology of America's (SHEA) 6th Decennial International Conference on Healthcare Associated Infections. Atlanta GA. March 29, 2020

Sepulveda, S.R., A. M. Wilson, **K.A. Reynolds**, C.P. Gerba. Impact of a hand sanitizer with a residual effect on bacterial exposures. MEZCOPH Student Research Poster Forum. March

2019.

Verhougstraete, M.P., C.P. Gerba, **K.A. Reynolds**. Cost-benefit of point-of-use devices for lead reduction. American Water Works Association Annual Conference and Exhibition (AWWA ACE). Denver, CO. June 9-12, 2019

Hunt, B., **K.A. Reynolds**, A.M. Wilson. Engineered Infection Prevention: The Intelligent Self-Disinfecting Hospital. American Society for Healthcare Engineering (ASHE) 2019 Summit & Exhibition on Health Facility Planning, Design & Construction (PDC). Phoenix, AZ, March 17-20

Wilson, A.M. **K.A. Reynolds**, R.A. Canales, C.P. Gerba. Estimating the Effect of a Unique Hand Sanitizer on Norovirus Infection Risk. Poster. International Food Safety and Environmental Virology (IFSEV) Conference. Tempe, AZ. October 7-10, 2018

Troup, D., M.P. Verhougstraete, J.D. Sexton, **K.A. Reynolds**. Bioaerosol Reduction with a Passive Air Treatment System in a Controlled Chamber. Poster. Healthcare Infection Transmission Systems (HITS) Conference. Nashville, TN. September 14, 2018

Wilson, A.M. **K.A. Reynolds**, J.D. Sexton, R.A. Canales. Estimating Microbial Reductions Needed on Surfaces to Achieve Risk Targets. Poster. Healthcare Infection Transmission Systems (HITS) Conference. Nashville, TN. September 14, 2018

Wilson, A.M. **K.A. Reynolds**, R.A. Canales. The Effect of Hand Washing on Fomite-Mediated Norovirus Exposures. International Society of Exposure Science (ISES). August 26-30, 2018

Wilson, A.M. **K.A. Reynolds**, R.A. Canales. Development of a Model for Predicting Viral Infection Risk and Optimizing Hygiene Protocols. 45th Annual Educational Conference of the Association for Professionals in Infection Control (APIC). Denver, CO. June, 2018

Verhougstraete, M.P., J. I. Pearce-Walker, **K.A. Reynolds**. Cost Benefits of Point-of-Use Devices to Reduce Waterborne Diseases. UNC Water Microbiology. May 22-24, 2018

Heusinkveld, D., **K.A. Reynolds**. Risk Assessment: *Legionella pneumophila* exposure from irrigation with domestic roof-harvested rainwater. The University of Arizona's SWESx Poster Forum. Tucson, AZ. April 11-12, 2018.

Wilson, A.M., R.A. Canales, C.P. Gerba, **K.A. Reynolds**. How Much are Surfaces to Blame in Norovirus Outbreaks? MEZCOPH Poster Forum. *Third place winner, research category. Tucson, AZ. April 6, 2018

Wilson, A.M. **K.A. Reynolds**, R.A. Canales. Validation of a Stochastic Discrete Event Model for Predicting Viral Pathogen Exposure. Arizona Health Science Center Student Showcase Poster Forum. Tucson, AZ. February 21, 2018

Wilson, A.M. **K.A. Reynolds**, R.A. Canales. Stochastic Discrete Event Modeling to Predict Effects of Surface Cleanings on Viral Infection Risk. 2018 Emerging Researchers National

(ERN) Conference in STEM. AAAS, Washington, D.C. February 22-24, 2018. *Student won first place in graduate oral presentations in Ecology, Environmental and Earth Sciences category.

Wilson, A. **K.A. Reynolds**, R.A. Canales. Modeling Viral Pathogen Exposure and Risk Reductions for Infection Control Interventions. Lewis Stokes Midwest Center of Excellence (LSMCE) Conference. Indianapolis, IN. October 7, 2017

Sexton, J.D., K. Humphrey, R. Leslie, C. P. Gerba, **K.A. Reynolds**. Effects of Disinfection on the Spread of Virus in an Outpatient Clinic. 44th Annual Educational Conference of the Association for Professionals in Infection Control (APIC). Portland, OR. June 14, 2017

Reynolds, K.A., R.A. Canales, J.D. Sexton, C.P. Gerba. Understanding the Relationships among HAI, Healthcare Surfaces, and Environmental Interventions using QMRA. 44th Annual Educational Conference of the Association for Professionals in Infection Control (APIC). Portland, OR. June 14, 2017

Reynolds, K.A., J.D. Sexton, M.M. Scanlon, V. Lee. Legionellosis Prevention and Response Training for Environmental Health Professionals. 44th Annual Educational Conference of the Association for Professionals in Infection Control (APIC). Portland, OR. June 14, 2017

Troup, D., M.P. Verhoughstraete, J.D. Sexton, **K.A. Reynolds**. Bioaerosol Reduction with a Passive Air Treatment System in a Controlled Chamber. MEZCOPH Student Poster Forum. Tucson, AZ. April 2017

Wilson, A.M., J.D. Sexton, H.P. Sassi, **K.A. Reynolds**. Microbial Transfer from Soft Surfaces and its Control in Healthcare Settings. MEZCOPH Student Poster Forum. Tucson, AZ. April 2017

Reynolds, A., J.D. Sexton, **K.A. Reynolds**. Quantitative Characterization of Microbial Malodor in Laundry. MEZCOPH Student Poster Forum. Tucson, AZ. April 2017

Reynolds, K.A., J. Sexton, T. Pivo, R. Leslie, A. Tamimi, C. Gerba. The Dynamics of Microbe Spread via Hands and Fomites throughout an Outpatient Clinic. IDWeek. New Orleans, LA. October 26-30, 2016. October 27, 2016

Reynolds, K.A., R.A. Canales. Quantitative risk modeling of healthcare acquired infections and interventions using baseline data and simple models. 43rd Annual Educational Conference of the Association for Professionals in Infection Control (APIC). Charlotte, NC. June 12, 2016.

Verhoughstraete, M.P., J.D. Sexton, J. Pearce-Walker, N. Lothrop, **K.A. Reynolds**, K. Bright. Optimal Strategies for Monitoring Irrigation Water Quality and the Development of Guidelines for the Irrigation of Food Crops. The Water Microbiology Conference 2016, The Water Institute at the University of North Carolina. Chapel Hill, NC. May 17-19, 2016

Victory, K.R., **K.A. Reynolds**, N.L. Cabrera, D. Larson, J.L. Burgess, P.I. Beamer. Comparison of Chemical and Microbial Contaminants in Tap, Bottled and Vended Water in a U.S.-

- Mexico Border Community. International Society of Exposure Science (ISES). Cincinnati, OH, October 12-16, 2015
- Ornelas, Y., **K.A. Reynolds**, L. Abrell, S. Grigera, P.I. Beamer. Microbial and Inorganic Contamination in Private Wells along the Santa Cruz River, Arizona. International Society of Exposure Science (ISES). Cincinnati, OH, October 12-16, 2015
- Canales, R.A., R. G. Sinclair, M. Soto-Beltran, **K.A. Reynolds**. Simulating Non-Dietary Ingestion of *Listeria monocytogenes* in Residential Environments. International Society of Exposure Science (ISES). Cincinnati, OH, October 12-16, 2015
- McCracken, K., T.S. Park, S.V. Angus, **K.A. Reynolds**, J.Y. Yoon. 2015. Smartphone Detection with Paper Microfluidics for Monitoring Water Quality. 5th Annual Food Safety Conference: Food Safety and One Health. Tucson, AZ, October 10, 2014
- Sifuentes L.Y., H.P. Sassi, **K.A Reynolds**, J. Clark-Greuel, E. Nichols, K. McGrath, D.W. Koenig. Impact of a Hygiene Intervention on Virus Transmission in a Long Term Care Facility. Association for Professionals in Infection Control and Epidemiology (APIC). Anaheim, CA, June 7, 2014
- Reynolds, K.A.**, J.D. Sexton. Occurrence and Control Occurrence and Control of Pathogens on Soft Surfaces in the Healthcare Environment. Association for Professionals in Infection Control and Epidemiology (APIC). Anaheim, CA, June 7, 2014
- Sexton, J.D., **Reynolds, K.A.** Use of Microbial Surrogates to Evaluate Infection Control Procedures in the Healthcare Environment. 114th General Meeting of the American Society for Microbiology. May 17, 2014
- Sassi, H.P., L.Y. Sifuentes, D.W. Koenig, **K.A. Reynolds**. Evaluation of a Hygiene Intervention in a Long-term Care Facility. 114th General Meeting of the American Society for Microbiology. May 17, 2014
- Victory, K.R., **K.A. Reynolds**, N.L. Cabrera, D. Larson, J.L. Burgess, P.I. Beamer. Comparison of Chemical and Microbial Contaminants in Tap, Bottled and Vended Water in a U.S.-Mexico Border Community. UA Poster Forum. Tucson, AZ, April 2, 2014.
- Victory, K.R., N.L. Cabrera, D. Larson, **K.A. Reynolds**, J. Latura, P.I. Beamer. Risk Perception of Drinking Water Quality in a US-Mexico Border Community. Society for Risk Analysis 2013 Annual Meeting. Baltimore, MD, December 9-11, 2013
- Victory, K.R., N.L. Cabrera, D. Larson, J. Latura, **K.A. Reynolds**, P.I. Beamer, editors. Risk Perception of Drinking Water Quality in a U.S.-Mexico Border Community. Environmental Research Grad Blitz, Tucson, AZ, November 2013. (Poster awarded 2nd place honorable mention)
- Victory, K.R., N.L. Cabrera, D. Larson, J. Latura, **K.A. Reynolds**, P.I. Beamer, editors. Risk Perception of Drinking Water Quality in a U.S.-Mexico Border Community. Graduate and

Professional Student Council Student Showcase, Tucson, AZ, November 2013. (Poster awarded 1st place Public Health Sciences)

Pleasant, A., J. Cabe, M. Pereira-Leon, **K.A. Reynolds**. Evaluating what? Marrying Multiple Methods and Multiple Data Types and Sources: Evaluation of the Arts for Behavior Change Program in Lima, Peru. American Public Health Association. Boston, MA, November 2013.

Reynolds, K.A., J.D. Sexton. Evaluation of a Soft Surface Sanitizer in Healthcare Environments. IDWeek 2013. San Francisco, CA, October 2-6, 2013

Reynolds, K.A., L.M. Suppes. Swimming Pool Water Ingestion Exposure Assessment using Videography and Exposure Questionnaires. Abstracts of the 113th General Meeting of the American Society for Microbiology. Denver, CO, May 2013

Valdez, M.K., J.D. Sexton, **K.A. Reynolds**. Transfer and Control of Microbes in Emergency Vehicles. Q1625. Abstracts of the 113th General Meeting of the American Society for Microbiology. Denver, CO, May 2013

Sexton, J.D., M.K. Valdez, **K.A. Reynolds**. Transfer and Control of Infectious Microbes in Emergency Medical Responder Facilities and Apparatuses. Q1626. Abstracts of the 113th General Meeting of the American Society for Microbiology. American Society for Microbiology. Denver, CO, May 2013

Sexton, J.D., M.K. Valdez, **K.A. Reynolds**. Occurrence of Methicillin-Resistant *Staphylococcus aureus* (MRSA) in fire stations. SEHSA. Public Health Research Poster Forum. Tucson, AZ, March 2013

Valdez, M.K., J.D. Sexton, **K.A. Reynolds**. Transfer and Control of Infectious Microbes in Fire Apparatuses. SEHSA. Public Health Research Poster Forum. Tucson, AZ, March 2013

Victory, K.R., D. Larson, N. Cabrera, **K.A. Reynolds**, P.I. Beamer. Risk Perception, Drinking Water Source Quality in a Low-Income Latino Community along the US-Mexico Border. SEHSA. Public Health Research Poster Forum. Tucson, AZ, March 2013

Suppes, L.M., K.C. Ernst, C.P. Gerba, **K.A. Reynolds**. Influence of Swimmer Activity and Behavior on Pool Water Ingestion. Arizona County Directors of Environmental Health Services Association, Laughlin, NV, January 2013

Valdez, M.K., J.D. Sexton, **K.A. Reynolds**. Transfer and Control of infectious Microbes in Emergency Vehicles. Environmental Research Grad Blitz. Tucson, AZ, November 2012

Valdez, M.K., J.D. Sexton, **K.A. Reynolds**. Surface Disinfecting Efficacy for Reducing Spread of Infectious Microbes in Fire Stations and Apparatuses. Student showcase. Tucson, AZ, November 2012

- Suppes, L.M., **K.A. Reynolds**. Standardization and Validation of Aquatic Environmental Exposure and Operations Questionnaires. International Society of Exposure Science (ISES). Seattle, WA, October 2012
- Sifuentes, L.Y., P.I. Beamer, K.R. Plotkin, C.P. Gerba, D.W. Koenig, **K.A. Reynolds**. Risk Modeling of Human Viruses on Fomites and the Impact of a Healthy Workplace Intervention. International Society of Exposure Science (ISES). Seattle, WA, October 2012
- Suppes, L.M., **K.A. Reynolds**. Chlorine Disinfection Efficacy and Swimmer Exposures at Multiple Pool Depths. National Environmental Health Association (NEHA). San Diego, CA, July 2012
- Soto-Beltran, M., K.D. Mena, C.P. Gerba, P. Tarwater, **K.A. Reynolds**, C. Chaidez. Risk Assessment of *Listeria monocytogenes* in Queso Fresco in Culiacan, Mexico. Q1008. Abstracts of the 112th General Meeting of the American Society for Microbiology. American Society for Microbiology. San Francisco, CA, June 2012
- Reynolds, K.A.**, R.G. Sinclair, M. Soto-Beltran, M. Molina, M.E. Penny. Hygiene Assessment in an Urban, Low-Income Community. Q2028. Abstracts of the 112th General Meeting of the American Society for Microbiology. American Society for Microbiology. San Francisco, CA, June 2012
- Lopez, G.U., M. Kitajima, A. Havas, **K.A. Reynolds**. The Effect of Disinfectant Wipes on Microbial Transfer. Q1503. Abstracts of the 112th General Meeting of the American Society for Microbiology. American Society for Microbiology. San Francisco, CA, June 2012
- Ramirez-Andreotta, M.D., R.M. Maier, J.F. Artiola, M.L. Brusseau, P.I. Beamer, **K.A. Reynolds**. Assessing the Potential Risk of Metal(loid) Exposure from Consumption of Home Produced Vegetables Near the Iron King Humboldt Smelter Superfund Site, Dewey-Humboldt, Arizona. International Society of Exposure Science. Baltimore, MD, November 2011
- Ramirez-Andreotta, M.D., R.M. Maier, J.F. Artiola, M.L. Brusseau, P.I. Beamer, **K.A. Reynolds**. Assessing the Potential Risk of Metal(loid) Exposure from Consumption of Home Produced Vegetables Near the Iron King Humboldt Smelter Superfund Site, Dewey-Humboldt, Arizona. 2011 Superfund Research Program, Annual Meeting. Lexington, KY, October 2011
- Suppes, L.M., **K.A. Reynolds**. Analysis of Deep-water Microbial Contaminants and Surface Air Disinfection By-products in Swimming Pools. Institute of the Environment. Environmental Grad Research Blitz. Tucson, AZ, November 2011
- Sexton, J.D., **K.A. Reynolds**. Mold Control on Drywall Using Household Bleach. Q3117. Abstracts of the 110th General Meeting of the American Society for Microbiology. American Society for Microbiology. San Diego, CA, May 2010

Reynolds, K.A., Z. Yang, P. Lucas, M.R. Riley. Device Development for Continuous Monitoring of Flowing Drinking Water for Viruses. Q2405. Abstracts of the 110th General Meeting of the American Society for Microbiology. American Society for Microbiology. San Diego, CA, May 2010

Nordstrom, J.A., **K.A. Reynolds.** Evaluation of the Occurrence and Risk of Microbes in Laundry and Laundry-Associated Surfaces. Q464. Abstracts of the 109th General Meeting of the American Society for Microbiology. American Society for Microbiology. Philadelphia, PA, May 2009

Miles, S.L., I.L. Pepper, C.P. Gerba, **K.A. Reynolds.** Point-of-Use Drinking Water Devices for Assessing Microbial Contamination in Finished Water and Distribution Systems. Q080. Abstracts of the 108th General Meeting of the American Society for Microbiology. American Society for Microbiology. Boston, MA, May 2008

Sexton, J.D., **K.A. Reynolds.** Occurrence of Methicillin-Resistant *Staphylococcus aureus* (MRSA) in Fire Stations. Q247. Abstracts of the 108th General Meeting of the American Society for Microbiology. American Society for Microbiology. Boston, MA, May 2008

Sexton, J.D., **K.A. Reynolds.** Monitoring MRSA in Fire Stations. AHSC Frontiers in Biomedical Research. Toronto, Canada, October 2007

Miles, S., **K.A. Reynolds,** C.P. Gerba, I.L. Pepper. Point-of-Use Drinking Water Devices for Assessing Microbial Contamination in Finished Water and Distribution Systems. Abstracts of the 107th General Meeting of the American Society for Microbiology. American Society for Microbiology. Toronto, Canada, May 2007

Reynolds, K.A., K.R. Bright, C.P. Gerba. Assessing the Extent of Microbial Contamination in Finished Water and Distribution Systems using Point-of-Use Drinking Water Devices. Abstracts of the 106th General Meeting of the American Society for Microbiology. Abstract Q-514. American Society for Microbiology. Orlando, FL, May 2006

PATENTS

Single Copy Level Detection of Virus through Particle Counting on Paper Microfluidics Using Smartphone Based Fluorescence Microscope. Yoon, JY, KA Reynolds, S Chung. UAZ-0150000_UA20-057

GRANTS AND CONTRACTS (since 2006)

Current grants (Federal)

Combined Surface Sampling and Quantitative Microbial Risk Assessment Modeling to Optimize Surface Cleaning for Targeted HAI Reduction. 5% effort, Co-Investigator. Centers for Disease Control and Prevention (CDC). \$510,512. 10/1/2018-9/30/2019.

Current grants (State/Foundation/Industry/Other)

Bioaerosol Sampling for Quantitative Exposure Assessment of Airborne SARS-CoV-2 in a Wastewater Facility. 1% effort, Co-PI. University of Arizona COVID-19 Rapid Turn-Around Seed Grant/TRIF. \$59,840. 4/6/20-10/4/20

Using QMRA to Estimate Risk Target Compliance for Showering Events. 1% effort, PI. UA Foundation; Ecolab. \$15,000. 2/20/2019-2/19/2020

Impact of Antibacterial Soap in a Food Service Establishment. 5% effort, Co-PI. Industry: EcoLab. \$188,749. 7/31/19-7/31/20

Development of a One Health Undergraduate Program with a Global Reach. 5% effort, Co-PI. State: University of Arizona Provost Investment Fund. \$157,000. 12/15/2019-12/15/2020.

Water Quality Emerging Contaminant. 5% effort, PI. Federal/State: NSF-WET Center; Tucson Water. \$88,517. 8/01/2018-06/30/2020

Evaluation of Whole Room Disinfection and Terminal Cleaning Efficacies in Healthcare. 5% effort, PI. UA Foundation; Nevoa. \$33,720. 7/24/2017-7/23/2020

Completed Research Support

Completed grants (since 2006)

Cost Benefit of Point-of-Use Devices in Reduction of Health Risks from Drinking Water. 10% effort, PI. Water Quality Research Foundation. 9/24/2015-1/3/2019

Thermophilic Amoeba Evaluation in a Municipal Water Treatment System. 1% effort. PI. Aurora Water. \$4,018. 6/30/19-12/30/19

Residual Surface Disinfectant Impacts in a School Setting. 1% effort, co-PI. Enviro-Master. \$8,000. 9/8/19-11/20/19

Household POU Filters: Tools for Long-term, Large Volume Monitoring of Tap Water Quality and Human Health Risks. 5% effort, Principal Investigator. Foundation: Water Quality Association Research Foundation. \$50,000. 12/17/17-05/31/19.

Systematic Review of Hand Drying Methods Research. 8% effort, PI. Excel Dryer, Inc. \$22,499. 8/18/2018-11/30/2018

Development and Dissemination of an Online Training for Environmental Health Professionals: Legionellosis Prevention and Response. 26% effort, Principal Investigator. Taren, Douglas (Co-PI). National Network of Public Health Institutes (NNPHI), and the Centers for Disease Control and Prevention (CDC). \$175,000. 12/1/2016-9/30/2018.

Modeling Virus Risks and Intervention Impacts in Healthcare Environments. 5% effort, Principal Investigator. Industry: GOJO Industries/Foundation: UA Foundation. \$19,000. 10/01/2017-2/28/2018.

Development of Office Wellness Programs. 5% effort, Principal Investigator. Industry: GOJO Industries/Foundation: UA Foundation. \$50,000. 12/30/2016-12/30/2017.

Water Quality Emerging Contaminants. 5% effort, Principal Investigator. Industry: Intergovernmental Agreement: Tucson Water. Development of Consumer Outreach and Risk Communication Tools. \$40,000. 07/2016-06/2017

Water Quality Monitoring using Smartphone Detection from Paper Microfluidics. 5% effort. Principal Investigator. Industry: Tucson Water; Foundation: National Science Foundation's Water, Environment and Technology Center. Renewed: \$23,582; 08/01/2016-07/31/2017.

Enteric Viruses as New Indicators of Human and Cattle Fecal Contamination of Irrigation Waters. 1% effort. Co-Investigator. Bright, Kelly (PI); Verhoughstraete, Marc (Co-PI). Multi-agency: Center for Produce Safety. \$219,879; 2015-2017

Identifying new surrogates for irrigation water. 2.5% effort, Co-Investigator. Verhougstraete, Marc (PI). Arizona Department of Agriculture. Specialty Crop Block Grant Program. \$65,441 10/21/2017-10/31/2018.

A New Way of Assaying Zika Virus through Monitoring Interfacial Effects on Paper. 5% effort, Co-Principal Investigator. Yoon, Jeong-Yeol (Co-PI). State: Pilot Interdisciplinary Project Grants. \$70,000. 7/1/2016-6/30/2017.

Controlled Laboratory Chamber Study of Antimicrobial Efficacy Over Long-Term Use. 3% effort, Principal Investigator. Foundation: Knowles Science Teaching Foundation; Industry: XStream, LLC. \$48,000. 2016-2017.

Impact of Spray Disinfectant on Spread of Viruses in an Urgent/Outpatient Care Facility. 8% effort, Principal Investigator. Industry: GOJO Industries. \$55,911. 2015-2017.

Impact of Antibacterial Soap on fecal bacterial load on humans and household fomites. 5% effort, Co-Principal Investigator; Gerba, Charles (co-PI). Industry: Safeguard Industries. \$80,000. 2016-2017.

Impact of Santa Clarita Water Softener Ban on Brine Discharge Regulatory Compliance. 8% effort, Principal Investigator. Foundation: Water Quality Association Research Foundation/ Pacific Water Quality Association. \$50,000. 2016-2017.

Healthcare Surfaces Summit. 20% effort, Co-Founder. Industry/Foundation: Healthcare Industry Manufacturer Sponsored (Kimberly-Clark, GOJO, NSF International, Copper Development Association). \$160,000. 2015-2017.

First Responder Safety and Health. 5% effort, Co-Investigator. Granillo, Alma (PI); Verhougstraete, Marc (Co-PI). State: Arizona Department of Health Services (ADHS),

Hospital Preparedness Program (Ebola) and Public Health Emergency Preparedness Cooperative Agreements. \$240,000. 2015-2017.

Hand Sanitizer Laboratory and Field Efficacy Study. 1% effort. Principal Investigator. J&A Industries. \$9,692. 2015-2017.

Water Quality Monitoring using Smartphone Detection from Paper Microfluidics. 2% effort. Co-Principal Investigator; Yoon, Jeong-Yeol (co-PI). Industry: Tucson Water; Foundation: National Science Foundation's Water, Environment and Technology Center. \$18,821; 2015-2016

Optimal strategies for monitoring irrigation water quality and the development of guidelines for the irrigation of food crops. 1% effort. Co-Investigator. Verhoughstraete, Marc (PI). Multi-agency: Center for Produce Safety. \$117,202; 2014-2016

Literature Review of Boil Water Notices in the U.S. 5% effort. Principal Investigator. Water Quality Association. \$15,000; 2014-2016

Cost Benefit of Point of Use Devices in Reduction of Health Risks from Drinking Water. 15% effort. Principal Investigator. Water Quality Association Research Foundation. \$60,000; 2014-2016

Determining Data Gaps in Risk Assessment for Produce Safety. 10% effort. Co-Investigator. Verhoughstraete, Marc (PI). Arizona Department of Agriculture (ADA). \$50,306. 2015-2016.

Environment, Exposure Science and Risk Assessment Center (ESRAC) Continuing Support. 10% effort. Principal Investigator. Water, Environmental, and Energy Solutions (WEES) Initiative. \$51,940. 2015-2016.

An Exploration of the Cost Effectiveness of Hand Hygiene Programs in Preventing Hospital Acquired Infections. 5% effort. Co-Principal Investigator. Canales, Robert (Co-PI). Georgia Pacific. \$35,313; 2014-2016.

Spatial/Temporal Sampling of Irrigation Water. 5% effort. Co-Investigator. Bright, Kelly (PI); Verhoughstraete, Marc (Co-PI). Arizona Department of Agriculture. \$73,680; 2014-2016

Molecular Epidemiology of *Clostridium difficile* Food Contamination: Links to Human Community Acquired Infections. 5% effort, Co-Investigator. Federal: USDA-AFRI; \$1,250,000; 2010-2016; PI of UA subcontract, \$250,000

Water Quality Monitoring using Smartphone Detection from Paper Microfluidics. 2% effort. Co-Principal Investigator; Yoon, Jeong-Yeol (co-PI). Industry: Tucson Water; Foundation: National Science Foundation's Water, Environment and Technology Center. \$32,000; 2014-2015

Chromium 6 Risk Characterization in Drinking Water. 5% effort. Principal Investigator. State: Tucson Water. \$17,500; 2014-2015

Hospital Field Study of T1 Air Disinfectant Recirculator Efficacy against Viral Tracers. 2% effort. Co-Principal Investigator. Verhougstraete, Marc (Co-PI). Industry: Aerobiotix, Inc. \$23,427; 2014

Comparison of Real-Time Methods for Monitoring *E. coli* in Drinking Water. 1% effort. Principal Investigator. State: Tucson Water. \$5,000; 2014

Quantitative Characterization of Microbial Malodor in Laundry. 12% effort, Principal Investigator. Industry: International Flavors and Fragrances, Inc. \$160,234; 2013-2015

Water Quality Monitoring using an Endetec Tecta-16 Analyzer. 1% effort, Principal Investigator. State: Tucson Water. \$7,400; 2013-2014

Bacterial Soft Surface Transmission Routes in Long-Term Care Facilities and Physician Offices. 7.5% effort, Principal Investigator. Industry: The Clorox Company. \$62,450; 2013-2014

Quantifying Bacterial Levels on Soft Surfaces in Healthcare Settings. 3.3% effort, Principal Investigator. Industry: The Clorox Company. \$48,232; 2012-2013

Virus Transmission in a Long-Term Care Facility. 12.5% effort, Principal Investigator. Industry: Kimberly Clark Corporation. \$60,580; 2012-2013

Development of Hybrid Courses in Risk Assessment. 5% effort. Principal Investigator. University of Arizona Online Education Project. \$10,000; 2012-2013

Tracking Microbial Transmission Routes in the Hotel Setting. 8% effort, Co-Principal Investigator; Gerba, Charles (co-PI). Industry: Kimberly Clark Corporation. \$74,627; 2011-2013

Development of an Environment, Exposure Science and Risk Assessment Center (ESRAC). 10% effort. Co-Principal Investigator; O'Rourke, Mary Kay (co-PI). Water, Environmental, and Energy Solutions (WEES) Initiative. \$250,000; 2012-2015

Hospital/Out-Patient Field Study of Disinfectant Efficacy against Microbes. 2% effort. Principal Investigator. Spectrashield Technologies, LLC. \$27,260; 2012-2013

Transfer and Control of Infectious Microbes in Emergency Vehicles. 2% effort. Principal Investigator. Northwest Fire District & The Clorox Company. \$29,170; 2012-2013

Risk Perception, Drinking Water Source and Quality in Low-Income Latino Communities along the US-Mexico Border. 1% effort, Co-Principal Investigator; Beamer, Paloma (co-PI). University of Arizona, Technology and Research Initiative Fund (TRIF) through the Water, Environmental and Energy Solutions Initiative. \$39,158; 2011-2013

Development and Validation of a Questionnaire to Assess Swimming Pool Water Exposures and Health Outcomes. 10% effort, Principal Investigator. National Swimming Pool Foundation. \$65,459; 2011-2012

Bioaerosol Hazards Associated with Qualitative Respirator Fit Testing. 1% effort, Principal Investigator. Federal: UCLA NIOSH Education Research Center. \$20,304; 2011-2012

Arts for Behavioral Change Program in Lima, Peru. 16% effort, Co-Investigator; Pleasant, Andrew (PI). Foundation/Industry: Canyon Ranch Institute/ The Clorox Company; \$728,000; PI of Microbial Assessment Team; UA subcontract, \$78,000. 2011-2012

Lab-On-a-Chip Flow Cytometer for the Detection of Enteroviruses. 5% effort, Principal Investigator. Foundation: UA Foundation Board of Trustees/Office of the Vice President for Research- Faculty Seed/ Community Connection Grant. \$9,835; 2011-2012

Evaluation of Disinfecting Wipes for the Interruption of Pathogen Surrogate Transfer in the Environment. 12% effort, Principal Investigator. Industry: The Clorox Company. \$37,989; 2011-2012

Evaluation of a Healthy Workplace Intervention. 8% effort, Co-Principal Investigator. Industry: Kimberly Clark Corporation. \$85,907; 2011-2012

Toxin Producing Cyanobacteria in Egypt's Suez Canal. 6% effort, Principal Investigator. Federal: U.S.-Egypt Joint Fund. \$60,000. 2007-11

The Occurrence of H1N1 and Seasonal Influenza virus on Household and Day Care Center Fomites. 10% effort, Principal Investigator. Industry: The Clorox Company. \$44,164; 2009-2011.

Indoor Mold Control on Porous Surfaces using Household Bleach. 13% effort, Principal Investigator. Industry: The Clorox Company. \$66,296; 2008-2010

Tracking MRSA in the Environment. 12% effort, Principal Investigator. Industry: The Clorox Company. \$120,000. 2005-09

Integrated Capture and Spectroscopic Detection of Viruses. 5% effort, Co-Principal Investigator; Riley, Mark (co-PI). State: Bio5 Institute. \$42,000; 2006-08

Point-of-Use Drinking Water Devices for Assessing Microbial Contamination in Finished Water and Distribution Systems. 6% effort, Principal Investigator. Federal/State: NSF/WQC. \$57,000; 2007-08

MRSA Prevalence and Exposure Potentials in Paramedic Environments. 15% effort, Principal Investigator. Industry: The Clorox Company. \$44,817; 2007-08

Monitoring Transmission Routes of MRSA in Gymnasiums. 15% effort, Principal Investigator, Industry: The Clorox Company. \$45,110; 2006-07

Evaluation of Point-of-Use Drinking Water Devices for Assessing the Extent of Microbial Contamination of Tap Water. 15% effort, Principal Investigator. Federal/State: NSF/WQC. \$73,000; 2006-07

Monitoring Methicillin-Resistant *Staphylococcus aureus* in the Domestic Environment Using Chromogenic Plating Medium. 15% effort, Principal Investigator. Industry: The Clorox Company. \$177,500; 2006

This is a true and accurate statement of my activities and accomplishments. I understand that misrepresentation in securing promotion and tenure may lead to dismissal or suspension under ABOR Policy 6-201 J.1.b.

Signed:

Kelly A. Reynolds