

Shepard Science Award

Bibliography of Finalists Papers

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Assessment --- 307 Authors

1. Ibraheem S. Al-Tarawneh, Steven J. Wurzelbacher, and Stephen J. Bertke
Comparative analyses of workers' compensation claim of injury among temporary and permanent employed workers in Ohio
American Journal Industrial Medicine 2020; 63(1): p. 3-22.
2. Melissa M Arons, Kelly M Hatfield, Sujana C Reddy, Anne Kimball, Allison James, Jessica R Jacobs, Joanne Taylor, Kevin Spicer, Ana C Bardossy, Lisa P Oakley, Sukarma Tanwar, Jonathan W Dyal, Josh Harney, Zeshan Chisty, Jeneita M Bell, Mark Methner, Prabasaj Paul, Christina M Carlson, Heather P McLaughlin, Natalie Thornburg, Suxiang Tong, Azaibi Tamin, Ying Tao, Anna Uehara, Jennifer Harcourt, Shauna Clark, Claire Brostrom-Smith, Libby C Page, Meagan Kay, James Lewis, Patty Montgomery, Nimalie D Stone, Thomas A Clark, Margaret A Honein, Jeffrey S Duchin, John A Jernigan, for the Public Health-Seattle and King County, and CDC COVID-19 Investigation Team
Presymptomatic SARS-CoV-2 Infections and Transmission in a Skilled Nursing Facility
New England Journal Medicine. 2020; 382(22): p. 2081-2090.
3. Kristina L. Bajema, Ryan E. Wiegand, Kendra Cuffe, Sadhna V. Patel, Ronaldo Iachan, Travis Lim, Adam Lee, Davia Moyse, Fiona P. Havers, Lee Harding, Alicia M. Fry, Aron J. Hall, Kelly Martin, Marjorie Biel, Yangyang Deng, William A. Meyer, 3rd, Mohit Mathur, Tonja Kyle, Adi V. Gundlapalli, Natalie J. Thornburg, Lyle R. Petersen, and Chris Edens
Estimated SARS-CoV-2 Seroprevalence in the US as of September 2020
JAMA Internal Medicine 2021; 181(4): p. 450-460.
4. Stephen R. Benoit, Israel Hora, Francisco J Pasquel, Edward W. Gregg, Ann L. Albright, and Giuseppina Imperatore
Trends in Emergency Department Visits and Inpatient Admissions for Hyperglycemic Crises in Adults With Diabetes in the U.S., 2006-2015
Diabetes Care. 2020; 43(5): p. 1057-1064.
5. Robert Douglas Daniels and Stephen J. Bertke
Exposure-response assessment of cancer mortality in styrene-exposed boatbuilders
Occupational Environmental Medicine 2020; 77(10): p. 706-712.
6. Karrie F. Downing, Naomi K. Tepper, Regina M. Simeone, Elizabeth C. Ailes, Michelle Gurvitz, Sheree L. Boulet, Margaret A. Honein, Penelope P. Howards, Anne M. Valente, and Sherry L. Farr
Adverse Pregnancy Conditions Among Privately Insured Women With and Without Congenital Heart Defects
Circulation: Cardiovascular Quality and Outcomes. 2020; 13(6): p. e006311.

7. Heather C. Hamner and Latetia V. Moore
Dietary quality among children from 6 months to 4 years, NHANES 2011-2016
American Journal Clinical Nutrition 2020; 111(1): p. 61-69.
8. S. Jane Henley, Cheryl C. Thomas, Denise Riedel Lewis, Elizabeth M. Ward, Farhad Islami, Manxia Wu, Hannah K. Weir, Susan Scott, Recinda L. Sherman, Jiemin Ma, Betsy A. Kohler, Kathleen Cronin, Ahmedin Jemal, Vicki B. Benard, and Lisa C. Richardson
Annual report to the nation on the status of cancer, part II: Progress toward Healthy People 2020 objectives for 4 common cancers
Cancer. 2020; 126(10): p. 2250-2266.
9. Megan G. Hofmeister, Jian Xing, Monique A. Foster, Ryan J. Augustine, Cole Burkholder, Jim Collins, Shannon McBee, Erica D. Thomasson, Douglas Thoroughman, Mark K. Weng, and Philip R. Spradling
Factors Associated With Hepatitis A Mortality During Person-to-Person Outbreaks: A Matched Case-Control Study-United States, 2016-2019
Hepatology. 2020. 74 (1)
10. Jean Y. Ko, Melissa L. Danielson, Machell Town, Gordana Derado, Kurt J. Greenlund, Pam Daily Kirley, Nisha B. Alden, Kimberly Yousey-Hindes, Evan J. Anderson, Patricia A. Ryan, Sue Kim, Ruth Lynfield, Salina M. Torres, Grant R. Barney, Nancy M. Bennett, Melissa Sutton, H. Keipp Talbot, Mary Hill, Aron J. Hall, Alicia M. Fry, Shikha Garg, Lindsay Kim, and COVID-NET Surveillance Team
Risk Factors for Coronavirus Disease 2019 (COVID-19)-Associated Hospitalization: COVID-19-Associated Hospitalization Surveillance Network and Behavioral Risk Factor Surveillance System
Clinical Infectious Diseases 2021; 72(11): p. e695-e703.
11. Ryan F. LeBouf, Brie Hawley Blackley, Alyson R. Fortner, Marcia Stanton, Stephen B. Martin, Caroline P. Groth, Tia L. McClelland, Matthew G. Duling, Dru A. Burns, Anand Ranpara, Nicole Edwards, Kathleen B. Fedan, Rachel L. Bailey, Kristin J. Cummings, Randall J. Nett, Jean M. Cox-Ganser, and M. Abbas Virji
Exposures and Emissions in Coffee Roasting Facilities and Cafes: Diacetyl, 2,3-Pentanedione, and Other Volatile Organic Compounds
Frontiers Public Health. 2020; 8: p. 561740.
12. Nilay McLaren, Adriana Lopez, Sarah Kidd, John X. Zhang, W. Allan Nix, Ruth Link-Gelles, Adria Lee, and Janell A. Routh
Characteristics of Patients with Acute Flaccid Myelitis, United States, 2015-2018
Emerging Infectious Diseases 2020; 26(2).
13. Stephanie C. Melkonian, Hannah K. Weir, Melissa A. Jim, Bailey Preikschat, Donald Haverkamp, and Mary C. White
Incidence of and Trends in the Leading Cancers With Elevated Incidence Among American Indian and Alaska Native Populations, 2012-2016
American Journal of Epidemiology. 2021; 190(4): p. 528-538.

14. Martha L. Ospina, Van T. Tong, Maritza Gonzalez, Diana Valencia, Marcela Mercado, Suzanne M. Gilboa, Andrea J. Rodriguez, Sarah C. Tinker, Angelica Rico, Christina M. Winfield, Lissethe Pardo, Jennifer D. Thomas, Greace Avila, Julie M. Villanueva, Sara Gomez, Denise J. Jamieson, Franklyn Prieto, Dana Meaney-Delman, Oscar Pacheco, and Margaret A. Honein
Zika Virus Disease and Pregnancy Outcomes in Colombia
New England Journal of Medicine 2020; 383(6): p. 537-545.
15. Lakshmi Panagiotakopoulos, Natalie L. McCarthy, Naomi K. Tepper, Elyse O. Kharbanda, Heather S. Lipkind, Gabriela Vazquez-Benitez, David L. McClure, Victoria Greenberg, Darios Getahun, Jason M. Glanz, Allison L. Naleway, Nicola P. Klein, Jennifer C. Nelson, and Eric S. Weintraub
Evaluating the Association of Stillbirths After Maternal Vaccination in the Vaccine Safety Datalink
Obstetrics Gynecology 2020; 136(6): p. 1086-1094.
16. Amanda B. Payne, Jason M. Mehal, Christina Chapman, Dana L. Haberling, Lisa C. Richardson, Christopher J. Bean, and W. Craig Hooper
Trends in Sickle Cell Disease-Related Mortality in the United States, 1979 to 2017
Annals of Emergency Medicine 2020; 76(3S): p. S28-S36.
17. Audrey F. Pennington, Lyudmyla Kompaniyets, April D. Summers, Melissa L. Danielson, Alyson B. Goodman, Jennifer R. Chevinsky, Leigh Ellyn Preston, Lyna Z. Schieber, Gonza Namulanda, Joseph Courtney, Heather M. Strosnider, Tegan K. Boehmer, William R. Mac Kenzie, James Baggs, and Adi V. Gundlapalli
Risk of Clinical Severity by Age and Race/Ethnicity Among Adults Hospitalized for COVID-19-United States, March-September 2020
Open Forum Infectious Diseases 2021; 8(2): p. ofaa638.
18. Jin Qin, Mona Saraiya, Gladys Martinez, and George F. Sawaya
Prevalence of Potentially Unnecessary Bimanual Pelvic Examinations and Papanicolaou Tests Among Adolescent Girls and Young Women Aged 15-20 Years in the United States
JAMA Internal Medicine 2020; 180(2): p. 274-280.
19. Laura A. S. Quilter, Alex de Voux, Rachel M. Amiya, Erin Davies, Robin R. Hennessy, Roxanne P. Kerani, Robbie Madera, James Matthias, Victoria M. Pearson, Jaime K. Walters, Craig Wilson, Sarah Kidd, and Elizabeth Torrone
Prevalence of Self-reported Neurologic and Ocular Symptoms in Early Syphilis Cases
Clinical Infectious Diseases 2021; 72(6): p. 961-967.
20. John Rossow, Belinda Ostrowsky, Eleanor Adams, Jane Greenko, Robert McDonald, Snigdha Vallabhaneni, Kaitlin Forsberg, Stephen Perez, Todd Lucas, Karen A. Alroy, Kara Jacobs Slifka, Maroya Walters, Brendan R. Jackson, Monica Quinn, Sudha Chaturvedi, Debra Blog, and New York Candida auris Investigation Workgroup
Factors Associated With Candida auris Colonization and Transmission in Skilled Nursing Facilities With Ventilator Units, New York, 2016-2018
Clinical Infectious Diseases. 2021; 72(11): p. e753-e760.
21. J. Erin Staples, Daniel M. Pastula, Amanda J. Panella, Ingrid B. Rabe, Olga I. Kosoy, William L. Walker, Jason O. Velez, Amy J. Lambert, and Marc Fischer
Investigation of Heartland Virus Disease Throughout the United States, 2013-2017
Open Forum Infectious Diseases 2020; 7(5): p. ofaa125.

22. William Stephens, Grete E. Wilt, Erica Adams Lehnert, Noelle Angelique M. Molinari, and Tanya Telfair LeBlanc
A Spatial and Temporal Investigation of Medical Surge in Dallas-Fort Worth During Hurricane Harvey, Texas 2017
Disaster Medicine and Public Health Preparedness 2020; 14(1): p. 111-118.
23. Elizabeth A. Swedo, Steven A. Sumner, Sietske de Fijter, Luke Werhan, Kirkland Norris, Jennifer L. Beauregard, Martha P. Montgomery, Erica B. Rose, Susan D. Hillis, and Greta M. Massetti
Adolescent Opioid Misuse Attributable to Adverse Childhood Experiences
Journal of Pediatrics. 2020; 224: p. 102-109 e3.
24. Adam S. Vaughan, Linda Schieb, and Michele Casper
Historic and recent trends in county-level coronary heart disease death rates by race, gender, and age group, United States, 1979-2017
PLoS One. 2020; 15(7): p. e0235839.
25. Angela K. Werner, Emilia H. Koumans, Kevin Chatham-Stephens, Phillip P. Salvatore, Christina Armatas, Paul Byers, Charles R. Clark, Isaac Ghinai, Stacy M. Holzbauer, Kristen A. Navarette, Melissa L. Danielson, Sascha Ellington, Erin D. Moritz, Emily E. Petersen, Emily A. Kiernan, Grant T. Baldwin, Peter Briss, Christopher M. Jones, Brian A. King, Vikram Krishnasamy, Dale A. Rose, and Sarah Reagan-Steiner, for the Lung Injury Response Mortality Working Group
Hospitalizations and Deaths Associated with EVALI
New England Journal of Medicine 2020; 382(17): p. 1589-1598.
26. Katherine N. Yoon, Lee A. Greenawald, Dana R. Rottach, Jonisha P. Pollard, and Patrick L. Yorio
A General Framework to Test and Evaluate Filtering Facepiece Respirators Considered for Crisis Capacity Use as a Strategy to Optimize Supply
Journal- International Society for Respiratory Protection 2020; 36(1): p. 36-51.
27. Benjamin Zablotsky, Jessica Rast, Matthew D. Bramlett, and Paul T. Shattuck
Health Care Transition Planning Among Youth with ASD and Other Mental, Behavioral, and Developmental Disorders
Maternal and Child Health Journal 2020; 24(6): p. 796-804.

Data Methods and Study Design---129 Authors

28. Andrew F. Auld, Katherine Fielding, Tefera Agizew, Alice Maida, Anikie Mathoma, Rosanna Boyd, Anand Date, Sherri L. Pals, George Bicego, Yuliang Liu, Ray W. Shiraishi, Peter Ehrenkranz, Christopher Serumola, Unami Mathebula, Heather Alexander, Salome Charalambous, Courtney Emerson, Goabaone Rankgoane-Pono, Pontsho Pono, Alyssa Finlay, James C. Shepherd, Charles Holmes, Tedd V. Ellerbrock, and Alison D. Grant
Risk scores for predicting early antiretroviral therapy mortality in sub-Saharan Africa to inform who needs intensification of care: a derivation and external validation cohort study
BMC Medicine 2020; 18(1): p. 311.
29. Daniel A. Bowen, Jing Wang, Kristin Holland, Brad Bartholow, and Steven A. Sumner
Conversational topics of social media messages associated with state-level mental distress rates
Journal of Mental Health. 2020; 29(2): p. 234-241.
30. Timothy Dignam, James Hodge, Stella Chuke, Carlos Mercado, Adrienne S. Ettinger, and W. Dana Flanders
Use of the CUSUM and Shewhart control chart methods to identify changes of public health significance using childhood blood lead surveillance data
Environmental Epidemiology 2020; 4(2).
31. Andrew N. Hill, Ted Cohen, Joshua A. Salomon, and Nicolas A. Menzies
High-resolution estimates of tuberculosis incidence among non-U.S.-born persons residing in the United States, 2000-2016
Epidemics. 2020; 33: p. 100419.
32. Muhammad Jami Husain, Biplab Kumar Datta, Nigar Nargis, Roberto Iglesias, Anne-Marie Perucic, Indu B. Ahluwalia, Angela Tripp, Sohani Fatehin, Muhammad Mudabbir Husain, Deliana Kostova, and Patricia Richter
Revisiting the association between worldwide implementation of the MPOWER package and smoking prevalence, 2008-2017
Tobacco Control. 2020.
33. Katherine E. Irimata, Yulei He, Bill Cai, Hee-Choon Shin, Van L. Parsons, and Jennifer D. Parker
Comparison of Quarterly and Yearly Calibration Data for Propensity Score Adjusted Web Survey Estimates
Survey Methods: Insights from the Field. 2020; 2020.
34. Xiaoyue Ma, Jesse D. Blanton, Max Francois Millien, Alexandra M. Medley, Melissa D. Etheart, Natael Fénelon, and Ryan M. Wallace
Quantifying the risk of rabies in biting dogs in Haiti
Scientific Reports 2020; 10(1): p. 1062.
35. Michael V. Maciosek, Brian S. Armour, Stephen D. Babb, Steven P. Dehmer, Elizabeth S. Grossman, David M. Homa, Amy B. LaFrance, Robert Rodes, Xu Wang, Zack Xu, Zhuo Yang, and Kakoli Roy
Budgetary impact from multiple perspectives of sustained antitobacco national media campaigns to reduce the harms of cigarette smoking
Tobacco Control. 2020.

36. Kevin A. Matthews, Anne H. Gaglioti, James B. Holt, Anne G. Wheaton, and Janet B. Croft
Estimating health service utilization potential using the supply-concentric demand-accumulation spatial availability index: a pulmonary rehabilitation case study
International Journal of Health Geographics 2020; 19(1): p. 30.
37. Stephanie L. Sansom, Katherine A. Hicks, Justin Carrico, Evin U. Jacobson, Ram K. Shrestha, Timothy A. Green, and David W. Purcell
Optimal Allocation of Societal HIV Prevention Resources to Reduce HIV Incidence in the United States
American Journal of Public Health. 2021; 111(1): p. 150-158.
38. Allan W. Taylor, Dianna M. Blau, Quique Bassat, Dickens Onyango, Karen L. Kotloff, Shams El Arifeen, Inacio Mandomando, Richard Chawana, Vicky L. Baillie, Victor Akelo, Milagritos D. Tapia, Navit T. Salzberg, Adama Mamby Keita, Timothy Morris, Shailesh Nair, Nega Assefa, Anna C. Seale, J. Anthony G. Scott, Reinhard Kaiser, Amara Jambai, Beth A. Tippet Barr, Emily S. Gurley, Jaume Ordi, Sherif R. Zaki, Samba O. Sow, Farzana Islam, Afruna Rahman, Scott F. Dowell, Jeffrey P. Koplan, Pratima L. Raghunathan, Shabir A. Madhi, Robert F. Breiman, and CHAMPS Consortium
Initial findings from a novel population-based child mortality surveillance approach: a descriptive study
Lancet Global Health. 2020; 8(7): p. e909-e919.
39. Kristin VanderEnde, Arend Voorman, Sara Khan, Abhijeet Anand, Cynthia J. Snider, Ajay Goel, and Steve Wassilak
New analytic approaches for analyzing and presenting polio surveillance data to supplement standard performance indicators
Vaccinex. 2020; 4: p. 100059.
40. Oliver Wirth, Anne M. Foreman, Jonathan E. Friedel, and Michael E. Andrew
Two discrete choice experiments on laboratory safety decisions and practices
Journal of Safety Research. 2020; 75: p. 99-110.

Health Equity Science---99 Authors

41. Genevieve Bergeron, Nneka Lundy De La Cruz, L. Hannah Gould, Sze Yan Liu, and Amber Levanon Seligson
Association between racial discrimination and health-related quality of life and the impact of social relationships
Quality of Life Research. 2020; 29(10): p. 2793-2805.
42. Sherry Everett Jones, J. Michael Underwood, Sanjana Pampati, Vi Donna Le, Sarah DeGue, Zewditu Demissie, Susan Hovevar Adkins, and Lisa C. Barrios
School-Level Poverty and Persistent Feelings of Sadness or Hopelessness, Suicidality, and Experiences with Violence Victimization among Public High School Students
Journal of Health Care for the Poor and Underserved. 2020; 31(3): p. 1248-1263.
43. Leora R. Feldstein, Sarah D. Bennett, Concepcion F. Estivariz, Gretchen M. Cooley, Lauren Weil, Mallick Masum Billah, M. Salim Uzzaman, Rajendra Bohara, Maya Vandenberg, Jucy Merina Adhikari, Eva Leidman, Mainul Hasan, Saifuddin Akhtar, Andreas Hasman, Laura Conklin, Daniel Ehlman, A. Alamgir, and Meerjady Sabrina Flora
Vaccination coverage survey and seroprevalence among forcibly displaced Rohingya children, Cox's Bazar, Bangladesh, 2018: A cross-sectional study
PLOS Medicine. 2020; 17(3): p. e1003071.
44. Kaori Fujishiro, Leslie A. MacDonald, and Virginia J. Howard
Job complexity and hazardous working conditions: How do they explain educational gradient in mortality?
Journal of Occupational Health Psychology. 2020; 25(3): p. 176-186.
45. Charleigh J. Granade, Russell F. McCord, Alexandra A. Bhatti, and Megan C. Lindley
State Policies on Access to Vaccination Services for Low-Income Adults
JAMA Network Open. 2020; 3(4): p. e203316.
46. William L. Jeffries IV, Stephen A. Flores, Cherie R. Rooks-Peck, Deborah J. Gelaude, Lisa Belcher, Philip M. Ricks, and Gregorio A. Millett
Experienced Homophobia and HIV Infection Risk Among U.S. Gay, Bisexual, and Other Men Who Have Sex with Men: A Meta-Analysis
LGBT Health. 2021; 8(1): p. 1-10.
47. Samuel M. Jenness, Jordan A. Johnson, Karen W. Hoover, Dawn K. Smith, and Kevin P. Delaney
Modeling an integrated HIV prevention and care continuum to achieve the Ending the HIV Epidemic goals
AIDS. 2020; 34(14): p. 2103-2113.
48. Xu Ji, Shanna Cox, Scott D. Grosse, Wanda D. Barfield, Brian S. Armour, Elizabeth A. Courtney-Long, and Rui Li
Association of smoke-free laws with preterm or low birth weight deliveries-A multistate analysis
Health Services Research. 2021; 56(1): p. 61-72.
49. Emily Mosites, Brian Lefferts, Sara Seeman, Gerald January, Jennifer Dobson, David Fuente, Michael Bruce, Timothy Thomas, and Thomas Hennessy
Community water service and incidence of respiratory, skin, and gastrointestinal infections in rural Alaska, 2013-2015
International Journal of Hygiene and Environmental Health. 2020; 225: p. 113475.

50. Cynthia A. Pate, Xiaoting Qin, Cathy M. Bailey, and Hatice S. Zahran
Cost barriers to asthma care by health insurance type among children with asthma
Journal of Asthma. 2020; 57(10): p. 1103-1109.

51. Yinan Peng, Robert A. Hahn, Ramona K. C. Finnie, Jamaica Cobb, Samantha P. Williams, Jonathan E. Fielding, Robert L. Johnson, Ann Elizabeth Montgomery, Alex F. Schwartz, Carles Muntaner, Veronica Helms Garrison, Beda Jean-Francois, Benedict I. Truman, Mindy T. Fullilove, and Community Preventive Services Task Force
Permanent Supportive Housing With Housing First to Reduce Homelessness and Promote Health Among Homeless Populations With Disability: A Community Guide Systematic Review
Journal of Public Health Management Practice 2020; 26(5): p. 404-411.

52. Whitney L. Rostad, Katie A. Ports, Shichao Tang, and Joanne Klevens
Reducing the Number of Children Entering Foster Care: Effects of State Earned Income Tax Credits
Child Maltreatment-Journal. 2020; 25(4): p. 393-397.

53. Lia C. Scott, Shelton Bartley, Nicole F. Dowling, and Lisa C. Richardson
Finding "Bright Spots": Using Multiple Measures to Examine Local-Area Racial Equity in Cancer Mortality Outcomes
American Journal of Epidemiology. 2021; 190(4): p. 673-680.

54. Makram Talih, Ramal Moonesinghe, and David T. Huang
Measuring the Magnitude of Health Inequality Between 2 Population Subgroup Proportions
American Journal of Epidemiology 2020; 189(9): p. 987-996.

55. John K. Weiser, Yunfeng Tie, Linda Beer, Robyn Neblett Fanfair, and Roy Luke Shouse
Racial/Ethnic and Income Disparities in the Prevalence of Comorbidities that Are Associated With Risk for Severe COVID-19 Among Adults Receiving HIV Care, United States, 2014-2019
Journal of Acquired Immune Deficiency Syndrome 2021; 86(3): p. 297-304.

Laboratory Science---217 Authors

56. Sridhar V. Basavaraju, Monica E. Patton, Kacie Grimm, Mohammed Ata Ur Rasheed, Sandra Lester, Lisa Mills, Megan Stumpf, Brandi Freeman, Azaibi Tamin, Jennifer Harcourt, Jarad Schiffer, Vera Semenova, Han Li, Bailey Alston, Muiyiwa Ategbale, Shanna Bolcen, Darbi Boulay, Peter Browning, Li Cronin, Ebenezer David, Rita Desai, Monica Epperson, Yamini Gorantla, Tao Jia, Panagiotis Maniatis, Kimberly Moss, Kristina Ortiz, So Hee Park, Palak Patel, Yunlong Qin, Evelene Steward-Clark, Heather Tatum, Andrew Vogan, Briana Zellner, Jan Drobeniuc, Matthew R. P. Sapiiano, Fiona Havers, Carrie Reed, Susan Gerber, Natalie J. Thornburg, and Susan L. Stramer
Serologic testing of U.S. blood donations to identify SARS-CoV-2-reactive antibodies: December 2019-January 2020
Clinical Infectious Diseases. 2020.
57. Kim M. Gernert, Sandra Seby, Matthew W. Schmerer, Jesse C. Thomas IV, Cau D. Pham, Sancta St Cyr, Karen Schlanger, Hillard Weinstock, William M. Shafer, Brian H. Raphael, Ellen N. Kersh, and the Antimicrobial-Resistant Neisseria gonorrhoeae Working Group
Azithromycin susceptibility of Neisseria gonorrhoeae in the USA in 2017: a genomic analysis of surveillance data
Lancet Microbe. 2020; 1(4): p. e154-e164.
58. Jonathan C. Guito, Joseph B. Prescott, Catherine E. Arnold, Brian R. Amman, Amy J. Schuh, Jessica R. Spengler, Tara K. Sealy, Jessica R. Harmon, JoAnn D. Coleman-McCray, Kirsten A. Kulcsar, Elyse R. Nagle, Raina Kumar, Gustavo F. Palacios, Mariano Sanchez-Lockhart, and Jonathan S. Towner
Asymptomatic Infection of Marburg Virus Reservoir Bats Is Explained by a Strategy of Immunoprotective Disease Tolerance
Current Biology. 2021; 31(2): p. 257-270.e5.
59. Jennifer Harcourt, Azaibi Tamin, Xiaoyan Lu, Shifao Kamili, Senthil K Sakthivel, Janna Murray, Krista Queen, Ying Tao, Clinton R. Paden, Jing Zhang, Yan Li, Anna Uehara, Haibin Wang, Cynthia Goldsmith, Hannah A. Bullock, Lijuan Wang, Brett Whitaker, Brian Lynch, Rashmi Gautam, Craig Schindewolf, Kumari G. Lokugamage, Dionna Scharton, Jessica A. Plante, Divya Mirchandani, Steven G. Widen, Krishna Narayanan, Shinji Makino, Thomas G. Ksiazek, Kenneth S. Plante, Scott C. Weaver, Stephen Lindstrom, Suxiang Tong, Vineet D. Menachery, and Natalie J. Thornburg
Severe Acute Respiratory Syndrome Coronavirus 2 from Patient with Coronavirus Disease, United States
Emerging Infectious Diseases. 2020; 26(6): p. 1266-1273.
60. T. O. Khaliullin, E. R. Kisin, S. Guppi, N. Yanamala, V. Zhernovkov, and A. A. Shvedova
Differential responses of murine alveolar macrophages to elongate mineral particles of asbestiform and non-asbestiform varieties: Cytotoxicity, cytokine secretion and transcriptional changes
Toxicology Applied Pharmacology 2020; 409: p. 115302.
61. Luke Kingry, Sarah Sheldon, Stephanie Oatman, Bobbi Pritt, Melissa Anacker, Jenna Bjork, David Neitzel, Anna Strain, Jon Berry, Lynne Sloan, Laurel Respicio-Kingry, Elizabeth Dietrich, Karen Bloch, Abelardo Moncayo, Ganesh Srinivasamoorthy, Bin Hu, Alison Hinckley, Paul Mead, Kiersten Kugeler, and Jeannine Petersen
Targeted Metagenomics for Clinical Detection and Discovery of Bacterial Tick-Borne Pathogens
Journal Clinical Microbiology 2020; 58(11).

62. Jennifer L Konopka-Anstadt, Ray Campagnoli, Annelet Vincent, Jing Shaw, Ling Wei, Nhien T. Wynn, Shane E. Smithee, Erika Bujaki, Ming Te Yeh, Majid Laassri, Tatiana Zagorodnyaya, Amy J. Weiner, Konstantin Chumakov, Raul Andino, Andrew Macadam, Olen Kew, and Cara C. Burns
Development of a new oral poliovirus vaccine for the eradication end game using codon deoptimization
Nature Partner Journals Vaccines. 2020; 5(1): p. 26.
63. Chol Seung Lim, Dale W. Porter, Marlene S. Orandle, Brett J. Green, Mark A. Barnes, Tara L. Croston, Michael G. Wolfarth, Lori A. Battelli, Michael E. Andrew, Donald H. Beezhold, Paul D. Siegel, and Qiang Ma
Resolution of Pulmonary Inflammation Induced by Carbon Nanotubes and Fullerenes in Mice: Role of Macrophage Polarization
Frontiers in Immunology. 2020; 11: p. 1186.
64. Ivana Massud, Susan Ruone, Maria Zlotorzynska, Richard Haaland, Patrick Mills, Mian-Er Cong, Kristen Kelley, Ryan Johnson, Angela Holder, Chuong Dinh, George Khalil, Yi Pan, Colleen F. Kelley, Travis Sanchez, Walid Heneine, and J. Gerardo Garcia-Lerma
Single oral dose for HIV pre or post-exposure prophylaxis: user desirability and biological efficacy in macaques
EBioMedicine - The Lancet. 2020; 58: p. 102894.
65. Heather P. McLaughlin, Julia V. Bugrysheva, Andrew B. Conley, Christopher A. Gulvik, Blake Cherney, Cari B. Kolton, Chung K. Marston, Elke Saile, Erin Swaney, David Lonsway, Amy S. Gargis, Thiphasone Kongphet-Tran, Christine Lascols, Pierre Michel, Julie Villanueva, Alex R. Hoffmaster, Jay E. Gee, and David Sue
Rapid Nanopore Whole-Genome Sequencing for Anthrax Emergency Preparedness
Emerging Infectious Disease. 2020; 26(2): p. 358-361.
66. Fernanda S. Nascimento, Joel Barratt, Katelyn Houghton, Mateusz Plucinski, Julia Kelley, Shannon Casillas, Carolyne Cody Bennett, Cathy Snider, Rashmi Tuladhar, Jenny Zhang, Brooke Clemons, Susan Madison-Antenucci, Alexis Russell, Elizabeth Cebelinski, Jisun Haan, Trisha Robinson, Michael J. Arrowood, Eldin Talundzic, Richard S. Bradbury, and Yvonne Qvarnstrom
Evaluation of an ensemble-based distance statistic for clustering MLST datasets using epidemiologically defined clusters of cyclosporiasis
Epidemiology and Infection. 2020; 148: p. e172.
67. Dongxia Wang, Jakub Baudys, Jonathan L. Bundy, Maria Solano, Theodore Keppel, and John R. Barr
Comprehensive Analysis of the Glycan Complement of SARS-CoV-2 Spike Proteins Using Signature Ions-Triggered Electron-Transfer/Higher-Energy Collisional Dissociation (ETHcD) Mass Spectrometry
Analytical Chemistry 2020; 92(21): p. 14730-14739.

Prevention and Control---182 Authors

68. Ryusuke Ae, Joseph Y. Abrams, Ryan A. Maddox, Lawrence B. Schonberger, Yosikazu Nakamura, Masanari Kuwabara, Nobuko Makino, Yuri Matsubara, Koki Kosami, Teppei Sasahara, and Ermias D. Belay
Corticosteroids Added to Initial Intravenous Immunoglobulin Treatment for the Prevention of Coronary Artery Abnormalities in High-Risk Patients With Kawasaki Disease
Journal of the American Heart Association 2020; 9(17): p. e015308.
69. Fatma Romeh M. Ali, Linda Neff, Xu Wang, S. Sean Hu, Anna Schechter, Margaret Mahoney, and Paul C. Melstrom
Tobacco-Free Pharmacies and U.S. Adult Smoking Behavior: Evidence From CVS Health's Removal of Tobacco Sales
American Journal of Preventive Medicine. 2020; 58(1): p. 41-49.
70. Andrew F. Auld, Tefera Agizew, Anikie Mathoma, Rosanna Boyd, Anand Date, Sherri L. Pals, Christopher Serumola, Unami Mathebula, Heather Alexander, Tedd V. Ellerbrock, Goabaone Rankgoane-Pono, Pontsho Pono, James C. Shepherd, Katherine Fielding, Alison D. Grant, and Alyssa Finlay
Effect of tuberculosis screening and retention interventions on early antiretroviral therapy mortality in Botswana: a stepped-wedge cluster randomized trial
BMC Medicine 2020; 18(1): p. 19.
71. Rachel M. Burke, Holly C. Groom, Allison L. Naleway, Eric M. Katz, Bianca Salas, Claire P. Mattison, Judy Donald, Laura Tsaknaridis, Christianne Biggs, Michael D. Bowen, Jacqueline E. Tate, Umesh D. Parashar, Mark Schmidt, and Aron J. Hall
Rotavirus Vaccine Is Effective Against Rotavirus Gastroenteritis Resulting in Outpatient Care: Results From the Medically Attended Acute Gastroenteritis (MAAGE) Study
Clinical Infectious Diseases 2021; 72(11): p. 2000-2005.
72. Christine L. Dubray, Anita D. Sircar, Valery Madsen Beau de Rochars, Joshua Bogus, Abdel N. Direny, Jean Romuald Ernest, Carl R. Fayette, Charles W. Goss, Marisa Hast, Kobie O'Brian, Guy Emmanuel Pavilus, Daniel Frantz Sabin, Ryan E. Wiegand, Gary J. Weil, and Jean Frantz Lemoine
Safety and efficacy of co-administered diethylcarbamazine, albendazole and ivermectin during mass drug administration for lymphatic filariasis in Haiti: Results from a two-armed, open-label, cluster-randomized, community study
PLoS Neglected Tropical Diseases 2020; 14(6): p. e0008298.
73. Kevin L. Dunn, Duane Hammond, Kevin Menchaca, Gary Roth, and Kevin H. Dunn
Reducing ultrafine particulate emission from multiple 3D printers in an office environment using a prototype engineering control
Journal of Nanoparticle Research 2020; 22(5): p. 112.
74. Maxim Gakh, Gregory Sunshine, Alexa Limeres, and Lainie Rutkow
Governors' Use of Executive Orders and Proclamations in Hurricane Response, 2006-2018
Health Security 2020; 18(6): p. 489-495.

75. Isaac Ghinai, Tristan D. McPherson, Jennifer C. Hunter, Hannah L. Kirking, Demian Christiansen, Kiran Joshi, Rachel Rubin, Shirley Morales-Estrada, Stephanie R. Black, Massimo Pacilli, Marielle J. Fricchione, Rashmi K. Chugh, Kelly A. Walblay, N. Seema Ahmed, William C. Stoecker, Nausheen F. Hasan, Deborah P. Burdsall, Heather E. Reese, Megan Wallace, Chen Wang, Darcie Moeller, Jacqueline Korpics, Shannon A. Novosad, Isaac Benowitz, Max W. Jacobs, Vishal S. Dasari, Megan T. Patel, Judy Kauerauf, E. Matt Charles, Ngozi O. Ezike, Victoria Chu, Claire M. Midgley, Melissa A. Rolfes, Susan I. Gerber, Xiaoyan Lu, Stephen Lindstrom, Jennifer R. Verani, Jennifer E. Layden, Illinois COVID-19 Investigation Team
First known person-to-person transmission of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) in the USA
Lancet. 2020; 395(10230): p. 1137-1144.
76. E. Rickamer Hoover, Nicole Hedeem, Amy Freeland, Anita Kambhampati, Daniel Dewey-Mattia, Kristi-Warren Scott, Aron Hall, and Laura Brown
Restaurant Policies and Practices Related to Norovirus Outbreak Size and Duration
Journal of Food Protection. 2020; 83(9): p. 1607-1618.
77. Omoye E. Imoisili, Elizabeth A. Lundeen, David S. Freedman, Lindsay S. Womack, Jessica Wallace, Simon J. Hambidge, Steven Federico, Rachel Everhart, Delia Harr, Jillian Vance, Lyudmyla Kompaniyets, Carrie Dooyema, Sohyun Park, Heidi M. Blanck, and Alyson B. Goodman
Body Mass Index and Blood Pressure Improvements With a Pediatric Weight Management Intervention at Federally Qualified Health Centers
Academic Pediatrics Journal 2021; 21(2): p. 312-320.
78. Sarah Mbaeyi, Tracy Pondo, Amy Blain, David Yankey, Caelin Potts, Amanda Cohn, Susan Hariri, Nong Shang, and Jessica R. MacNeil
Incidence of Meningococcal Disease Before and After Implementation of Quadrivalent Meningococcal Conjugate Vaccine in the United States
JAMA Pediatrics 2020; 174(9): p. 843-851.
79. Jareen Meinzen-Derr, Susan Wiley, Wendy Grove, Mekibib Altaye, Marcus Gaffney, Ashley Satterfield-Nash, Alonzo T. Folger, Georgina Peacock, and Coleen Boyle
Kindergarten Readiness in Children Who Are Deaf or Hard of Hearing Who Received Early Intervention
Pediatrics. 2020; 146(4).
80. Laura C. Steinhardt, Thomas L. Richie, Reuben Yego, Dorcas Akach, Mary J. Hamel, Julie R. Gutman, Ryan E. Wiegand, Elizabeth L. Nzuu, Allan Dungani, Natasha KC, Tooba Murshedkar, L. W. Preston Church, B. Kim Lee Sim, Peter F. Billingsley, Eric R. James, Yonas Abebe, Simon Kariuki, Aaron M. Samuels, Kephass Otieno, Tony Sang, S. Patrick Kachur, David Styers, Kelly Schlessman, Ginnie Abarbanell, Stephen L. Hoffman, Robert A. Seder, and Martina Oneko
Safety, Tolerability, and Immunogenicity of Plasmodium falciparum Sporozoite Vaccine Administered by Direct Venous Inoculation to Infants and Young Children: Findings From an Age De-escalation, Dose-Escalation, Double-blind, Randomized Controlled Study in Western Kenya
Clinical Infectious Diseases. 2020; 71(4): p. 1063-1071.
81. Steven J. Wurzelbacher, Michael P. Lampl, Stephen J. Bertke, and Chih-Yu Tseng
The effectiveness of ergonomic interventions in material handling operations
Applied Ergonomics 2020; 87: p. 103139.

The Lifetime Achievement Award----7 LSA

- 1. Name of nominee: Robert Fontaine**
Nominating CIO: Center for Global Health

- 2. Name of nominee: David Freedman**
Nominating CIO: National Center for Chronic Disease Prevention and Health Promotion

- 3. Name of nominee: Andrew Vernon, MD, MHS**
Nominating CIO: National Center HIV/AIDS, Viral Hepatitis, STD, and TB Prevention

- 4. Name of nominee: David N. Weissman, MD**
Nominating CIO: National Institute for Occupational Safety and Health

- 5. Name of nominee: Stuart Nichol**
Nominating CIO: National Center for Emerging and Zoonotic Infectious Diseases

- 6. Name of nominee: Alexander Crosby**
Nominating CIO: National Center for Injury Prevention and Control

- 7. Name of nominee: Mark A. Pallansch**
Nominating CIO: National Center Immunization and Respiratory Diseases