

SHS Faculty Scholarship

Mozhgon Rajaei, MPH, PhD

Program: Health Sciences, Master of Public Health

PEER-REVIEWED JOURNAL PUBLICATIONS

- 1) **Rajaei**, M., Renne, E. P., and Basu, N. "Association of organic and inorganic mercury on blood pressure in a small-scale gold mining community of Ghana", in preparation.
- 2) **Rajaei**, M., Long, R. N., Renne, E. P., and Basu, N. Mercury Exposure Assessment and Spatial Distribution in A Ghanaian Small-Scale Gold Mining Community. *Int J Environ Res Public Health*. 2015 Sep 1; 12(9): 10755-82.
- 3) **Rajaei M** Sanchez BN, Renne EP, Basu N. An Investigation of Organic and Inorganic Mercury Exposure and Blood Pressure in a Small-Scale Gold Mining Community in Ghana. *Int J Environ Res Public Health*. 2015 Aug 21; 12(8): 10020-38.
- 4) **Rajaei M**, Obiri S, Green A, Long R, Cobbina SH, Nartey V, Buck D, Antwi E, Basu N. Integrated Assessment of Artisanal and Small-Scale Gold Mining in Ghana-Part 2: Natural Sciences Review. *Int J Environ Res Public Health*. 2015 Jul 31; 12(8): 8971-9011.
- 5) Basu N, Clarke E, Green A, Calys-Tagoe B, Charn L, Dzodzomenyo M, Fobil J, Long Rn, Neitzel RL, Obiri S, Odei E, Ovadje L, Quansah R, **Rajaei M**, Wilson ML. Integrated assessment of artisanal and small-scale gold mining in Ghana--part 1: human health review. *Int J Environ Res Public Health*. 2015 May 13; 12(5): 5143-76.
- 6) Sherman, S., Blum, J. D., Basu, N., **Rajaei**, M., Evers, D. C., Buck, D. G., Petrlik, J., & DiGangi, J. "Assessment of mercury exposure among small-scale gold miners using mercury stable isotopes", submitted to *Environmental Research*, 2014.
- 7) Long, R., Renne, E., Robins, T., Wilson, M., Pelig-Ba, K., **Rajaei**, M., Yee, A., Koomson, E., Sharp, C., Lu, J., & Basu, N. "Water values in a Ghanaian small-scale gold mining community", *Human Organization*, 2013, 72(3).
- 8) Brown, R., Etue, E., Fox, E., **Rajaei**, M., Schafrick, N., Kweon, B., & Mohai, P. "Developing a policy on environmental quality, schools and health", *Masters Project Report*, University of Michigan Deep Blue, May 2012.
- 9) Renne, E., Basu, N., Gager, E., Koomson, E., Lee, B., Lee, S., Leeth, A., Manigault, D., III, **Rajaei**, M., Sajjad, A., Smith, M., and Yee, A. "Women's work, health and the environment in a small-scale mining site in northeastern Ghana", *Women & Environments International*, 2011 (86/87).

CONFERENCES, PRESENTATIONS, POSTERS, ABSTRACTS

- 1) **Rajaee, M.**, Long, R. N., & Basu, N. “Mercury deposition and mass-balance in Ghanaian artisanal and small-scale gold mining communities”, poster presentation at the International Conference on Mercury as a Global Pollutant, 16 Jul 2015.
- 2) **Rajaee, M.**, Obiri, S., Green, A., Long, R., Cobbina, S., Nartey, V., Buck, D., Antwi, E., & Basu, N. “Ecological impacts of artisanal and small-scale gold mining in Ghana”, oral platform presentation at the International Conference on Mercury as a Global Pollutant, 18 Jul 2015.
- 3) **Rajaee, M.**, Long, R. N., Robins, T. G., Renne, E. P., and Basu, N. “Associations of organic and inorganic mercury exposure and blood pressure in a small-scale gold mining community in Ghana”, oral platform presentation at the International Society for Environmental Epidemiology Conference, 28 Aug 2014.
- 4) **Rajaee, M.**, Long, R. N., Robins, T. G., Renne, E. P., and Basu, N. “Soil ingestion as a route of mercury exposure in a Ghanaian small-scale gold mining community”, poster presentation at the International Society for Environmental Epidemiology Conference, 27 Aug 2014.
- 5) **Rajaee, M.**, Long, R., Yee, A., Robins, T., Wilson, M., Renne, E., & Basu, N. “Respiratory symptoms and elemental mercury exposure in a small-scale gold mining community in Ghana”, poster presentation at the International Conference on Mercury as a Global Pollutant, 30 July 2013.
- 6) **Rajaee, M.**, Brown, B., Etue, E., Fox, E., Schafrick, N., Kweon, B., & Mohai, P. “Developing a policy on environmental quality, schools, and health in Michigan”, oral platform presentation at the Developing Policy on Environmental Quality, Schools and Health Conference, 11 May 2013.
- 7) **Rajaee, M.**, Long, R., Yee, A. K., Sharp, C., Lu, J. K., Koomson, E., Wilson, M., Robins, T., Renne, E. P., & Basu, N. “Multimedia exposure assessment of mercury in a small-scale gold mining community in northeast Ghana”, poster presentation at the International Society for Environmental Epidemiology Conference, 28 Aug 2012.
- 8) Brown, R., Etue, E., Fox, E., **Rajaee, M.**, Schafrick, N., Kweon, B., & Mohai, P. “Developing policy on environmental quality, schools, and health”, poster presentation at the Sujal Parikh Memorial Symposium for Health and Social Justice National Conference, 24 Mar 2012.
- 9) **Rajaee, M.**, Yee, A. K., Leeth, A. N., Manigault, III, D. F., Renne, E. P., & Basu, N. “Multimedia measurements of mercury and other toxic metals in a small-scale gold mining community in northeast Ghana”, oral platform presentation at the International Conference on Mercury as a Global Pollutant, 26 Jul 2011.