Short Resume	
Work Experience	Bonn International School Health Educationalist 03.2022 - 12.2023
	World Health Organization European Centre for Environment and Health (WHO ECEH) Consultant 7.2022 – 7.2023
	WHO Philippines Country Office Consultant 02.2019 - 05.2019
	WHO ECEH External Contractor 11.2013 - 05.2017 (completed five [5] work contracts)
	Santa Clara County, California, Pediatrics Clinic Registered Nurse 11.2012 - 05.2013
	WHO ECEH Consultant 05.2012 - 08.2012
	Stanford University / Lucile Packard Children's Hospital Registered Nurse 07.2005 - 04.2012
Education	PhD, With great honor (Public Health, Nutrition Science), University of Bonn, Center for Development Research (ZEF), Bonn, Germany 10.2015 - 02.2022
	German language, University of Cologne, Germany 10.2013 - 09.2015
	Master of Science, 4.0 / 4.0 GPA (Equivalent to <i>With highest honor</i>) (Nursing Major with emphasis on Health Policy), University of California, San Francisco, U.S.A. 09.2009 - 06.2011
	Bachelor of Science, <i>With Honor</i> (Nursing Major, Humanities Minor), San Jose State University, California, U.S.A. 08.2000 - 12.2004
Internships	WHO ECEH 09.2011 - 11.2011
	WHO Washington, D.C., Office 06.2011 - 09.2011
	Santa Clara County, California, Board of Supervisors 08.2010 - 09.2010
	National Assembly on School-Based Health Care 06.2010 - 07.2010
	Palo Alto Medical Foundation Research Institute 03.2010 - 05.2010
Research Skills	Research project management: designing and implementing community- and school-based epidemiological surveys on water, sanitation, and hygiene (WaSH); evaluating impacts of cluster-randomized controlled trial (RCT); disseminating

	findings to diverse audience of stakeholders and international experts. Effective leadership in supervising team of 30 field research assistants.		
Languages	English (native), Spanish (fluent), German (intermediate, B.2.2), Filipino / Tagalog (beginner).		
Publications			
Academic Articles (Peer-Reviewed)	Sangalang, S., Medina, S., Ottong, Z., Lemence, A., Totanes, D., Singon, P., Olaguera, M., Prado, N., Ocaña, R., Canja, R., Benolirao, A., Mariano, S., Gavieres, J., Aquino, C., Latag, E., Anglo, J., Kistemann, T., & Borgemeister, C. (2023). Effectiveness of a school-based water, sanitation, and hygiene intervention to improve handwashing, health literacy, and nutrition status: results from a cluster-randomized controlled trial in Metro Manila, Philippines. <i>BMC Public Health</i> , 22, 2034 (2022). https://doi.org/10.1186/s12889-022-14398-w		
	Sangalang, S., Prado, N., Lemence, A., Cayetano, M., Lu, J., Valencia, J., Kistemann, T., & Borgemeister, C. (2022). Diarrhoea, malnutrition, and dehydration associated with school water, sanitation, and hygiene in Metro Manila, Philippines: A cross-sectional study. <i>Science of The Total Environment</i> , https://doi.org/10.1016/j.scitotenv.2022.155882		
	Sangalang, S., Medina, S., Ottong, Z., Lemence, A., Totanes, D., Valencia, J., Singon, P., Olaguera, M., Prado, N., Ocaña, R., Canja, R., Benolirao, A., Mariano, S., Gavieres, J., Aquino, C., Latag, E., Anglo, J., Borgemeister, C., & Kistemann, T. (2021). Protocol for a trial assessing the impacts of school-based WaSH interventions on children's health literacy, handwashing, and nutrition status in low-and middle-income countries. <i>International Journal of Environmental Research and Public Health</i> , 18, (226). DOI: 10.3390/ijerph18010226		
	Chapman, E., Reveiz, L., Sangalang, S., Manu, M., Bonfill, X., Muñoz, S., & Abalos, E. (2014). A survey study identified global research priorities for decreasing maternal mortality. <i>Journal of Clinical Epidemiology</i> , 67 (3): 314-24. DOI: 10.1016/j.jclinepi.2013.10.007		
	Reveiz, L., Sangalang, S., Glujovsky, D., Pinzon, C., Asenjo Lobos, C., Cortes, M., Cañón, M., Bardach, A., Cardona, A., & Bonfill, X. (2013). Characteristics of randomized trials published in Latin America and the Caribbean according to funding source. <i>Public Library of Science (PLoS) ONE</i> , 8 (2), e56410. DOI: 10.1371/journal.pone.0056410		
	Chapman, E., Reveiz, L., Chambliss, A., Sangalang, S., & Bonfil, X. (2013). Cochrane systematic reviews are useful to map research gaps for decreasing maternal mortality. <i>Journal of Clinical Epidemiology</i> , 66 (1), 105-11. PMID: 23177899.		
Conference Proceedings	Sangalang, S., Borgemeister, C., Kistemann, T., Singson, P., Anglo, V., Ramos, M., Cumagun, M. & Liao, J. (2021). "Associations between water, sanitation, and hygiene and children's self-reported health status and observed stunting in Manila, Philippines: preliminary findings <i>Journal of Tropical Medicine & International Health</i> . Special issue of abstracts from the 12th European Congress on Tropical Medicine & International Health (ECTMIH). https://onlinelibrary.wiley.com/toc/13653156/2021/26/S1		
	Sangalang, S., Borgemeister, C., V., Kistemann, T., Ottong, Z., Lemence, A., Medina, S., & Singson, P. (2021). "School-based water, sanitation and hygiene intervention to improve children's nutrition, and hydration status in Manila, Philippines: A cluster-randomized controlled trial." <i>Journal of Tropical Medicine & International Health.</i> Special issue of abstracts from the 12th ECTMIH. https://onlinelibrary.wiley.com/toc/13653156/2021/26/S1		
	Sangalang, S., Borgemeister, C., V., Kistemann, T., Ottong, Z., Lemence, A., Medina, S., & Singson, P. (2021). "Schoolchildren's hygiene-related health literacy and handwashing practices: results of a cluster-randomized controlled trial in Manila, Philippines." <i>Journal of Tropical Medicine & International Health</i> . Special issue of		

abstracts from the 12th ECTMIH.

https://onlinelibrary.wiley.com/toc/13653156/2021/26/S1

Sangalang, S., Singson, P., Anglo, V., Kistemann, T., & Borgemeister, C. (2021). "Food insecurity, socio-environmental determinants, and child and adolescent malnutrition and dehydration in Manila, Philippines: a cross-sectional study." *Environmental Health Perspectives.* Special issue of abstracts from the 33rd Annual Conference of the International Society for Environmental Epidemiology (ISEE). https://ehp.niehs.nih.gov/collections/isee/2021

Sangalang, S., Ottong, Z., Lemence, A., Singson, P., Anglo, V., Kistemann, T., & Borgemeister, C. (2021). "A school-based water, sanitation, and hygiene intervention and children's nutrition status and hydration: a cluster-randomized controlled trial in Manila". *Environmental Health Perspectives*. Special Issue of abstracts from the 33rd Annual Conference of the ISEE. https://ehp.niehs.nih.gov/collections/isee/2021

Sangalang, S. (2015). Environmental factors and fatal injuries during Typhoon Haiyan: a framework for assessing impact, mitigating risk, and promoting resilience during natural disasters. *Tropical Medicine & International Health*, vol. 20, issue supplement S1, O.5.4.1.003.

http://onlinelibrary.wiley.com/doi/10.1111/tmi.12575/epdf

Sangalang, S. (2015). Framework for integrated natural disaster impact assessment: Lessons from Typhoon Haiyan. In the 2015 International Association for Impact Assessment (IAIA) Annual Conference Proceedings. http://conferences.iaia.org/2015/draft_papers.php

Contribution to Scientific and Technical Reports

WHO Regional Office for Europe. (2023). *Driving transformative action: from Ostrava to Budapest and beyond with National Portfolios of Actions on Environment and Health - Policy brief* [Conceptualized methodology and structure and contents of brief.]

WHO Regional Office for Europe. (2023). Summary report of the extraordinary meeting of the European Environment and Health Task Force (EHTF) Bureau (9 June 2023). [Drafted and edited report.]

WHO Regional Office for Europe. (2023). Summary report on the extraordinary meeting of the European EHTF Bureau (8 May 2023). [Drafted and edited report.]

WHO Regional Office for Europe. (2023). Annotated version of the draft Declaration of the Seventh Ministerial Conference on Environment and Health, April 2023. [Drafted and edited document.]

WHO Regional Office for Europe. (2023). Report of the eleventh EHTF Bureau meeting (28 February - 1 March 2023). [Drafted and edited report.]

WHO Regional Office for Europe. (2023). Annotated version of the draft Declaration of the Seventh Ministerial Conference on Environment and Health, February 2023. [Drafted and edited document.]

WHO Regional Office for Europe. (2022). European Environment and Health Process Newsletter (October - December 2022). [Drafted and edited document.]

WHO Regional Office for Europe. (2022). European Environment and Health Process Newsletter (July - September 2022). [Drafted and edited document.]

WHO Regional Office for Europe. (2022). Annotated version of the draft Declaration of the Seventh Ministerial Conference on Environment and Health, November 2022. [Drafted and edited document.]

WHO Regional Office for Europe. (2022). Report of the tenth EHTF Bureau meeting outcomes (27 October 2022). [Drafted and edited report.]

WHO Western Pacific Region, Philippines Country Office. (2019). Conduct of School-based Health Surveys in Selected High Schools in Navotas and Quezon City. [Study design, management of data collection, data analyses and interpretation, and report writing and editing.]

WHO Western Pacific Region, Philippines Country Office. (2019). *School survey questionnaire*. [Development of 64-item data collection instrument based on the Global School-based Student Health Survey (GSHS).] Sample questionnaire available upon request.

WHO Western Pacific Region, Philippines Country Office. (2019). Field operations manual: conduct of school-based health survey in selected high schools in Navotas and Quezon City. [Conceptualized and proofread the report.]

WHO Western Pacific Region, Philippines Country Office. (2019). *Inception report:* conduct of school-based health survey in selected high schools in Navotas and Quezon City. [Conceptualized and proofread the report.]

WHO Regional Office for Europe. (2018). *Environmental Noise Guidelines for the European Region*. [Data Extraction and reporting of systematic evidence reviews.] http://www.euro.who.int/__data/assets/pdf_file/0008/ 383921/noise-guidelines-eng.pdf?ua=1

WHO Regional Office for Europe. (2018). Results from the search for available systematic reviews and meta-analyses on environmental noise". (2018). [Language editing and formatting.] https://www.euro.who.int/en/health-topics/environment-and-health/noise/publications/2018/results-search-for-available-systematic-reviews-environmental-noise

WHO Regional Office for Europe. (2018). *Methodology for systematic evidence reviews for the WHO environmental noise guidelines for the European Region".* (2018) [Language editing and formatting.] https://www.euro.who.int/en/health-topics/environment-and-health/noise/publications/2018/methodology-systematic-evidence-reviews-who-environmental-guidelines-for-the-european-region.

WHO Regional Office for Europe. (2015). *School Environment: Policies and current status*. [Language Editing.] http://www.euro.who.int/en/media centre/events/events/2015/04/ehp-mid-termreview/publications/the-school-environment-policies-and-current-status

WHO Regional Office for Europe. (2015). *Human biomonitoring: Facts and figures*. (2015). [Contributed to proofreading of report.] http://www.euro.who.int/en/media-centre/events/events/2015/04/ehp-mid-termreview/publications/human-biomonitoring-facts-and-figures

WHO Regional Office for Europe. (2014). Report for Terms of Reference. Prepared by Tufts University staff members for WHO ECEH. [Contributed to editing and proofreading of document that described data analysis plan for measuring indicators (e.g. hygiene / sanitation, transportation to school, and exposure to dampness and mold) for school environmental health survey project.

WHO Regional Office for Europe. (2012). Second extraordinary meeting of the European Environment and Health Task Force (EHTF). The Hague, the Netherlands. 31 May - 1 June 2012. [Contributed to compilation and formatting of document package.] http://www.euro.who.int/en/data-and-evidence/environment-and-health-informationsystem-enhis/publications/2012/biomonitoring-based-indicators-of-exposure-tochemical-pollutants-2012

WHO Regional Office for Europe. (2012). Biomonitoring-based indicators of exposure to chemical pollutants. Report of a meeting. Catania, Italy. 19-20 April

Telephone: +4915751584706 – E-Mail: ssangala@uni-bonn.de		
	2012. [Contributed to editing of report.] http://www.euro.who.int/en/data-and evidence/environment-and-health-informationsystem-enhis/publications/2012/biomonitoring-based-indicators-of-exposure-tochemical-pollutants-2012	
	WHO Regional Office for Europe. (2012). <i>Monitoring the implementation of Parma conference commitments: methodological and organizational issues – Report of a meeting, 29 – 30 September 2011.</i> [Language Editing.] http://www.euro.who.int/en/data-and-evidence/environment-and-health-informationsystem-enhis/publications/2012/monitoring-the-implementation-of-parma-conferencecommitments-methodological-and-organizational-issues-2011	
Professional Activities	Conference communer its -methodological-and-organizational-issues-2011	
Oral Presentations	"Thriving together, promoting health for all. School nurses pre-conference." Association of German International Schools (AGIS). 22 September 2023, Dresden, Germany.	
	"School nurses pre-conference." AGIS. 30 September 2022, Hannover, Germany.	
	"Effects of a school water, sanitation, and hygiene intervention on children's nutrition, hydration, health literacy, and handwashing: a multi-arm cluster-randomized controlled trial in Manila, Philippines". 2021 Annual Meeting of ASTMH. Presented on 17 November 2022 during the Young Investigator Award competition. Virtual conference hosted by the ASTMH in Virginia, U.S.A.	
	"Associations between water, sanitation, and hygiene and children's self-reported health status and observed stunting in Manila, Philippines: preliminary findings" 12th ECTMIH. 29 September 2021. Virtual conference hosted by the Center for International Health at the University of Bergen, Norway.	
	"School-based water, sanitation, and hygiene intervention to improve children's nutrition and hydration status in Manila, Philippines: A cluster-randomized controlled trial." 12th ECTMIH. 28 September 2021. Virtual conference hosted by the Center for International Health at the University of Bergen, Norway.	
	"Did a school-based intervention improve children's health literacy, handwashing, nutrition status or schools' sanitation facilities? A cluster-RCT in Manila." American Public Health Association (APHA) Annual Meeting and Expo 2020. 27 October 2020. Virtual Conference from San Francisco, California, U.S.A.	
	"School-based WaSH intervention to improve children's health literacy and hand washing: Preliminary results from a cluster-RCT in Metro Manila, Philippines." University of North Carolina (UNC) at Chapel Hill Water and Health Conference 2020. 27 October 2020. Virtual Conference from Chapel Hill, North Carolina, U.S.A.	
	"Do urban youths benefit from progress toward Sustainable Development Goal 6 (clean water and sanitation)? Using school-based surveys on water, sanitation, and hygiene and nutrition to identify health policy, practice, and education gaps in Metro Manila, Philippines." APHA Annual Meeting and Expo 2019. 5 November 2019. Philadelphia, Pennsylvania, U.S.A.	
	"Using electronic health surveys to address health inequities of urban poor adolescents in Metro Manila, Philippines: Study design and preliminary results." Catholic Academic Exchange Service (KAAD) - Jahresakademie 2019: Workshop on Global Health. 28 April 2019. Bonn, Germany.	
	"Impacts of inadequate water, sanitation, and hygiene, and food insecurity on children in public schools in Metro Manila." KAAD - Jahresakademie 2018: Workshop on Water. 29 April 2018. Bonn, Germany.	
	"Integrated vulnerability index for children." IAIA Special Symposium: Resettlement and Livelihoods. 21 February 2017. Manila, Philippines.	

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	"Mapping health / social impacts of the Syrian conflict." IAIA Annual Conference. 21 May 2016. Nagoya, Japan.
	"Children's environmental health in Manila schools." KAAD - Jahresakademie 2016: Workshop on Global Health. 1 May 2016. Bonn, Germany.
	"WASH and nutrition in Manila schools: impact of environmental exposures on children's health and learning." Action Against Hunger (ACF) German-French Strategic Partnership Meeting N°1. 21 April 2016. Paris, France.
	"Environmental factors and fatal injuries during Typhoon Haiyan." European Congress on Tropical Medicine and International Health. 8 September 2015. Basel, Switzerland.
	"Impacts of Typhoon Haiyan." IAIA Annual Conference. 20 April 2015. Florence, Italy.
r	"Associations between water, sanitation, and hygiene and children's malnutrition and mental health in Metro Manila, Philippines: preliminary results of a cross-sectional study". ASTMH Annual Meeting, 30 October - 3 November 2022, Seattle, Washington, U.S.A.
l r	"Effects of a school water, sanitation, and hygiene intervention on children's nutrition, hydration, health literacy, and handwashing: a multi-arm cluster-randomized controlled trial in Manila, Philippines". 17 - 21 November 2021. Virtual conference hosted by the ASTMH in Virginia, U.S.A.
	"Schoolchildren's hygiene-related health literacy and handwashing practices: results of a cluster-randomized controlled trial in Manila, Philippines." 12th ECTMIH. 28 September - 1 October 2021. Virtual conference hosted by the Center for International Health at the University of Bergen, Norway.
ľ	"Food insecurity, socio-environmental determinants, and child and adolescent malnutrition and dehydration in Manila, Philippines: a cross-sectional study." Annual Conference of the ISEE. 23 - 26 August 2021. Virtual Conference hosted by Columbia University's Mailman School of Public Health, New York, United States.
	"A school-based water, sanitation, and hygiene intervention and children's nutrition status and hydration: a cluster-randomized controlled trial in Manila". Annual Conference of the ISEE. 23 - 26 August 2021. Virtual Conference hosted by Columbia University's Mailman School of Public Health, New York, United States.
i i	"Improved health literacy and handwashing in schoolchildren: Impact of a school- based education program delivered by innovative college students in Manila." APHA Annual Meeting and Expo 2020. 22 - 24 October 2020. Online Conference.
Awards and Grants	KAAD, PhD Dissertation Publication Grant, 460 EUR, December 2023.
	ASTMH, Annual Meeting Travel Award, \$1,700 USD, August 2021.
	ECTMIH, Annual Meeting Registration Award, 50 EUR, August 2021.
	ISEE, Annual Meeting Registration Award, \$130 USD, June 2021. ZEF, Conference Grant, 285 EUR, December 2020
	Bonn Graduate Center, University of Bonn, IPID4all Conference Travel Grant, 1,630 EUR, November 2019
	ZEF, PhD Field Research Grant, 3,375 EUR, November 2018 – December 2018
	KAAD, Conference Travel Grant, 760 EUR, November 2018

	Fiat Panis Foundation, PhD Field Research Scholarship, 9,444 EUR, November 2017			
	Fiat Panis Foundation, Pt 2016	nD Field Research Scholarship, 8,920 EUR, December		
	Deutscher Akademischer 1,379 EUR, February 201	Austauschdienst (DAAD), Conference Travel Scholarship, 6		
	ZEF, University of Bonn, Doctoral Program Interdisciplinary Research Paper. Barsallo, Gabisel., Fellahi, A., Ghazaryan, G., & Sangalang, S. Internal displacement and the reemergence of polio during the Syrian conflict: A descrip analysis. 1st Prize, November 2015.			
	KAAD, PhD Research Scholarship, 11,700 EUR, September 2015 – March 2019			
	IAIA Pre-conference Training Course Waiver, worth \$425 USD, April 2015			
	International Summer School of Epidemiology Fellowship, Ulm University, 55 plus worth 1,000 EUR course fees, July 2014			
	AcademyHealth Diversity Scholar Award, \$1,500 USD, June 2014			
Professional Affiliations	ZEF, University of Bonn - Associated Researcher, 2022 - Present			
	AGIS - School Nurses Working Group, 2022 - 2023 ASTMH - Committee on Global Health, 2021 - Present APHA - Epidemiology Section, Environment Section, International Health Section, and Student Assembly, 2019 - Present			
	IAIA - Health Section, Conflict and Natural Disasters Section, and Mentor Program, 2015 - Present			
	ISEE - Student and New Researchers Network, 2014 - Present			
	AcademyHealth - Diversit	y Scholars Network, 2014 - Present		
Professional Services		ights, Abstract Reviewer, August 2022		
	International Journal of Environmental Research and Public Health, Abstract Reviewer, July 2022			
	University Hospital, University of Bonn, School of Midwifery, Guest Lecturer for Medical English, May 2022			
	APHA Annual Meeting and Expo, Abstract Reviewer, May 2022			
	APHA Annual Meeting and Expo, Abstract Reviewer, April 2021			
	APHA Annual Meeting an	d Expo, Abstract Reviewer, March and July 2020		
	AcademyHealth Annual Research Meeting, Scholarship Application Reviewer, April 2016			
	IAIA Annual Conference, Abstract Reviewer, 2015 – 2016			
Research software and technical skills	Operating system	Windows, macOS		
	Internet browser	Internet Explorer, Mozilla Firefox, Google Chrome, Safari		
	Word processor	Microsoft © Office (Word, Excel, PowerPoint, Outlook)		

Stephanie O. Sangalang, RN, MSc., PhD – Kreuzherrenstrasse 55, Bonn, Germany 53227 Telephone: +4915751584706 – E-Mail: ssangala@uni-bonn.de

Re	search database	PubMed / MEDLINE
Cita	ation management	Zotero
	ogram	
Da	ta analysis software	SPSS, STATA
Nu	trition assessment	WHO AnthroPlus
sof	ftware	
Wa	ater quality	Water quality testing using Multi-Meter and manual
ass	sessment	coliform and <i>E.coli</i> colony counting using 3M [™] Petrifilm
Re	lational database	SQL
	nagement system	
	ntent management	Umbraco Gateway
	stem	
	ta storage/sharing	Google Drive, Dropbox, Microsoft OneDrive, Sciebo
	p software	ArcGIS Pro
	ta visualization itware	Lucidchart
	oject planning	TeamGantt
	ftware	roumound
Ele	ectronic survey	KoBoToolbox, QuickTapSurvey, SurveyMonkey
sof	ftware/app	
Via	laa aanfaranaina	Zana Chura Tana Viaura Miaraat Tana
	leo conferencing ftware	Zoom, Skype, TeamViewer, Microsoft Teams
	ver's License	California, U.S.A. (clean record)
Re	gistered Nurse	California, U.S.A. (clean record)
	ense	, (,
Firs	st Aid certification	Certified by Johanniter-Unfall-Hilfe e.V. (German for "St.
		John Accident Assistance")
	st Aid Trainer	Certified by the German Red Cross
cer	rtification	

List of professional references available upon request.