

# Stanford

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## Victoria Ward

Clinical Associate Professor, Pediatrics

### CLINICAL OFFICE (PRIMARY)

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### Bio

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#### CLINICAL FOCUS

- Pediatric Hospital Medicine

#### ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Pediatrics
- Faculty Affiliate, Institute for Human-Centered Artificial Intelligence (HAI)
- Member, Maternal & Child Health Research Institute (MCHRI)

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Global child health, digital health, preterm birth, human trafficking

### Teaching

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#### COURSES

##### 2025-26

- Introduction to Global Health: HUMBIO 29 (Win)

##### 2024-25

- Introduction to Global Health: HUMBIO 29 (Win)

##### 2023-24

- Introduction to Global Health: HUMBIO 29 (Win)

##### 2022-23

- Introduction to Global Health: HUMBIO 29 (Win)

## Publications

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### PUBLICATIONS

- **Addressing upstream drivers of dyslipidemia: a unified approach to food insecurity.** *Pediatric research*  
Ruiz Bejar, A. Y., Ward, V. C., Chamberlain, L. J.  
2026
- **Large Language Models for Maternal and Neonatal Healthcare in Low- and Middle-Income Countries.** *The Journal of pediatrics*  
Yu, L., Darmstadt, G. L., Ward, V., Wong, R. J., Stevenson, D. K., Maric, I.  
2026: 115037
- **HPV vaccine awareness and uptake in rural Indigenous communities in Guatemala: a cross-sectional study.** *BMJ open*  
Abascal Miguel, L., Gaitán Barrillas, R., Johnston, J. S., Ward, V., Kraemer Diaz, A., Diamond-Smith, N.  
2025; 15 (12): e107602
- **Maternal lipidomic signatures of preterm and small-for-gestational-age newborn infants in low- and middle-income countries.** *Science advances*  
Marić, I., Mahzarnia, A., Mujuru, H. A., Chimhini, G., Saha, S. K., Shameem Hassan, M., Otieno, N. A., Hawken, S., Wilson, K., Shen, X., Lancaster, S., Wong, R. J., Reiss, et al  
2025; 11 (49): eadu9145
- **Strengthening vaccine uptake: a qualitative assessment of community health worker educational resource needs and community perspectives on vaccination in Western Kenya.** *Frontiers in public health*  
Job, N., M'pfunya, S. K., Mudhune, S., Nyawade, B., Omondi, G., Edelquinn, M., Sadia, M., Odhiambo, E. K., Ho, X., Skinner, N., Johnston, J. S., Ward, V., Wamae, et al  
2025; 13: 1661069
- **A mobile messaging service for families on postnatal knowledge and practices: a cluster randomized trial, India.** *Bulletin of the World Health Organization*  
Johnston, J. S., Suri, P., Yan, S., Chandrasekar, A., Singla, S., Ward, V. C., Murthy, S.  
2025; 103 (4): 255-265
- **One term to transform: universal health coverage through professional community health workers.** *Lancet (London, England)*  
Ballard, M., Dahn, B., O'Donovan, J., Jiménez, A., Kawooya, P., Raghavan, M., Ganjian, N., Johnson, A. D., Boxer, C., Gray, K., Palazuelos, D., Berry-Moorcroft, C., Aranda, et al  
2024
- **Increased Emergency Department Identification of Young People Experiencing Trafficking During the COVID-19 Pandemic: An Interrupted Time-Series Analysis.** *Public health reports (Washington, D.C. : 1974)*  
Panda, P., Deng, Y., Fang, A., Ward, V., Wang, E., Newberry, J., Mathur, M., Patel, A.  
2024: 333549241279662
- **Overview of the Global and US Burden of Preterm Birth.** *Clinics in perinatology*  
Ward, V. C., Lee, A. C., Hawken, S., Otieno, N. A., Mujuru, H. A., Chimhini, G., Wilson, K., Darmstadt, G. L.  
2024; 51 (2): 301-311
- **Estimating Gestational Age and Prediction of Preterm Birth Using Metabolomics Biomarkers.** *Clinics in perinatology*  
Ward, V. C., Hawken, S., Chakraborty, P., Darmstadt, G. L., Wilson, K.  
2024; 51 (2): 411-424
- **Community health worker perspectives on advocacy: design-based research to develop a digital advocacy training course.** *Frontiers in public health*  
Job, N., Johnston, J. S., Westgate, C., Skinner, N. A., Ward, V., Ballard, M.  
2024; 12: 1334279
- **Exploring the role of community health organizations in promoting public health during a health crisis: a qualitative study of COVID-19 responses in South Africa and Zambia.** *Global health promotion*  
Johnston, J. S., Zhang Aluri, K., Job, N., Kuhnert, K. L., Prober, C., Ward, V., Skinner, N. A.  
2023: 17579759231205854

- **Use of open-source online course content for training in public health emergencies: Evidence from COVID-19 education for health professionals.** *JMIR medical education*  
Skinner, N. A., Job, N., Krause, J., Frankel, A., Ward, V., Johnston, J.  
2023
- **Real world external validation of metabolic gestational age assessment in Kenya.** *PLOS global public health*  
Hawken, S., Ward, V., Bota, A. B., Lamoureux, M., Ducharme, R., Wilson, L. A., Otieno, N., Munga, S., Nyawanda, B. O., Atito, R., Stevenson, D. K., Chakraborty, P., Darmstadt, et al  
2022; 2 (11): e0000652
- **Improving the precision of maternal, newborn, and child health impact through geospatial analysis of the association of contextual and programmatic factors with health trends in Bihar, India.** *Journal of global health*  
Abdalla, S., Pair, E., Mehta, K., Ward, V., Mahapatra, T., Darmstadt, G. L.  
2022; 12: 04064
- **Unlocking the global health potential of dried blood spot cards.** *Journal of global health*  
Bota, B., Ward, V., Lamoureux, M., Santander, E., Ducharme, R., Hawken, S., Potter, B. K., Atito, R., Nyamanda, B., Munga, S., Otieno, N., Chakraborty, S., Saha, et al  
2022; 12: 03027
- **Digital Education for Health Professionals: An Evidence Map, Conceptual Framework, and Research Agenda.** *Journal of medical Internet research*  
Tudor Car, L., Poon, S., Kyaw, B. M., Cook, D. A., Ward, V., Atun, R., Majeed, A., Johnston, J., van der Kleij, R. M., Molokhia, M., V Wangenheim, F., Lupton, M., Chavannes, et al  
2022; 24 (3): e31977
- **Implementing health communication tools at scale: mobile audio messaging and paper-based job aids for front-line workers providing community health education to mothers in Bihar, India.** *BMJ global health*  
Ward, V., Abdalla, S., Raheel, H., Weng, Y., Godfrey, A., Dutt, P., Mitra, R., Sastry, P., Chamberlain, S., Shannon, M., Mehta, K., Bentley, J., Darmstadt Md, et al  
2021; 6 (Suppl 5)
- **Design preferences for global scale: a mixed-methods study of "glocalization" of an animated, video-based health communication intervention.** *BMC public health*  
Adam, M., Chase, R. P., McMahon, S. A., Kuhnert, K., Johnston, J., Ward, V., Prober, C., Barnighausen, T.  
2021; 21 (1): 1223
- **Managing Persistent Hypertension and Tachycardia Following Septic Shock, Limb Ischemia, and Amputation: The Role for beta-Blockade.** *Clinical pediatrics*  
Brewster, R., Lee, J., Nguyen, E., Ward, V.  
2021; 60 (4-5): 226–29
- **A novel way of determining gestational age upon the birth of a child.** *Journal of global health*  
Wilson, K., Ward, V., Chakraborty, P., Darmstadt, G. L.  
2021; 11: 03078
- **Best practices in global health evaluation: Reflections on learning from an independent program analysis in Bihar, India.** *Journal of global health*  
Mehta, K. M., Ward, V. C., Darmstadt, G. L.  
2020; 10 (2): 020395
- **Geospatial variations in trends of reproductive, maternal, newborn and child health and nutrition indicators at block level in Bihar, India, during scale-up of Ananya program interventions.** *Journal of global health*  
Abdalla, S., Pair, E., Mehta, K. M., Ward, V. C., Darmstadt, G. L.  
2020; 10 (2): 021004
- **Health layering of self-help groups: impacts on reproductive, maternal, newborn and child health and nutrition in Bihar, India.** *Journal of global health*  
Mehta, K. M., Irani, L., Chaudhuri, I., Mahapatra, T., Schooley, J., Srikantiah, S., Abdalla, S., Ward, V., Carmichael, S. L., Bentley, J., Creanga, A., Wilhelm, J., Tarigopula, et al  
2020; 10 (2): 021007

- **Health impact of self-help groups scaled-up statewide in Bihar, India.** *Journal of global health*  
Mehta, K. M., Irani, L., Chaudhuri, I., Mahapatra, T., Schooley, J., Srikantiah, S., Abdalla, S., Ward, V. C., Carmichael, S. L., Bentley, J., Creanga, A., Wilhelm, J., Tarigopula, et al  
2020; 10 (2): 021006
- **Impact of mHealth interventions for reproductive, maternal, newborn and child health and nutrition at scale: BBC Media Action and the Ananya program in Bihar, India.** *Journal of global health*  
Ward, V. C., Raheel, H., Weng, Y., Mehta, K. M., Dutt, P., Mitra, R., Sastry, P., Godfrey, A., Shannon, M., Chamberlain, S., Kaimal, R., Carmichael, S. L., Bentley, et al  
2020; 10 (2): 021005
- **Evaluation of a large-scale reproductive, maternal, newborn and child health and nutrition program in Bihar, India, through an equity lens.** *Journal of global health*  
Ward, V. C., Weng, Y., Bentley, J., Carmichael, S. L., Mehta, K. M., Mahmood, W., Pepper, K. T., Abdalla, S., Atmavilas, Y., Mahapatra, T., Srikantiah, S., Borkum, E., Rangarajan, et al  
2020; 10 (2): 021011
- **Impact of the Ananya program on reproductive, maternal, newborn and child health and nutrition in Bihar, India: early results from a quasi-experimental study.** *Journal of global health*  
Darmstadt, G. L., Weng, Y., Pepper, K. T., Ward, V. C., Mehta, K. M., Borkum, E., Bentley, J., Raheel, H., Rangarajan, A., Bhattacharya, D., Tarigopula, U. K., Nanda, P., Sridharan, et al  
2020; 10 (2): 021002
- **Trends in reproductive, maternal, newborn and child health and nutrition indicators during five years of piloting and scaling-up of Ananya interventions in Bihar, India.** *Journal of global health*  
Abdalla, S., Weng, Y., Mehta, K. M., Mahapatra, T., Srikantiah, S., Shah, H., Ward, V. C., Pepper, K. T., Bentley, J., Carmichael, S. L., Creanga, A., Wilhelm, J., Tarigopula, et al  
2020; 10 (2): 021003
- **Improving primary health care delivery in Bihar, India: Learning from piloting and statewide scale-up of Ananya.** *Journal of global health*  
Darmstadt, G. L., Pepper, K. T., Ward, V. C., Srikantiah, S. n., Mahapatra, T. n., Tarigopula, U. K., Bhattacharya, D. n., Irani, L. n., Schooley, J. n., Chaudhuri, I. n., Dutt, P. n., Sastry, P. n., Mitra, et al  
2020; 10 (2): 021001
- **Metabolic gestational age assessment in low resource settings: a validation protocol.** *Gates open research*  
Bota, A. B., Ward, V., Hawken, S., Wilson, L. A., Lamoureux, M., Ducharme, R., Murphy, M. S., Denize, K. M., Henderson, M., Saha, S. K., Akther, S., Otieno, N. A., Munga, et al  
2020; 4: 150
- **Factors and Behaviors Related to the Promotion of Pediatric Hospital Medicine Fellow Autonomy: A Qualitative Study of Faculty** *ACADEMIC PEDIATRICS*  
Maniscalco, J., Davis, E., Gay, A., Ward, V., Truckenbrod, J., Denniston, S. F., Rassbach, C. E.  
2019; 19 (6): 703–11