

CURRICULUM VITAE:

PROFESSOR WILSON ODERO, MD, MSc, PhD.

1. **Address** School of Medicine
Maseno University
Private Bag, Maseno
E-mail: wodero@gmail.com; deamed@maseno.ac.ke
2. **Education**
 - Postdoctoral
 - 2014 Certificate, Road Safety Course, Delft University of Technology, The Netherlands
 - 2001-02 Certificate in Medical Informatics, Regenstrief Institute for Health Care, Indiana University School of Medicine, Indianapolis, USA.
 - 1998 Certificate, International Course on Safety Promotion Research, Karolinska Institute, Stockholm, Sweden.
 - Postgraduate
 - 1993-97 Doctor of Philosophy (PhD), Department of Public Health and Policy, London School of Hygiene and Tropical Medicine, University of London.
Thesis Title: *Road Traffic Injuries and Alcohol in Eldoret, Kenya: Epidemiology and Policy Analysis*
 - 1989 Certificate, Fellowship on Innovative Medical Education, Wellcome Tropical Institute, London.
 - 1987 Certificate in Epidemiology and Communicable Disease Control, World Health Organization Senior Level Regional Epidemiology Course, Nairobi.
 - 1984-85 Master of Science (MSc), Community Health in Developing Countries, London School of Hygiene and Tropical Medicine, University of London.
Thesis Title: *Malaria in Kenya*
 - Undergraduate
 - 1972-79 Doctor of Medicine (MD), Minsk State Medical Institute, USSR.
3. **Employment and Experience**
 - 2011 to present: Professor and Dean, School of Medicine, Maseno University
 - 2007-2011 Professor and Director, School of Public Health & Community Development, Maseno University
 - 2005 -06 Professor of Public Health, School of Public Health, Moi University
 - 1999-2005 Associate Professor and Dean, School of Public Health, Moi University
 - 1999 Ag. Dean Faculty of Health Sciences
 - 1990 -99 Senior Lecturer and Head, Department of Epidemiology and Preventive Medicine, Faculty of Health Sciences, and Member of Senate, Moi University
 - 1989-90 Assistant Deputy Director of Medical Services and District Medical Officer of Health (DMO), Uasin Gishu District.
 - 1980-89 Medical Officer, Senior Medical Officer and DMO

1979-80 Medical Officer- Intern, Kenyatta National Hospital

4. **Membership of Professional Associations and Boards**

Past Chair, Board of Management of the Consortium for National Health Research (CNHR)
Member, Steering Committee of Partnership for Health Research & Training Program (P-HERT), College of Health Sciences, University of Nairobi.

Member, Board of Directors of Research, Care and Training Programme – Family AIDS Care & Education Services (RCTP-FACES), Kenya.

Member, International Certification Team for Guinea Worm Eradication in Kenya

Member, WHO Expert Advisory Panel on Injury and Violence Prevention

Member, National Coordinating Committee for Road Safety in 10 Countries (RS10) Project

Member, Kenya Medical Association

Member, Editorial Board, Journal of Injury Prevention and Safety Promotion

Member, Editorial Board, African Safety Promotion: A Journal of Injury and Violence Prevention

5. **Publications**

- 1) Silali MB, Odero W, Rogena E. Roles of molecules in identification of unclaimed or missing dead bodies presumed dead in Western Kenya utilizing comparison standards. *Journal of Forensic Pathology* 2017, Vol 2, No.1; pp. 1-9.
- 2) Maurice B. Silali, **Odero W**, Rogena E. Community Participation Medico-Legal Concepts to Identify Unclaimed or Missing Dead Bodies from Public Mortuaries to Improve Public Health in Western Kenya. *Journal of Health and Medical Informatics* 2017, Vol 8 No 2; pp.1-11.
- 3) Gary W. Harper, Ryan M. Wade, Daniel Peter Onyango, Pauline A. Abuor, Jose A. Bauermeister, **Wilson W. Odero** and Robert C. Bailey. Resilience among gay/bisexual young men in Western Kenya: psychosocial and sexual health outcomes. *AIDS* 2015, 29 (Suppl. 3):S261–S269
- 4) N.C. Talam, **W. Odero**, P. M. Gatongi. Factors Influencing Anti-retroviral Drug Adherence in HIV-Infected Children attending Kericho District Hospital, Kenya. *East African Medical Journal* Vol. 92 No. 9 Sept. 2015, pp. 442-447
- 5) Philip Stoker, Andrea Garfinkel-Castro, Meleckidzedek Khayesi, **Wilson Odero**, Martin Mwangi, Margie Peden, Reid Ewing. Pedestrian Safety and the Built Environment: A Review of the Risk Factors. *Journal of Planning Literature*; 1-16: 2015.
- 6) Drusilla N. Nyangahu, **Wilson Odero**, Lilian Ogonda, Morris S. Shisanya, Everlyne N. Morema. Characteristics of Injuries among Children Attending Public Primary Schools in Kisumu Municipality, Kenya. *Donnish Journal of Nursing and Midwifery*, May 2015 Vol. 1(2), pp. 005-018

- 7) Wilberforce Cholo, Diana Menya, and **Wilson Odero**. Role of Commercial Bicyclists in Road Traffic Injuries in Kisumu City, Kenya. *International Journal of Innovation and Scientific Research* ISSN 2351-8014 Vol. 17 No. 2, pp. 391-402: 2015.
- 8) Albino L. Mutanda, Priscah Cheruiyot, James S. Hodges, George Ayodo, **Wilson Odero**, and Chandy C. John. Sensitivity of fever for diagnosis of clinical malaria in a Kenyan area of unstable, low malaria transmission. *Malaria Journal* 2014, 13:163;
- 9) Japheths Ogendi, **Wilson Odero**, Winnie Mitullah, and Meleckidzedek Khayesi (2013). Pattern of Pedestrian Injuries in the City of Nairobi: Implications for Urban Safety. *Journal of Urban Health: Bulletin of the New York Academy of Medicine* doi:10.1007/s11524-013-9789-8.
- 10) Langat NT, **Odero W.**, Gatongi P. (2012). Antiretroviral Drug Adherence by HIV infected Children attending Kericho District Hospital, Kenya. *East African Journal of Public Health*, Volume 9 Number 3, 101-104.
- 11) Road Traffic Injuries Research Network Multicenter Study Collaborators: Williams Ackaah, Francis Afukaar, Williams Agyemang, Trinh Thuy Anh, A R Hejar, Ghaffar Abdul, Gopalkrishna Gururaj, Hidalgo-Solórzano Elisa, Híjar Martha, Adnan A Hyder, Cristina Inclán-Valadez, Subramaniam Kulanthayan, Robyn Norton, **Wilson Odero**, Eme T Owoaje, Margie Peden, Krishnan Rajam, Junaid Abdul Razzak, Adesola Oluwafunmilola Sangowawa, Jawaid Shah, Pham Le Tuan, Radin Umar RS, Nguyen Thi Van Anh, Marc Van der Putten, Nitaya Vajanapoom, Nuntavarn Vichit-Vadakan, Kaviyarasu Yellappan. The use of non-standard motorcycle helmets in low- and middle-income countries: a multicentre study. *Injury Prevention*, Nov. 2012; 0:1–6. doi:10.1136/injuryprev-2012-040348.
- 12) Ogendi, Japheths and **Wilson Odero** (2012) Trends of Motor Vehicle Crashes and Deaths in Kenya, 1963-2008: An Emerging Public Health Challenge. *SBHA* 77:11-28
- 13) Ngigi PW, Othero MD, **Odero W.** Prevalence of serostatus disclosure to sexual partners among HIV infected women in Kisii District, Western Kenya *East African Medical Journal*, 2011, vol 88(3), 80-85
- 14) **Odero W.** Driver risk factors of road traffic injuries in an urban setting in Kenya: a case-control study. *Injury Prevention*, 2010; Vol 16 (Supp 1); A211.
- 15) Rose Kakai, Diana Menya, **Wilson Odero**. Supporting formal education to improve quality of health care provided by mothers of children with malaria in rural western Kenya. *Journal of Infection in Developing Countries*, 3(7); 548-553: 2009.
- 16) Ranney ML, **Odero W**, Mello MJ, Waxman M, Fife RS. Injuries from interpersonal violence presenting to a rural health center in Western Kenya. *Injury Prevention*, 2009; 15; 36-40.

- 17) **Odero W.W.**, Polsky S., Urbane D., Carel R., Tierney W.M. Characteristics of injuries presenting to a rural health center in western Kenya. *East African Medical Journal*, 84(8); 639-645: 2007.
- 18) **Odero W.W.**, Rotich J., Constantin T.Y., Ouna T., Tierney W.M. Innovative approaches to application of technology in disease surveillance and prevention in Western Kenya. *Journal of Biomedical Informatics*, 40; 390-397: 2007.
- 19) Spritz R.A, Arnold T.D., Buonocore S., Carter D., Fingerlin T., **Odero W.W.**, Wambani J.O., Tenge RK., Weatherley-White C.R. Distribution of orofacial clefts and frequent occurrence of an unusual cleft variant in the Rift Valley of Kenya. *Cleft Palate Craniofacial Journal*, 44 (4); 374-377: 2007.
- 20) Nantulya V., Khayesi M., **Odero W.** Urban Transport in Africa: Opportunities for maximizing intervention in complex systems. In: Jonson G and Tengstron E (eds). *Urban Transport Development: A complex issue*. Springer, Berlin, 2005.
- 21) Odhiambo-Otieno G.W., **Odero W.W.** Evaluation criteria for the district health management information systems: lessons from the Ministry of Health, Kenya. *African Health Sciences*, 5 (1); 57-62: 2005.
- 22) Shaffer D.N., Njeri R, Justice A.C., **Odero W.W.**, Tierney W.M. Alcohol abuse among patients with and without HIV infection attending public clinics in Western Kenya. *East African Medical Journal*, 81 (11); 594-598: 2004.
- 23) Hannan T.J., Tierney W.M., Rotich JK, Smith F.E., Bii J, Einterz R.M., Mamlin J.J., **Odero W.W.**, Diero L. Technological and human factors affecting the utilization of a CBPR system in western Kenya. *Medinfo 1627*: 2004.
- 24) Ayuku D., Etyyang E., **Odero W.** Psycho-social and nutritional status of street children in comparison to school children: A case of Eldoret Town. *African Journal of Food, Agriculture, Nutrition and Development*, 4(1); 1-11: 2004.
- 25) **Odero W.**, Tierney W.M., Einterz R.M., Mungai S. Using an electronic medical record system to describe injury epidemiology and health care utilization at an inner-city hospital in Indiana. *Injury Control and Safety Promotion*, 11(4); 269-279: 2004.
- 26) Davis A., Quimby A., **Odero W.**, Gururaj G., Hajar A. Improving road safety by reducing impaired driving in developing countries: A scoping study. Project Report PR/INT/724/03; TRL Ltd, UK.: 2004
- 27) **Odero W.**, Khayesi M., Heda P. Road traffic injuries in Kenya: magnitude, causes and status of intervention. *Injury Control and Safety Promotion*, 10(1-2); 53-62: 2003

- 28) **Odero W.**, Ayuku D. Violence and Alcohol: A Study of Injury Presentations to Emergency Departments in Eldoret, Kenya. *African Journal of Safety Promotion*, 1(2); 38-42: 2003
- 29) Ayaya S.O., Sitienei J., **Odero W.**, Rotich J. Knowledge, attitudes, and practices on tuberculosis among private medical practitioners in Eldoret, Kenya. *East African Medical Journal*, 80(2);85-90: 2003
- 30) Rotich J., Hannan T.J., Smith F., Bii J., **Odero W.**, Nguyen V., Mamlin B.W., Mamlin J.J., Einterz R.M., Tierney W.M. Installing and Implementing a computer-based patient record system in sub-Saharan Africa: The Mosoriot Medical Record System. *Journal of American Medical Informatics Association*, 10(4); 295-303: August 2003.
- 31) Ayuku D., **Odero W.**, Kaplan C., Rene de Bruyn, Marten de Vries. Social network analysis for health and social interventions among Kenyan scavenging street children. *Health Policy and Planning*, 18(1);109-118: 2003
- 32) **Odero W.**, Otieno-Nyunya B. Major obstetric interventions among encamped refugees and the local population in Turkana District, Kenya: a comparative study. *East African Medical Journal*, 78 (12); 666-672: 2001
- 33) Hannan T.J., Tierney W.M., Rotich J.K., **Odero W.**, Smith F., Mamlin J.J., Einterz R.M. The Mosoriot medical record system (MMRS) phase I to phase II implementation: An outpatient computer-based medical record system in rural Kenya. *Medical Informatics*. 10(Pt 1); 619-22: 2001.
- 34) Hannan T.J., Rotich,J.K., **Odero W.**, Menya D., Esamai F., Einterz R.M., Sidle J.E., Sidle J., Smith F., Tierney W.M. The Mosoriot medical record system: design and initial implementation of an outpatient record system in rural Kenya. *International Journal of Medical Informatics*, 60; 21-28: 2000
- 35) **Odero W.**, Zwi A.B. An evaluation of sensitivity and specificity of blood alcohol concentrations obtained by a breathalyser in a casualty department in Kenya. *Accident Analysis and Prevention*, 31; 341-345: 1999.
- 36) **Odero W.** Alcohol-related road traffic injuries in Eldoret, Kenya. *East African Medical Journal*, 1998: 75(12); 708-711.
- 37) **Odero W.** *More Resources for Prevention, Critical Care or Rehabilitation*. In: Transportation, Traffic Safety and Health: Prevention and Health. Von Holst H, Nygren A, Andersson AE (editors). Proceedings of the Third International Conference, Washington, USA, 1997
- 38) **Odero W.**, Zwi A.B. Drinking and Driving in an Urban Setting in Kenya. *East African Medical Journal*, 1997: 74 (11); 675-679.
- 39) **Odero W.** *Road Traffic Injuries and Alcohol in Eldoret, Kenya: Epidemiology and Policy Analysis*. PhD. Thesis, London School of Hygiene and Tropical Medicine, University of London, 1997.
- 40) **Odero W.** Kenya: Road Traffic Accidents. *The Lancet*, 21 June 1997: 349 (suppl iii); 13.
- 41) **Odero W.**, Garner P., Zwi A. Road Traffic Injuries in Developing Countries: A Comprehensive Review of Epidemiological Studies. *Tropical Medicine and International Health*, 1997:2 (5);

445-460.

- 42) Zwi A.B., Forjuoh S., Murugusampillay S., **Odero W.**, Watts C. Injuries in Developing Countries: Policy Response Needed Now. *Transactions of the Royal Society of Tropical Medicine and Hygiene*, 1996: 90; 593-596.
- 43) **Odero W.** Conducting a Roadside Survey of Drivers in Kenya: methods and experiences. *Health Policy and Planning*, 1996: 11(3); 329-331.
- 44) **Odero W.** Road Traffic Accidents in Kenya and the Effect of Location. In: Atkinson S., Songsore J., Werna E. (Eds.). *Urban Health Research in Developing Countries. Implications for Policy*. CAB International: Wallingford; 1996.
- 45) **Odero W.O.** Kibosia J.C. Incidence and Characteristics of Injuries in Eldoret, Kenya. *East African Medical Journal*, 1995: 72; 706-710.
- 46) **Odero W.O.** Road Traffic Accidents in Kenya: An Epidemiological Appraisal. *East African Medical Journal*, 1995: 72; 299-305.
- 47) **Odero W.O.**, Zwi A.B. Alcohol-related Traffic Injuries and Fatalities in Developing Countries: A Critical Review of Literature. *Proceedings of the 13th International Conference on Alcohol, Drugs and Traffic Safety*, Adelaide 13-18 August 1995; 713-720.
- 48) **Odero W.O.** Book Review: *Health and Development*. Phillips D.R. and Verhasselt Y. (Eds). *Health Policy and Planning*, 1995:10(1);102-103.
- 49) **Odero W.O.** Book Review: *Drugs Policy in Developing Countries*. Kanji N, Hardon A, Harnmeijer J.W., et al. *Health Policy and Planning*, 1993: 8(3); 285-6.
- 50) Mutema A., Ayuku D. **Odero W.O.** et al. *Interviewing: A Manual on Interviewing for Health Professionals*. Moi University: Eldoret; 1992.
- 51) **Odero W.O.** Community-Oriented Medical Education: A Strategy of Implementing Primary Health Care in Kenya. *Society of General Internal Medicine*, 1991: 14(5); 115-9.
- 52) Ngindu A.M., Kabiru E.W., Mbaabu D.A.N., **Odero W.O.**, Siongok T.K.A. Outbreak of epidemic malaria in Uasin Gishu District, 1988. *Proceedings of the Annual KEMRI/KETRI Scientific Conference*, April 1989, Nairobi, Kenya.
- 53) **Odero W.O.**, Quansa G. Infant and Childhood Mortality in Nakuru District, Kenya, 1987. A report of a WHO-funded epidemiological survey (Unpublished report).
- 54) **Odero W.O.** *Malaria in Kenya. A Dissertation for the award of Master's Degree in Community Health*, London School of Hygiene and Tropical Medicine, University of London, 1985.

5. Teaching and Supervision

Teaching: Teaching undergraduate and postgraduate courses in Epidemiology, Research Methodology, Communicable and Non-Communicable Diseases, Disease Surveillance and Outbreak Investigations, Injury Epidemiology, Prevention and Control.

Research Supervision: Supervised numerous postgraduate students undertaking PhD., MSc and MPH degree programmes.

Thesis Examination: Examination of Masters and PhD theses of students of Maseno University and other Universities.

6. Research Grants and Consultancies

2017: Public Health Consultant. *Ahero Kisii Isebania Road Project, Environmental and Social Management Plan*, TIMCON Associates Ltd.

2015: Consultant: *Road Safety Audit Project - Accident Data Collection and Health Facility Surveys: Ahero - Kisii - Isebania Road (A1)*. TIMCON Consultants Ltd.

2013-2015: Coordinator: *Health workforce training in Nyanza and Western Region*. Maseno University, Western Region Hub, FUNZOKenya, IntraHealth International Inc., USAID Funded project.

2013-14: Principal Investigator: *Assessment of Utilization, Availability, Standard and Cost of Motorcycle Helmets in Naivasha and Thika Districts, Kenya*. World Health Organization.

2013: Lead Consultant: *Malaria case management training for health workers in Siaya, Kisumu and Homabay counties*. Division of Malaria Control, Ministry of Public Health and Sanitation.

2011: Principal Investigator: *Social marketing on road safety in Kenya: Focus Group Discussions on Knowledge, Attitude and Practices of Road Users in Naivasha and Thika*. World Health Organization

2009-2012: Co-Investigator: *Sub-contract for the formulation of road safety programme and technical support to Roads Department of the Ministry of Roads and Public Works*. World Bank.

2009 -2011: Principal Investigator: *Enhancing youth character formation and behaviour change in Kenya – Role of the dialogue model as an interactive communication tool*. National AIDS Control Council, TOWA Project, Kenya.

2010: Lead Consultant: *Malaria case management training for health workers in Nyanza Provinc*. Division of Malaria Control, Ministry of Public Health and Sanitation

2009: Lead Consultant: *Malaria case management training for health workers in Rift Valley Province*. Division of Malaria Control, Ministry of Public Health and Sanitation

2008-2012: Co-Investigator: *Development and governance of public and non-motorized transport provision in African cities: Research and capacity development*. A collaborative project between the universities of Cape Town, Dar es Salaam and Nairobi for establishing a Center of Excellence in Africa on Future Urban Transport. Volvo Research and Educational Foundation, Goteborg, Sweden.

2005-08: *The health of migrant populations: the case of internally displaced people in Eastern Africa*. A collaborative project between Moi University (Kenya), Gulu University (Uganda) and the London School of Hygiene and Tropical Medicine, funded by The Wellcome Trust, UK.

2003-05: Principal Investigator: *Causes of road traffic injuries in an urban and peri-urban area in Kenya: a case-control study*. Volvo Educational and Research Foundation, Goteborg, Sweden

2002-03: Principal Investigator: *Injuries in urban and peri-urban areas of Eldoret: a community-based survey*. World Health Organization, Department of Violence and Injury Prevention Grant

2001-03: Principal Investigator: *Development of the Mosoriot electronic injury surveillance system: A pilot project*. NIH Fogarty International Center: Medical Informatics Fellowship

2001-04: Co-Investigator: *Prevention of road traffic injuries through a participatory process in the identification and implementation of interventions*. Road Traffic Injury Research Network.

7. Scientific Conferences

- 2017 African Forum for Research and Education in Health (AFREhealth), August 1-3, 2017, Ghana College of Physicians and Surgeons, Accra, Ghana.
- 2016 44th Annual Scientific Conference of Kenya Medical Association and AGM, 20-23 April 2016, Acacia Premier Hotel, Kisumu, Kenya.
- 2014 Maseno University Annual Interdisciplinary Conference, June 30-July1, 2014, Kisumu, Kenya
- 2010 10th World Conference on Injury Prevention and Safety Promotion, 21-24 September, London, UK.
- 2009 Prince Mahidol Award Conference: Mainstreaming Health into Public Health Policies, January 28-20, Bangkok, Thailand.
- 2008 9th World Conference on Injury Prevention and Safety Promotion, March 15-18, 2008, Merida, Mexico
- 2007 35th Annual Conference of the Kenya Medical Association, April 18-21, 2007, Kisumu, Kenya
- 2006 8th World Conference on Injury Prevention and Safety Promotion, April 2-5, 2006, Durban, South Africa
- 2004 Global Forum for Health Research, Forum 8 Conference, November 16-20, Mexico City, Mexico.
- 2004 7th World Conference on Injury Prevention and Safety Promotion, 6-9 June, 2004; Vienna, Austria
- 2003 Global Forum for Health Research, Forum 7 Conference, 2-5 December 2003, Geneva, Switzerland.
- 2003 Health Informatics in Africa (HELINA) Conference, 12-15 October 2003, Johannesburg, South Africa.

- 2003 Future Urban Transport, 21-24 September, 2003, Gothenborg, Sweden.
- 2002 Global Forum for Health Research, Forum 6 Conference, 12-15 November 2002, Arusha, Tanzania.
- 2002 Road Traffic Injuries and Health Equity Conference, 10-12 April, 2002, Boston, USA.
- 2001 25th Annual Symposium of the American Medical Informatics Association, 3-7 November 2001, Washington DC, USA.
- 2001 Society of General Internal Medicine, Annual General Meeting, 7-9 September 2001, Chicago, USA
- 2000 5th World Conference on Injury Prevention and Control, 5-8 March 2000, New Delhi, India.