

# Viviana Mangiaterra

Associate Professor of Practice



**Knowledge Group:** Government, Health and Not for Profit

**Research Domains:** Health Policy

**Teaching Domains:** Global Health and Development, Health Care Systems Reforms, Sustainable Supply Chain, Health Inequalities, Collaborative Partnership

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## Biography

Viviana Mangiaterra is a SDA Associate Professor of Practice in Health Policy since 2020. She is the Director of the Masters in International Health Management, Economics and Policy (MIHMEP) and director of several SDA Bocconi executive courses like 'Access to Medicines in LMICs' and 'Hospital management simulation course'. She is also coordinating the stream of Global Health within the framework of research carried out by CERGAS which includes: i) an evaluation study on eLIMS/EIR systems in 4 LMICs (Gates grant); ii) the cost-effective analysis in research on Quality Improvement of Integrated HIV, TB and Malaria in Antenatal and Postnatal care in three African countries (in collaboration with the Liverpool School of Tropical Medicine).

Viviana had global career in international public health. The main focus of her work has been on strategic planning; policy development; health system strengthening; technical advice for program implementation in the field of reproductive, maternal, child and adolescent health, gender, HIV and malaria; and partnership-building with a wide range of stakeholders. She has gained broad operational research experience in public healthcare in developing countries.

She has carried out several research projects in key areas of public health. For the Global Fund to Fight AIDS, Tuberculosis and Malaria, she has led ongoing 3-year multi-country quality improvement operational research on the integration of HIV, TB and malaria services in antenatal care using a standards based assessment methodology. Her research aims to assess the effectiveness and efficiency of integrated service delivery on outcomes and impact for these three diseases in mothers and newborns.

For the World Health Organization (WHO) she has led many research projects including the operational research of the Reproductive Health and Research Team on Essential Medicines with a main focus on pre-qualification and regulatory aspects of female condoms and emergency contraception; a major research initiative, including study design, questionnaire development, surveyor training, data collection and analysis of a new methodology developed by the London School of Tropical Medicine, for an under five mortality

household survey in seven provinces of Indonesia; various research protocols for the study of vitamin A and iodine deficiency disorders in Rwanda.

She has had a long and significant professional career in the global public health arena. She has worked in several leading international organizations at all levels – headquarters, regional and county-based – including the World Health Organization, the World Bank and currently the Global Fund to Fight HIV, Tuberculosis and Malaria. Through this experience, she has developed proven leadership skills in building strong partnerships with internal and external stakeholders, as well as significant knowledge of working with funding mechanisms of major partner organizations engaged in global public health. As such, she has established a broad network of contacts with stakeholders in the public and private sectors. In her country-based work in Rwanda, Indonesia, Moldova, Sudan, Egypt, the Central Asian Republics and the Caucasus, she has directly influenced policies and the allocation of resources, provided high-quality technical advice, supported national capacity building and the strengthening of health systems, guided evaluation processes and performed operational research. She has successfully led teams with a proven track record for delivering results and success in providing resources for the identified priorities and scope of work.

She has been a visiting professor in SDA Bocconi's Masters in International Health Management, Economics and Policy (MIHMEP), she has also gained teaching experience at the Johns Hopkins, School of Advanced International Studies, co-teaching the course on Health Problems, Policies and Practices in Developing Countries. She has also taught at Butare University in Rwanda.

She earned a degree in Medicine and Surgery from the Università di Milano; a Master in Pediatrics and a Master in Gastroenterology, also from the Università di Milano, with residential research in child nutrition in Brussels (Hôpital St. Pierre) and Paris (Hôpital des Enfants malades) and a Diploma in International Epidemiology at the Center for Disease Control, Atlanta USA.

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## Articles in Scholarly Journals

### **The Costs of Digital Health Interventions to Improve Immunization Data in Low- and Middle-Income Countries: Multicountry Mixed Methods Study**

FEDERICI, C. B., M. VERYKIOU, M. CAVAZZA, W. OLOMI, P. IRAKIZA, K. KAYUMBA, E. RODRIGUEZ, L. E. CASTILLO MENDOZA, S. MALVOLTI, C. HUGO, N. E. NTINGINYA, S. CAMARA, I. SABI, N. SANO, H. SIBOMANA, J. CONDO, A. TORBICA, C. JOMMI, C. MANTEL, V. MANGIATERRA, "The Costs of Digital Health Interventions to Improve Immunization Data in Low- and Middle-Income Countries: Multicountry Mixed Methods Study", *Journal of Medical Internet Research*, 2025, vol. 27, pp. e62746-e62746

### **Impact of electronic immunization registries and electronic logistics management information systems in four low-and middle-income countries: Guinea, Honduras, Rwanda, and Tanzania**

MANTEL, C., C. HUGO, C. B. FEDERICI, N. SANO, S. CAMARA, E. RODRIGUEZ, L. E. CASTILLO MENDOZA, J. CONDO, P. IRAKIZA, I. SABI, E. NYANDA, W. OLOMI, M. CAVAZZA, V. MANGIATERRA, M. VERYKIOU, E. FERENCHICK, A. TORBICA, T. CHERIAN, S. MALVOLTI, "Impact of electronic immunization registries and electronic logistics management information systems in four low-and middle-income countries: Guinea,

Honduras, Rwanda, and Tanzania", *Vaccine*, 2025, vol. 54, pp. 127066

### **Essential components of postnatal care – a systematic literature review and development of signal functions to guide monitoring and evaluation**

MCCAULEY, H., K. LOWE, N. FURTADO, V. MANGIATERRA, N. VAN DEN BROEK, "Essential components of postnatal care – a systematic literature review and development of signal functions to guide monitoring and evaluation", *BMC Pregnancy and Childbirth*, 2022, vol. 22, no. 1, pp. 448

### **What are the essential components of antenatal care? A systematic review of the literature and development of signal functions to guide monitoring and evaluation**

MCCAULEY, H., K. LOWE, N. FURTADO, V. MANGIATERRA, N. VAN DEN BROEK, "What are the essential components of antenatal care? A systematic review of the literature and development of signal functions to guide monitoring and evaluation", *BJOG: An International Journal of Obstetrics & Gynaecology*, 2022, vol. 129, no. 6, pp. 855-867

### **Where is the 'C' in antenatal care and postnatal care: A multi-country survey of availability of antenatal and postnatal care in low- and middle-income settings**

MADAJ, B., S. GOPALAKRISHNAN, A. QUACH, S. FILIACI, A. TRAORE, D. BAKUSA, M. MDEGELA, A. W. YOUSOFZAI, A. J. RAHMANZAI, G. KODINDO, J. GAMI, N. D. ROSTAND, H. KESSELY, S. A. ADDO, M. ABBEY, M. SAPALI, A. OMAR, A. ERNEST, R. MTANDU, A. AGOSSOU, G. K. KETOH, N. FURTADO, V. MANGIATERRA, N. VAN DEN BROEK, "Where is the 'C' in antenatal care and postnatal care: A multi-country survey of availability of antenatal and postnatal care in low- and middle-income settings", *BJOG: An International Journal of Obstetrics & Gynaecology*, 2022, vol. 129, no. 9, pp. 1546-1557

### **Emergenze sanitarie: il caso papilloma virus - Health Emergencies: The Case of the Papilloma Virus**

BERLOTO, S., V. MANGIATERRA, E. PAGLIAROLI, A. TORBICA, "Emergenze sanitarie: il caso papilloma virus - Health Emergencies: The Case of the Papilloma Virus", *Economia & Management*, 2020, no. 3, pp. 28-31

### **Leveraging Global Fund investments for health systems strengthening: a qualitative case study on Morocco's Concept Note development**

BOLAN, N., A. AZZOUZI, K. ALAMI, A. ALAOU, H. HACHRI, A. LATIFI, E. FERENCHICK, V. MANGIATERRA, S. MURRAY, G. SHAKARISHVILI, Y. SOUTEYRAND, "Leveraging Global Fund investments for health systems strengthening: a qualitative case study on Morocco's Concept Note development", *Eastern Mediterranean Health Journal*, 2020, vol. 28, no. 8, pp. 957-966

### **Global Call to Action to scale-up coverage of intermittent preventive treatment of malaria in pregnancy: seminar report**

AGARWAL, K., P. ALONSO, R. M. CHICO, J. COLEMAN, S. DELLICOUR, J. HILL, M. MAJERES-LUGAND, V. MANGIATERRA, C. MENENDEZ, K. MITCHELL, E. ROMAN, E. SICURI, H. TAGBOR, A. M. VAN EIJK, J. WEBSTER, "Global Call to Action to scale-up coverage of intermittent preventive treatment of malaria in pregnancy: seminar report", *Malaria Journal*, 2015, vol. 14, no. 1

### **Global Call to Action: maximize the public health impact of intermittent preventive treatment of malaria in pregnancy in sub-Saharan Africa**

CHICO, R. M., S. DELLICOUR, E. ROMAN, V. MANGIATERRA, J. COLEMAN, C. MENENDEZ, M. MAJERES-LUGAND, J. WEBSTER, J. HILL, "Global Call to Action: maximize the public health impact of intermittent preventive treatment of malaria in pregnancy in sub-Saharan Africa", *Malaria Journal*, 2015, vol. 14, no. 1

**Workforce interventions to improve access to emergency contraception pills: a systematic review of current evidence in low- and middle-income countries and recommendations for improving performance**

DAWSON, A., N.-T. TRAN, E. WESTLEY, V. MANGIATERRA, M. FESTIN, "Workforce interventions to improve access to emergency contraception pills: a systematic review of current evidence in low- and middle-income countries and recommendations for improving performance", *BMC Health Services Research*, 2015, vol. 15, no. 1

**Improving Access to Emergency Contraception Pills through Strengthening Service Delivery and Demand Generation: A Systematic Review of Current Evidence in Low and Middle-Income Countries**

DAWSON, A., N.-T. TRAN, E. WESTLEY, V. MANGIATERRA, M. FESTIN, "Improving Access to Emergency Contraception Pills through Strengthening Service Delivery and Demand Generation: A Systematic Review of Current Evidence in Low and Middle-Income Countries", *Plos One*, 2014, vol. 9, no. 10, pp. e109315

**Protocol for a drugs exposure pregnancy registry for implementation in resource-limited settings**

MEHTA, U., C. CLERK, E. ALLEN, M. YORE, E. SEVENE, J. SINGLOVIC, M. PETZOLD, V. MANGIATERRA, E. ELEFANT, F. M. SULLIVAN, L. B. HOLMES, M. GOMES, "Protocol for a drugs exposure pregnancy registry for implementation in resource-limited settings", *BMC Pregnancy and Childbirth*, 2012, vol. 12, no. 1

**Understanding Methods for Estimating HIV-Associated Maternal Mortality**

ROSEN, J. E., I. DE ZOYSA, K. DEHNE, V. MANGIATERRA, Q. ABDOOL-KARIM, "Understanding Methods for Estimating HIV-Associated Maternal Mortality", *Journal of Pregnancy*, 2012, vol. 2012, pp. 1-8

**The Health Impact of Child Labor in Developing Countries: Evidence From Cross-Country Data**

ROGGERO, P., V. MANGIATERRA, F. BUSTREO, F. ROSATI, "The Health Impact of Child Labor in Developing Countries: Evidence From Cross-Country Data", *American Journal of Public Health*, 2007, vol. 97, no. 2, pp. 271-275

**What do people think about disabled youth and employment in developed and developing countries? Results from an e-discussion hosted by the World Bank**

ROGGERO, P., R. TARRICONE, M. NICOLI, V. MANGIATERRA, "What do people think about disabled youth and employment in developed and developing countries? Results from an e-discussion hosted by the World Bank", *Disability & Society*, 2006, vol. 21, no. 6, pp. 645-650

**Why and how to invest in neonatal health**

MANGIATERRA, V., M. MATTERO, E. DUNKELBERG, "Why and how to invest in neonatal health", *Seminars in Fetal and Neonatal Medicine*, 2006, vol. 11, no. 1, pp. 37-47

**Essential newborn care training activities: 8years of experience in Eastern European, Caucasian and Central Asian countries**

UXA, F., A. BACCI, V. MANGIATERRA, G. P. CHIAFFONI, "Essential newborn care training activities: 8 years of experience in Eastern European, Caucasian and Central Asian countries", *Seminars in Fetal and Neonatal Medicine*, 2006, vol. 11, no. 1, pp. 58-64

#### **WHO appropriate technology for birth: New directions for perinatal care**

CHALMERS, B., V. MANGIATERRA, "WHO appropriate technology for birth: New directions for perinatal care", *Perinatology*, May 2003, vol. 5, no. 3, pp. 101-106

#### **WHO Principles of Perinatal Care: The Essential Antenatal, Perinatal, and Postpartum Care Course**

CHALMERS, B., V. MANGIATERRA, R. PORTER, "WHO Principles of Perinatal Care: The Essential Antenatal, Perinatal, and Postpartum Care Course", *Birth*, 2001, vol. 28, no. 3, pp. 202-207

#### **Maternity advice survey: sleeping position in Eastern Europe**

NELSON, E. A. S., A. SERRA, S. COWAN, V. MANGIATERRA, "Maternity advice survey: sleeping position in Eastern Europe", *Archives of Disease in Childhood*, 2000, vol. 83, no. 4, pp. 304-306

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## **Other**

#### **Vaccinations in low-income countries: Why technology is not enough - Vaccinazioni nei paesi a basso reddito: perché l'elettronica non basta**

FEDERICI, C. B., M. CAVAZZA, A. TORBICA, V. MANGIATERRA, "Vaccinations in low-income countries: Why technology is not enough - Vaccinazioni nei paesi a basso reddito: perché l'elettronica non basta", *SDA Bocconi Insight*, 20 October 2025

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## **Proceedings/Presentations**

#### **The Costs of Deploying and Maintaining Digital Health Interventions to Improve Immunization and Vaccine Logistics Data Management in Low- and Middle- Income Countries. A multi-country study in Guinea, Honduras, Rwanda and Tanzania.**

VERYKIOU, M., C. B. FEDERICI, M. CAVAZZA, F. SABBATUCCI, C. JOMMI, C. HUGO, S. MALVOLTI, C. MANTEL, V. MANGIATERRA, J. CONDO, A. DELAMOU, E. RODRIGUEZ, L. CASTILLO, N. E. NTINGINYA, A. TORBICA, "The Costs of Deploying and Maintaining Digital Health Interventions to Improve Immunization and Vaccine Logistics Data Management in Low- and Middle- Income Countries. A multi-country study in Guinea, Honduras, Rwanda and Tanzania." in IHEA's 15th World Congress, July 8-12, 2023, Cape Town, South Africa

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## **Contribution to Chapters, Books or Research Monographs**

### **Maternal Health**

MANGIATERRA, V., M. BUCAGU, F. SABBATUCCI, "Maternal Health" in Global Health Essentials., Mario C. B. Raviglione, Fabrizio Tediosi, Simone Villa, Núria Casamitjana, Antoni Plasència (Eds.), Springer International Publishing, pp. 59-65, 2023

### **Current Challenges and Research Gaps in Malaria in Pregnancy**

MENENDEZ, C., E. FERENCHICK, V. MANGIATERRA, "Current Challenges and Research Gaps in Malaria in Pregnancy" in Encyclopedia of Malaria., Marcel Hommel and Peter G. Kremsner (Ed.), Springer, 2016

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## **Comments, Discussions, Replies in Journal**

### **Scaling-up integration of health services**

FERENCHICK, E., K. RASANATHAN, N. TORO POLANCO, O. BORNEMISZA, E. KELLEY, V. MANGIATERRA, "Scaling-up integration of health services", The Lancet, 2018, vol. 393, no. 10116, pp. 102-103

### **A renewed focus on preventing malaria in pregnancy**

FERENCHICK, E. K., E. ROMAN, K. WOLF, L. FLOREY, S. YOULL, V. MANGIATERRA, K. AGARWAL, J. GUTMAN, "A renewed focus on preventing malaria in pregnancy", Reproductive Health, 2018, vol. 15, no. 1

### **Malaria in pregnancy: challenges for control and the need for urgent action**

MENENDEZ, C., E. FERENCHICK, E. ROMAN, A. BARDAJI, V. MANGIATERRA, "Malaria in pregnancy: challenges for control and the need for urgent action", The Lancet, 2015, vol. 3, no. 8, pp. e433-e434

### **Weighing for results: assessing the effect of IPTp**

GUTMAN, J., E. ECKERT, V. MANGIATERRA, A. BARDAJÍ, J. J. APONTE, C. MENÉNDEZ, B. NAHLEN, L. SLUTSKER, "Weighing for results: assessing the effect of IPTp", The Lancet Infectious Diseases, 2013, vol. 13, no. 4, pp. 292

### **HIV and maternal mortality: turning the tide**

ABDOOL-KARIM, Q., C. ABOUZAHR, K. DEHNE, V. MANGIATERRA, J. MOODLEY, N. ROLLINS, L. SAY, N. SCHAFFER, J. E. ROSEN, I. DE ZOYSA, "HIV and maternal mortality: turning the tide", The Lancet, 2010, vol. 375, no. 9730, pp. 1948-1949

### **Health messages on smoking and breastfeeding in maternity hospitals of Eastern Europe**

NELSON, E. A. S., S. COWAN, A. SERRA, V. MANGIATERRA, "Health messages on smoking and breastfeeding in maternity hospitals of Eastern Europe", Tobacco Control, 2002, vol. 11, no. 3, pp. 284-284

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## **Teaching Materials**

**Mother to child transmission (eMTCT) of HIV: challenges in integration and of therapeutic strategies. Training Course in Sexual and Reproductive Health Research 2014. Module: Principles and Practice of Sexually Transmitted Infections Prevention and Care.**

MANGIATERRA, V. - "Mother to child transmission (eMTCT) of HIV: challenges in integration and of therapeutic strategies. Training Course in Sexual and Reproductive Health Research 2014. Module: Principles and Practice of Sexually Transmitted Infections Prevention and Care." - 2014, World Health Organization

**WHO Technical Guidance Note: Strengthening the inclusion of reproductive, maternal, newborn and child (RMNCH) health in concept notes to the Global Fund.**

MANGIATERRA, V. - "WHO Technical Guidance Note: Strengthening the inclusion of reproductive, maternal, newborn and child (RMNCH) health in concept notes to the Global Fund." - 2014, World Health Organization

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## Research Reports

**MPS notes: Adolescent pregnancy.**

MANGIATERRA, V., R. PENDSE, K. MCCLURE, J. ROSEN - "MPS notes: Adolescent pregnancy." - 2008, World Health Organization

**Young People Speak Out. Youth Consultations for the World Development Report 2007.**

MANGIATERRA, V., G. VOLLMER - "Young People Speak Out. Youth Consultations for the World Development Report 2007." - 2006, The World Bank

**Children and Youth: A Framework for Action.**

MC GINNES, L., V. MANGIATERRA, J. F. SANCHEZ - "Children and Youth: A Framework for Action." - 2005, The World Bank

**Children and Youth: A Resource Guide for World Bank Staff**

MC GINNES, L., V. MANGIATERRA, J. F. SANCHEZ - "Children and Youth: A Resource Guide for World Bank Staff" - 2005, The World Bank

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## Practice-Oriented Books

**Getting to Know the World Bank: A Guide for Young People**

MANGIATERRA, V. - "Getting to Know the World Bank: A Guide for Young People" - 2005, The World Bank