

Dr. Daleen Loest

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SUMMARY OF KEY SKILLS

- Very motivated, dedicated, and competent individual, who is organized, reliable, and works equally well independently, or as part of a multi-disciplinary team
- Takes responsibility and ownership of tasks, works meticulously
- Well-developed leadership, facilitation, and mentoring skills
- Passionate about developing coalitions to build community capacity, and improve community health and development
- Highly developed verbal and written communication skills, with the ability to engage and collaborate with people from all backgrounds, from ground level community members to decision makers
- Adept at planning, implementing, monitoring, and evaluating health intervention and promotion projects
- Skilled at understanding, interpreting, and applying scientific research knowledge
- Ability to translate scientific knowledge into a format understandable to a broader audience
- Developed various creative media communication products for knowledge mobilization and education. These include infographics, videos, plain language summaries, website content, social media posts, posters, a photo essay, policy briefs, and weekly newsletters.
- Ability to intersect and engage with clinical, government, academic, and private stakeholders
- Highly skilled at public speaking, and creating engaging PowerPoint presentations
- Proficient at collecting, analyzing, interpreting, critically appraising, and reporting data
- Has a strong foundational knowledge about outbreak investigations
- Adept at writing a variety of reports, including health status reports, intervention recommendation reports, literature reviews, evaluation reports, and policy briefs

EDUCATION

Master of Public Health (MPH): April 2017

University of Guelph, Department Population Medicine, Guelph, Ontario

Courses: Epidemiology and Statistics, Epidemiology I, Community Health Promotion, Infectious Diseases, Epidemiology of Zoonoses, Communication I and II, Environmental Public Health, Public Health Policy and Systems, Public Health Administration, Disaster Planning and Management, Global Health

Bachelor Degree of Medicine and Surgery (MBChB): December 1994

University of Pretoria, Pretoria, South Africa

PROFESSIONAL EXPERIENCE

Research Management: May 23, 2017 – present

Public Health Agency of Canada, Guelph

- Conducted a systematic review about ionophore use in food animals and its potential human health impacts
- Currently writing a risk profile about ceftiofur resistant *Salmonella* Heidelberg from poultry
- Involved in refining and applying antimicrobial use metrics to CIPARS surveillance data

External member: One Health Initiative: April 2017

Wellington-Dufferin-Guelph Public Health, Guelph

- Conducted an environmental scan, and is planning stakeholder engagement strategies
- Involves engagement with the University of Guelph and the community served by WDG Public Health Unit.

Graduate Service Assistant: February 10, 2017- May 1, 2017

Department of Population Medicine, University of Guelph

- Assisted with a media review and a scoping review

Practicum MPH student: May 2016-August 2016

Public Health Agency of Canada, Guelph

- Assisted metric development to estimate antimicrobial use in Canadian food animal production
- Developed a novel method to extrapolate antimicrobial use data to provincial and national levels, that can be applied to broader agricultural production systems
- Analyzed surveillance data
- Interacted and engaged with national and international stakeholders
- Presented research findings to stakeholders and peers through an oral and poster presentation, and a written scientific methods paper
- Co-authored an abstract for the third annual International Conference on Animal Health Surveillance (accepted for oral presentation).

Medical Advisor and Case Manager: 2009-2013

Thandile Health Risk Management, Pretoria, South Africa

- Evaluated and assessed temporary and permanent disability applications
- Conducted situational assessments, and wrote comprehensive reports advising relevant government departments regarding appropriate steps to ensure optimal employee health
- Condensed large amounts of scientific information into a concise report that is understandable to non-medical individuals
- Researched best policy practices, and made policy recommendations to decision-makers

Surgical Assistant: 2000-2012

Pretoria East Hospital, Pretoria, South Africa

- Assisted in a variety of surgical procedures on a weekly basis
- Involved engagement with specialists, nurses, and clerical staff
- Required meticulous attention to detail, infection control and procedural excellence

Family Physician: 1996-2008

Independent Practice, South Africa

- Performed comprehensive physical and mental assessments, ordered and interpreted appropriate diagnostic procedures, recommended, prescribed, and oversaw evidence based treatment in a holistic, continuous, and comprehensive way
- Mentored medical students, and supervised staff
- Developed and implemented various strategies to engage the broader community
- Planned, implemented, monitored and evaluated infection control practices
- Developed and delivered workshops to improve community health engagement
- Guest lecturer at the University of Pretoria's Psychology Department
- Monitored population health through data collection and analysis
- Engaged with community partners and government policy makers

Emergency and Trauma Physician: 2000-2003

Pretoria East Hospital, Pretoria, South Africa

- Provided emergency care for medical and trauma emergencies in a large trauma unit.
- Required the ability to lead a team, and make critical time-sensitive decisions in a highly stressful environment

PUBLICATIONS

- Bosman, A; Loest, D; Carson, C; Léger, D. Metrics for Measuring Veterinary Antimicrobial Use Data – a Canadian Perspective. Third International Conference on Animal Health Surveillance (ICAHS 3). Rotura, New Zealand. April 30 – May 4, 2017. Conference abstract (accepted for oral presentation)
- Loest D, Brault SA, Gow S, Morley PS, Apley MD, Carson C. Ionophore Use in Food Animal Production and its Impact on Human Health in terms of Antimicrobial Resistance: A Scoping Review. Proceedings of the 98th Annual Conference of Research Workers in Animal Diseases, Chicago, IL, 2017. Abstract number 182. (accepted for oral presentation)

ADDITIONAL SKILLS

- Computer skills: Microsoft Word, PowerPoint, and Excel. R (Statistical Computing Language), Pictochart, Goanimate, Powtoon, Photoshop, DistillerSR, Refworks
- Administrate a large Facebook group and its content

- Language Skills: Fluent in English and Afrikaans

PROFESSIONAL ASSOCIATIONS

- Centre for Public Health and Zoonoses (CPHAZ): Member, 2015 – present
- Health Professions Council of South Africa (HPCSA): General Practitioner, 1996-present

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