

ARIANTIKA

Public Health Researcher (Epidemiology & Biostatistics)

✉ ariantikaeffendi@gmail.com ☎ +62 822 8997 5050 📍 Medan, North Sumatra, Indonesia

🌐 [linkedin.com/in/ariantikaa](https://www.linkedin.com/in/ariantikaa) 🔗 ariantika.me

PROFESSIONAL SUMMARY

Epidemiology and Biostatistics Researcher with 8+ years of experience in quantitative public health research across infectious diseases, cancer, and non-communicable diseases. Strong publication record in international journals with expertise in statistical and epidemiological analysis. Focused on disease patterns, risk factors, and evidence-based strategies to improve population health outcomes.

WORK EXPERIENCE

- Research Assistant, Universitas Sumatera Utara** 2017 – Present
Medan, Indonesia
- Supported epidemiological and environmental health research (study design, data collection, management)
 - Conducted statistical analysis and data interpretation (SPSS)
 - Analyzed clinical and population health data (cancer, infectious diseases, environmental exposures)
 - Applied quantitative approaches to identify patterns and health risk factors
 - Contributed to scientific writing and peer-reviewed publications
 - Ensured data quality, integrity, and research documentation
 - Collaborated with multidisciplinary research teams
- Administration, Adam Malik General Hospital** 2021 – 2023
Medan, Indonesia
- Managed administrative operations including scheduling, email communication, and data processing
 - Coordinated meetings and supported internal communication workflows
 - Maintained organized records and handled confidential information efficiently

EDUCATION

- Master Public Health (Epidemiology), Universitas Sumatera Utara** 2022 – 2024
Medan, Indonesia
- GPA: 3.85 / 4.00
- Bachelor Public Health (Environmental Health), Universitas Sumatera Utara** 2012 – 2017
Medan, Indonesia
- GPA: 3.34 / 4.00

SKILLS

Technical Skills: SPSS (Statistical Package for Social Sciences) | Microsoft Excel | Data Management | Statistical Analysis

Research Skills: Epidemiological Research | Biostatistics | Data Analysis | Public Health Surveillance

Scientific & Writing Skills: Scientific Writing & Publication | Academic Editing & Proofreading | Research Documentation

Soft Skills: Communication | Leadership | Time Management | Critical Thinking | Public Speaking

PUBLICATIONS & RESEARCH

- Assessment of Quality of Life in Advanced-Stage Lung Cancer Patients Using EORTC QLQ-C30 Questionnaire** *∅*, *Jurnal Respirologi Indonesia (J Respi)* 2024
- Published (SINTA 2 Accredited)
- Dyspnea and Family Support as Determinants of Quality of Life in Advanced Lung Cancer: Implications for Respiratory Therapy Practice,** *Canadian Journal of Respiratory Therapy (Scopus Q2)* 2026
- Status: submitted
- Five-Year Trends and Incidence of Healthcare-Associated Infections in Indonesian Teaching Hospital: A Retrospective Surveillance Study (2021–2025),** *Epidemiologia (Scopus Q2)* 2026
- Status: submitted
- Innovation of Biophilic Elements to Reduce Transmission Risk, Enhance Recovery, and Support Psychological Health for Pulmonary Tuberculosis Patients in Isolation Rooms,** *Health & Place (Scopus Q1)* 2026
- Status: submitted

PROFESSIONAL DEVELOPMENT

- Genomics and Science Dojo 2025 Cycle 2 (Shinjitsu Mini Tournament),** 2025
Shinjitsu / Supported by British Embassy Jakarta Jakarta, Indonesia
- Workshop "Accelerating and Improving Journal Quality with Artificial Intelligence (AI)",** 2024
JobQita Medan, Indonesia
- Seminar "Writing and Proofreading: What's the big deal?,"** 2021
The English House Medan, Indonesia

VOLUNTEER SPEAKER (COMMUNITY HEALTH EDUCATION ACTIVITIES)

- Community Health Education, Various Locations**
- Seminar on Handwashing with Soap, Bingkawan, Sibolangit, Deli Serdang Regency
 - Seminar on Clean and Healthy Lifestyle, Gungpinto Village, Sinabung
 - Seminar on Healthy Living Awareness, Sukadame Village, Karo District
 - Workshop on Dental Health Education, Al-Hidayah Primary School, Sitinjo Village, Dairi District

LEADERSHIP & ORGANIZATIONAL EXPERIENCE

- Smart Generation Community, Universitas Sumatera Utara, Partnership & Network** 2012 – 2016
Medan, Indonesia
- Developed partnerships and supported scientific community engagement, and student skill-development activities
- Anti-Tobacco Movement Worldwide, Universitas Sumatera Utara, Member** 2014 – 2015
Medan, Indonesia
- Participated in public health campaigns promoting tobacco control and healthy lifestyles
- SAHIVA Universitas Sumatera Utara, Youth Volunteer – HIV/AIDS Prevention** 2012 – 2013
Medan, Indonesia
- Health education programs focused on HIV/AIDS prevention and reproductive health

LANGUAGE

Indonesian (Native), **English** (Upper Intermediate)