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*Lecturers affiliated with Universitas Sumatera Utara with the current functional position are Lector. The field of knowledge taken is Occupational Health with an interest in Occupational Health research. Research that has been conducted and publications that have been published include:*

- 1. Identification of Hazards and Occupational Hazard Maps for Street Sweepers in Medan City*
- 2. Quality of work life of street sweepers in Medan City and Occupational Health and Safety Risk Mapping Using the SIRISKA Smart Online Application (Occupational Risk Mapping System) for Palm Oil Harvesters at PTPN IV Adolina Gardens.*
- 3. Publication of the quality of work life of street sweepers in accordance with the field of study entitled Quality Of Work Life Affected By Work Climate On Street Sweeper Workers In Medan City: An Evidence From Medan, North Sumatera Utara, Indonesia.*
- 4. Publication entitled "Hazard Identification and Risk Work Assessment on Street Sweeper In Medan City, Occupational Safety And Health Behaviour Of The Cleanlines Service Workers In Medan, Independence In Resolving Safety And Health Issues And*

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## Publications

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2026

Jurnal internasional bereputasi

### **Bridging the Legitimacy Gap: Epistemic Authority and Self-Efficacy in NCD Screening Among Indonesian Industrial Workers**

UMI SALMAH , NASRUL Z

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2025

Jurnal nasional

### **Faktor-faktor yang Berhubungan dengan Kelelahan Kerja pada Pekerja Penun di Galeri Ulos Sianipar Medan Tahun 2025**

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2025

Jurnal internasional bereputasi

### **The role of social support in NCD IHSP uptake among industrial workers: a quantitative approach**

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### **The role of social support in NCD IHSP uptake among industrial workers: a quantitative approach**

YUSEVA SARIATI , NASRUL ZAMAN , UMI SALMAH

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2025

Buku referensi

### **Higiene dan Sanitasi Industri**

NASRUL Z , UMI SALMAH

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2025

Jurnal internasional

### **THE EFFECT OF OCCUPATIONAL ENVIRONMENTAL FACTORS ON ELEVATED BLOOD PRESSURE AMONG WORKERS IN A PALM OIL MILL: A CASE STUDY**

2025

Buku referensi

**Manajemen Keselamatan dan Kesehatan Kerja Unruk Pekerja Sektor Informal**

NASRUL Z , UMI SALMAH

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2025

Buku lainnya

**Surveilans K3**

NASRUL Z , UMI SALMAH

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2025

Buku lainnya

**Manajemen Risiko K3 "Kesehatan dan Keselamatan Kerja"**

NASRUL Z , UMI SALMAH

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2025

Jurnal internasional bereputasi

**Impact of toluene exposure on MDA, creatinine, and BUN levels in printing workers at Airlangga University Press, Surabaya**

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Jurnal internasional bereputasi

**The Effect of Ultraviolet Radiation Intensity on Eye Disorders Among Welders in Medan Maimun District, Medan City in 2024**

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2024

Jurnal nasional

**Gerakan PHBS Rumah Tangga sebagai Pilar Pencegahan Penyakit di Desa Paluh Sibaji**

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2024

Jurnal internasional bereputasi

**Factors Affecting Safety Behaviour of Workers at PT. Toba Pulp Lestari, TBK**

UMI SALMAH

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2024

Buku referensi

**Buku Keselamatan dan Kesehatan Kerja**

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2024

Jurnal nasional terakreditasi

**The Effect of Working Posture on Musculoskeletal Disorders Complaints Moderated By Smoking Copra Workers in Tanjung Balai, Asahan Regency**

UMI SALMAH

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2024

Buku referensi

**Buku Epidemiologi Keselamatan dan Kesehatan Kerja**

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2024

Jurnal nasional terakreditasi

**Analysis of Differences in Employee Performance on Job Satisfaction in the Company Hutama Karya Infrastructure Zone 4 Langkat Regency**

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2023

Jurnal nasional terakreditasi

**ANALISIS FAKTOR LINGKUNGAN RUMAH DAN KEBERADAAN JENTIK AEDES**

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2023

Jurnal nasional terakreditasi

**Relationship Between Organizational Ergonomics and Work Motivation in The Ministry of Religion Binjai**

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Jurnal internasional

**The Effect Of Physical Workload On Work Fatigue Of Expedition Courier In Banda Aceh**

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2022

Jurnal nasional

**PKM DEVELOPMENT OF HEALTHY CULTURE OF TRADITIONAL MARKET TRADERS IN PULO BRAYAN VILLAGE, WEST MEDAN DISTRICT: PKM PENGEMBANGAN BUDAYA SEHAT PEDAGANG PASAR TRADISIONAL DIÂ ...**

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**PKM DEVELOPMENT OF HEALTHY CULTURE OF TRADITIONAL MARKET TRADERS IN PULO BRAYAN VILLAGE, WEST MEDAN DISTRICT**

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2022

Jurnal nasional terakreditasi

**SYMPATHY ACTION SAFETY DRIVING CAMPAIGN IN PREVENTING TRAFFIC ACCIDENTS ON GO-JEK COMMUNITY RIDERS IN MEDAN CITY: AKSI SIMPATI KAMPANYE SAFETY DRIVING DALAM MENCEGAH KECELAKAAN LALU LINTAS PADA PENGENDARA GO-JEK COMMUNITY DI KOTA MEDAN.**

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2022

Jurnal nasional

**SYMPATHY ACTION SAFETY DRIVING CAMPAIGN IN PREVENTING TRAFFIC ACCIDENTS ON GO-JEK COMMUNITY RIDERS IN MEDAN CITY: AKSI SIMPATI KAMPANYE SAFETY DRIVING DALAM MENCEGAH KECELAKAANÂ ...**

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Jurnal nasional

**ENDING IN IMPROVING SKILLS AND PROVIDING MILLING EQUIPMENT FOR CASSAVA SKIN PROCESSING INTO HEALTHY AND ECONOMICALLY VALUABLE SNACKS: PENDAMPINGAN DALAM PENINGKATANÂ ...**

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2021

Jurnal internasional bereputasi

**Spatial Analysis of Metal Content in Community Drinking Water Sources in Post Eruption of Sinabung Mountain in Karo District**

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**Quality Of Work Life Affected By Work Climate On Street Sweeper Workers In Medan City: An Evidence From Medan, North Sumatera Utara, Indonesia**

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2021

Prosiding seminar nasional

# **Validity and Reliability Test of Work Climate Questionnaire and Quality of Work Life**

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2020

Jurnal internasional

## **Independence in Resolving Safety and Health Issues and Occupational Occupations of Road Sweepers in Town X**

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2020

Jurnal nasional terakreditasi

## **Larva monitoring on elementary school students (SD) as prevention of dengue fever (DBD)**

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2019

Jurnal internasional

## **Level of Life Satisfaction of Street Sweeper Workers in Medan City.**

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2019

Artikel ilmiah

## **Gambaran Kecelakaan Kerja pada Petugas Pengangkut Sampah Armada Mobil di Kota Medan Tahun 2019**

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2018

Jurnal internasional bereputasi

## **PENGARUH MP-ASI DINI DI WILAYAH KERJA PUSKESMAS BUKIT KAYU KAPUR TAHUN 2017**

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2017

Jurnal internasional

## **Occupational Safety and Health Behaviour of The Cleanliness Service Workers in Medan**

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2017

Jurnal internasional bereputasi

## **Designing performance assessment systems based on the method of the competence of spencer in the maternal and child Hospital Medan Indonesia**

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2017

Jurnal nasional terakreditasi

## **IDENTIFIKASI BAHAYA DAN PETA BAHAYA KERJA PADA PENYAPU JALAN DI KOTA MEDAN**

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2017

Jurnal nasional terakreditasi

## **Perancangan sistem penilaian kinerja berbasis kompetensi perawat gawat darurat di RSU Herna Medan**

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2017

Jurnal nasional terakreditasi

## **Validitas Penilaian Kinerja Berbasis Kompetensi Perawat Gawat Darurat**

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2016

Jurnal nasional terakreditasi

## **Hazard Identification and Risk of Work Assessment on Street Sweeper in Medan City**

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2016

Prosiding seminar internasional

**Hazard identification and risk of work assesment on street sweeper in Medan City**

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2016

Jurnal nasional terakreditasi

**Perancangan Sistem Penilaian Kinerja 360° Berdasarkan Metode Kompetensi Spencer Bagian Medis di Rasyidamedan**

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2016

Jurnal nasional

**Perancangan Sistem Penilaian Kinerja 360° Berdasarkan Metode Kompetensi Spencer Bagian Medis di Rasyidamedan**

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**Perancangan Sistem Penilaian Kinerja 360° Berdasarkan Metode Kompetensi Spencer Bagian Medis di Rasyidamedan**

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2015

Jurnal nasional

**Faktor-Faktor Yang Berhubungan Dengan Kelelahan Pengemudi Bus Di CV Makmur Medan Tahun 2014**

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2015

Jurnal nasional terakreditasi

**Hubungan Faktor Resiko Dengan Terjadinya Nyeri Punggung Bawah (Low Back Pain) Pada Tenaga Kerja Bongkar Muat (Tkbm) Di Pelabuhan Belawan Medan Tahun 2015**

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2015

Jurnal nasional

**Faktor-faktor Yang Mempengaruhi Potensi Kecelakaan Kerja Pada Pengemudi Truk di PT Berkatnugraha Sinarlestari Belawan Tahun 2015**

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2014

Jurnal nasional terakreditasi

**Gambaran Pengetahuan, Sikap, dan Tindakan Petani Penyemprot pada Penggunaan Pestisida di Desa Sugihen Kecamatan Dolat Rayat Tahun 2013**

UMI SALMAH

2013

Jurnal nasional terakreditasi

**Hubungan Karakteristik Pekerja dan Cara Kerja dengan Kelelahan Kerja pada Pemanen Kelapa Sawit di PT. Perkebunan Nusantara IV (PERSERO) Unit Usaha Adolina Tahun 2012**

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2012

Jurnal nasional

**Gambaran risiko pekerjaan petugas pemadam kebakaran di dinas pencegah pemadam kebakaran (DP2K) kota medan**

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2002

Tulisan ilmiah

# **Pemeriksaan Fungsi Paru dan Kajian Peran Dinas Kebersihan dalam Upaya Pencegahan Gangguan Kesehatan pada Pekerja Wanita Penyapu Jalan di Kota Medan 2002**

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2026

Jurnal nasional terakreditasi

## **ANALISIS FAKTOR LINGKUNGAN RUMAH DAN KEBERADAAN JENTIK AEDES AEGYPTI DI KELURAHAN TEBING TINGGI TAHUN 2022 ANALYSIS OF HOUSE ENVIRONMENT FACTORS AND PRESENCE OF AEDES AEGYPTI**

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2026

Artikel ilmiah

## **Faktor-faktor Yang Mempengaruhi Potensi Kecelakaan Kerja Pada Pengemudi Truk di PT Berkatnugraha Sinarlestari Belawan Tahun 2015**

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## **Community Services**

2021

Ipteks Bagi Masyarakat

## **GERAKAN PENGEMBANGAN BUDAYA "SERASI" PADA PASAR TRADISIONAL DI KELURAHAN PULO BRAYAN KECAMATAN MEDAN BARAT**

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2019

## **pemberdayaan masyarakat di desa petatal, kecamatan datuk tanah datar, kabupaten batubara melalui edukasi bahaya penggunaan NAPZA, pengetahuan kesehatan dan pendidikan**

HUBBAN NASUTION , UMI SALMAH , RAHIMAH

2018

KKN Pembelajaran Pemberdayaan Masyarakat

## **UPAYA PENERAPAN CUCI TANGAN PAKAI SABUN DALAM MEMINIMALISIR PENULARAN PENYAKIT PADA ANAK SEKOLAH TINGKAT DASAR DI DESA TANAH TIMBUL TAHUN 2018**

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## **Intellectual Property Rights**

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## **Mengenal Alumina: Bahaya dan Cara Pencegahannya di Tempat Kerja**

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# Epidemiologi Keselamatan dan Kesehatan Kerja

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