

Profile Image

**PROF. MADYA DR.  
MAZLYNDA BINTI MD  
YUSUF**

PENSYARAH UNIVERSITI DS14

## CONTACT

**Phone:** 6436

**E-mail:**  
mazlynda@usim.edu.my

**Faculty:** Fakulti Sains  
Dan Teknologi

## SUPERVISION

PhD - Completed: 0, Ongoing: 0

Master - Completed: 6,  
Ongoing: 0

## AREAS OF EXPERTISE

Actuarial Mathematics

Financial Mathematics

Insurances

## ACADEMIC QUALIFICATION

PhD in Gerontology (2012)

Master in Sains Aktuari (2007)

Bachelor in Sains Aktuari (2005)

Diploma in Sains Aktuari (2003)

## RESEARCH

### 1. FORMULATION OF LONG-TERM CARE TAKAFUL PRICING MODEL BASED ON RISK FACTORS AMONG THE ELDERLY IN MALAYSIA

2019 GERAN KPT COMPLETED MAIN RESEARCHER

### 2. FORMULATING A NEW LONG TERM CARE MODEL FOR AGEING SOCIETY IN MALAYSIA

2015 GERAN KPT COMPLETED MAIN RESEARCHER

### 3. IMPLICATIONS OF USING UNBIASED GENDER PREMIUM RATES: COMPARATIVE STUDY BETWEEN CONVENTIONAL AND TAKAFUL PRODUCTS

2012 GERAN KPT COMPLETED MAIN RESEARCHER

# PUBLICATION

---

## 1. ASSESSING FEATURES FOR MALYSIAN UNIVERSITIES EXPERT DIRECTORY

2ND INTERNATIONAL CONFERENCE ON EMERGING TECHNOLOGIES AND SUSTAINABILITY

2024 PROCEEDING NON-INDEX MAIN AUTHOR

## 2. BAB 8 INDUSTRI INSURANS DAN TAKAFUL: KESAN DAN IMPAK DI ERA PANDEMIK COVID-19

NORMA BAHARU: USAHA SAINS MEMAHAMI KEPERLUAN MASYARAKAT

2022 CHAPTER IN BOOK MAIN AUTHOR

## 3. LONG-TERM CARE FOR REHABILITATION IN MALAYSIA

2021 BOOK MAIN AUTHOR

## 4. A SYSTEMATIC REVIEW ON THE INSURABILITY RISK FOR LONG TERM CARE INSURANCE IN EUROPE AND ASIA COUNTRIES

MALYSIAN JOURNAL OF SCIENCE, HEALTH AND TECHNOLOGY

2020 JOURNAL OTHER DATABASE MAIN AUTHOR

## 5. THE IMPACT OF AGEING POPULATION ON MALYSIAN ECONOMIC GROWTH

ASM SCIENCE JOURNAL

2020 JOURNAL SCOPUS MAIN AUTHOR

## 6. THE CONCEPT OF HIBAH AND THEORY OF INTEREST

2020 BOOK MAIN AUTHOR

## 7. ASSESSING THE IMPACTS OF DISRUPTIONS DURING EMPLOYMENT: A STUDY ON WOMEN IN MALAYSIA

INTERNATIONAL CONFERENCE ON SOCIAL SCIENCE RESEARCH (ICSSR) 2013

2013 PROCEEDING NON-INDEX MAIN AUTHOR

## 8. UNBIASED GENDER PREMIUM RATES: A STUDY ON CONVENTIONAL AND TAKAFUL PRODUCTS

EKSPO INOVASI SAINS ISLAM 2013 (I-INOVA ""13)

2013 PROCEEDING NON-INDEX MAIN AUTHOR

# CONSULTATION

---

## 1. ANALISIS SITUASI PERKHIDMATAN HEMODIALISIS DI MALAYSIA

USIM HEALTHCARE SDN BHD

2023 NATIONAL

## 2. PERUNDING SMART DIREKTORI UNIVERSITI SAINS ISLAM MALAYSIA (USIM)

USIM

2023 UNIVERSITY

## 3. CERTIFICATE COURSE IN DATA SCIENCE USING PYTHON & R

KPT-PACE GRANT

2022 UNIVERSITY

# AWARDS/RECOGNITION

---

## 1. ACADEMIC ADVISOR

UNIVERSITAS PADJADJARAN - FACULTY OF MATHEMATICS AND NATURAL SCIENCES

2024 INTERNATIONAL

## 2. ACADEMIC ADVISOR

UITM SHAH ALAM

2024 STATE

## 3. ACADEMIC ADVISOR

UITM TAPAH & UITM SEREMBAN 3

2024 STATE

## 4. ACADEMIC ADVISOR

MALAYSIAN QUALIFICATIONS AGENCY (MQA)

2024 NATIONAL

## 5. ANALYSIS OF LENDING / FINANCING RATES AND PROFIT MOTIVE AMONG ISLAMIC BANKING CUSTOMERS

Semarak International Research Article Competition 2024 (SIRAC 2024)

2024 ANTARABANGSA SILVER