MUHAMMAD ZULFIKAR DEFIANTO

fikodefianto@gmail.com | (+62) 812-6668-1448

A medical student that's keen on personal development and in medical sciences, especially in Urology. Other interests include technology, social, politic, public health, management, economy, and leadership.

FORMAL EDUCATION

Medical Profession – Airlangga University **Jan 2024 – Apr 2026**

Medical Doctor Profession Programme, 3.73/4.00

- Captain of HIV Tropic Infection and Opthalmology Rotation

Bachelor Degree in Medicine – Airlangga University **Jul 2020 – Dec 2023**

Bachelor Degree in Medicine, 3.73/4.00

- Head of the Student Executive Board 2023, Supervising more than 1000 students. Overseeing 315 student activities in a year.
- Held major position in an Nationally accredited organization and in many faculty activities.
- Held many strategic position in more than 30 student's activities.

Electrical Engineering – Institut Teknologi Sepuluh Nopember **Jul 2019 – Jul 2020**

Bachelor Degree in Electrical Engineering, 3.93/4.00

- Best GPA in 2020 student year.
- Held an active part in coding laboratory, impacting 20+ students.

Senior High School – SMAN 5 Surabaya **Jul 2016 – Jul 2019**

High School Diploma in in Natural Science

- Steering committee of High School Olympiad Club. Responsible for 40+ students supplementary study.
- Chief of Supervisor of Nouveau 2018. Biggest highschool project in Surabaya. An Event for more than 5000 people.

ORGANIZATIONAL EXPERIENCE

FKUI-RSCM Urology Departement Research Assistant **June 2026 – Nov 2026**

Internship under the tutelage of dr. Fina Widia, Sp.U(K), Subsp.F.F.N.(K)

- Managing project that involves the urology departement.
- Written paper about a rare case and helps with doctoral studies.
- Managing departement administration

Head of Junior Doctors Network IDI Jatim - Indonesia **June 2026 – Present**

Departement Head

- Managing project that involves jumior doctors and medical students across Jawa Timur.
- Officer of training project to increase the skill of junior doctors.
- Planned a fundraiser for IDI Jatim.

Badan Koordinasi Nasional LKMI Indonesia - Indonesia **Nov 2025 – Present**

General Treasurer

- Managing the input and output of money in one of the largest Indonesian medical student organization.
- Fundraising of organizational needs.
- Planning a secure and accountable financial system in the organization.

LKMI Cabang Surabaya - Surabaya, Indonesia **Aug 2025 – Aug 2026**

Head of Development Division

- Organizing UKMPPD Preparation program for about 50 students.

- Developing a system of administration and infrastructure planning to open a clinic

Faculty of Medicine Student Executive Board – Surabaya, Indonesia **Jan 2023-Dec 2023**

Head of Organization

- Overseeing more than 1000 students.
- Supervising on more than 300 student's activities in a calendar year.
- Personally involved in student's growth and achievements.

HMI Komisariat Kedokteran – Surabaya, Indonesia **Apr 2021 – Present**

Academic and Sports Division

- Developing more than 200 student's academics by organizing academic events.

CIMSA FK UNAIR – Surabaya, Indonesia **Jul 2021-Jul 2022**

Human Resource Development Coordinator

- Responsible for social and leadership development of more than 600 organization members.
- Involved in 30+ activities in a single year.

Assalam, Faculty of Medicine – Surabaya, Indonesia **Apr 2021-Apr 2022**

- Chief Project Officer of new member orientation program. More than 170 participants.
- Help coordinate student development in more than 400 members.

Faculty of Medicine Student Executive Board – Surabaya, Indonesia **Mar 2020- Mar 2022**

- Vice Chief of Faculty of Medicine student leadership improvement program. 280+ Students are enrolled in this program.
- Vice Chief of Faculty of Medicine specialized leadership program. 20+ enrolled students.
- Vice Chief of Faculty of Medicine "New Student's Orientation Program." 400+ New students attend this program.

RESEARCH AND PUBLICATION

- Continent cutaneous urinary diversion with a modified Mansoura ileal pouch as salvage management of an irreparable vesicovaginal fistula with non-circumferential bladder neck loss: a case report, **Defianto**, Felim, Mandasari, Fitriani, Soeroto, Rahmita, Widia. – Oral Presentation at IUGA Regional Meeting in Turkey
- Beyond Two Hours: Geographic Access to Urologic Care, Workforce Distribution, and Socioeconomic Determinants in Indonesia, Mufid, **Defianto**, Jamhari – 2nd Place Original Research in ASMIUA 2026
- Safety of Flexible Ureterorenoscopy versus Percutaneous Nephrolithotomy for 10-25 mm Lower-Pole Renal Stones: A Systematic Review, Meta-Analysis, and Meta-Regression of Complications, Transfusion, and Infectious Morbidity, Mahlevi, **Defianto**, Hernanda, Firdaus, Soebadi – Poster Competition in JUF 2026
- Indonesia's Prostate Cancer Snapshot 2019-2023 : A Foundation of Future Policy, M. Z. F. **Defianto**, Z.A. Rahman – Oral Presentation in Fiesta Urology 2026
- Indonesia's Universal Health Coverage Bladder Cancer Pipeline: A Socio-Epidemiological Study with Geographical Characteristics, **Defianto**, Arsyi, Rahman. – Not yet published
- The Enemy of My Enemy is My Friend : The Use of Oncolytic Viral Therapy on Bladder Cancer Treatment, **Defianto**, Rahman – Not yet published
- Xanthophyll-Rich Extracts from *Garcinia dulcis* Pulp as Potential Anti-Hepatocellular Carcinoma Functional Food. Published on Nutrients. Kholili, Wicaksono, Hidayat, Bintoro, Soetjipto, Aryati, **Defianto**, Miftahussurur. DOI: https://doi.org/10.3390/nu18040670

- Exploring the Health Landscape: Diabetes Amongst Prospective 2024 Hajj Pilgrims in Surabaya – A Clinical Study – Not yet published
- Oxygen Dynamics in COVID-19: A Review of the Interplay Between Hypoxia, Hyperoxia, and Their Implications on Pathological Mechanisms. Published on IJRP. **Defianto**, Setiawan, Syafaah, Maulydia. DOI:10.47119/IJRP10013811220235759

HONORS AND AWARDS

- **Achievements** - 2nd Place Original Research in ASMIUA 2026, Research Submitted : Beyond Two Hours: Geographic Access to Urologic Care, Workforce Distribution, and Socioeconomic Determinants in Indonesia
- **Achievements** - 1st Place of Infographics Idea Competition Universitas Airlangga, Universiti Teknologi Malaya, and Singapore University of Technology and Design (2022): 1st Winner of an international infographics competition. Poster submitted : AI-Assisted Eye Tracking Glasses for Quick Diagnosis of Neurological Conditions
- **Achievements** - Best HRDC of Second Period, CIMSA Indonesia (2022): Won the award as the best Human Resource Development Coordinator, in a nationally accredited organization of more than 4000 members.
- **Achievements** - Best Newbies of CIMSA UNAIR (2020): Appointed as the best new member in CIMSA's University of Airlangga chapter. Won despite more than 200 new members.

PROJECT EXPERIENCE

IDI Jatim PRIME **Aug 2026**

Project Officer

- Head planner of the project.
- Trained 40++ junior doctors in Antenatal Care USG and FAST USG
- Trained 40++ junior doctors in navigating Indonesia's BPJS system and Internship Program.

LKMI Surabaya Clinic **Aug 2025**

Project Officer

- Head planner of the clinic.
- Lead team which includes medical doctors and medical students to prepare the medication, infrastructure, budget, and administration needed to open the clinic.
- Coordinated with Surabaya's Public Health Office to make LKMI's clinic accredited

UKMPPD Preparation Program **Dec 2024**

Project Officer – Medical National Examination Preparation Program

- Chief Project Officer of the event. Coordinator of more than 50 students.
- Coordinating the program with 10 residents as tutor.

LKMM Pra-TD **Oct 2022**

Vice Project Officer – Faculty Orientation Program

- Managed the Faculty of Medicine compulsory leadership training program. Attendance of more than 250 students.

SITOKIN Assalam (AETHER) **Oct 2021**

Project Officer – Student orientation program

- Chief Project Officer of Assalam's new students orientation program. Impacting more than 170 new members.

PKKMB **Aug 2021**

Vice Project Officer – Faculty Orientation Program

- Directing and Involved in arranging the event for more than 400 new students.

LKMM-TM **Apr 2021**

Vice Project Officer – Faculty of Medicine Specialized Leadership Program.

- Directing the event to increase the student leadership capacity. Impacting more than 20 students.

Anxiety Education for Teenager (AETHER) **Jan 2021**

Project Officer – A Nationwide event in mental health education

- Chief Project Officer of the event. Coordinator of more than 200 students.
- Nationwide event coverage. More than 150+ participants from all over Indonesia.

Mass COVID-19 Vaccination Program **Dec 2020**

Vaccinator

- Vaccinator in Surabaya's mass vaccination program of more than 2000 participants.

WORKSHOP AND TRAINING

Hard Skills - Summer School University of Groningen "Artificial Intellegence in Health" (2022): University of Gronningen's summer school program in Arificial Intellegence in Health, Focused learning in AI application, its ethical implications, and common setback in developing health focused AI

Symposium Attended – IUGA Regional Meeting : Turkey (2026)

Workshop Attended – IUGA Regional Meeting : Turkey (2026)

Symposium Attended – ASMIUA (2026)

Learnt about current update in urology for urologist and for general practioner. 2nd Place Original Research in ASMIUA 2026.

Workshop Attended – ASMIUA (2026)

Attended workshop on neuromodulation in NLUTD patient in the InasFFU masterclass.

Symposium Attended – Jogja Urology Forum (2026)

Learnt about current update in urology for urologist and for general practioner. Poster presentation.

Symposium Attended – UroNephro Siloam Summit (2026)

Learnt about current update in urology for urologist and for general practioner and how it is implemented in Siloam Group Hospital.

Symposium Attended – Fiesta Urology Surabaya (2026)

Learnt about current update in urology for urologist and for general practioner. Oral Presentation.

Symposium Attended – Jakarta Urology Medical Update : JUMP (2026)

Learnt about current update in urology for urologist and for general practioner.

Workshop Attended – Jakarta Urology Medical Update : JUMP (2026)

Attended workshop in using USG in Video urodynamics. Also part of the committee.

Workshop Attended – 12th HOPE FKUI (2026)

Learnt about fluid management in emergency pediatric setting, pediatric defibrillation, and intraosseous access in pediatric setting.

Symposium Attended – 12th HOPE FKUI (2026)

Learnt about the management of emergency pediatric setting such as fluid management, asthma, anaphylaxis, congenital heart disease, seizure, abdominal distress, and gastrointestinal emergencies.

Symposium Presented – The Third Urosphere Scientific (2025)

Presented a research titled "Indonesia's Universal Health Coverage Bladder Cancer Pipeline: A Socio-Epidemiological Study with Geographical Characteristics".

Symposium Attended – UroNephro Siloam Summit (2025)

Learnt about the state of indonesia's transplantation system, transplantation in government and private healthcare network, advancement of urological treatment in Indonesia.

Workshop Attended – Fiesta Urobaya (2025)

Learnt about urological ultrasound and its application in urological setting and suprapubic puncture.

Symposium Attended – Fiesta Urobaya (2025)

Learnt about innovation in urological setting such as the use of robotic technology, met with national and international speakers.

Symposium Presented – Scientific Yearly Meeting PERKENI Joglosemarkerto (2025)

Presented a poster titled "Exploring the Health Landscape: Diabetes Amongst Prospective 2024 Hajj Pilgrims in Surabaya – A Clinical Study"

Symposium Attended - Surabaya Weekend Course on Gastrohepatology (2022)

Learnt new things about gastrohepatology especially hepatitis and food poisoning.

Webinars Attended - The Potential Research Collaboration in the Era of COVID-19 : Redefining the Global Research Cooperation in Higher Education Institutions (2020)

Learnt about how to increase research productivity in pandemic setting by collaborating globally.

Soft Skills - LKMM TL (2022): Participants in the highest level of leadership training in Indonesia, organized by Universitas Airlangga and Ministry of Education.

Soft Skills - LKMM TM (2021): The third level of student leadership training. Organized by Universitas Airlangga.

Soft Skills - LKMM TD: The second level of student leadership training. Organized by Faculty of Medicine Universitas Airlangga.

Soft Skills - LKMM Pra-TD (2020): The first level of student leadership training. Organized by Faculty of Medicine Universitas Airlangga.

SPEAKER

- **Anjangsana** **2026**
  Airlangga University Faculty of Medicine Student Executive Board Orientation
- **Critical Thinking** **2025**
  Airlangga University Faculty of Medicine Student Executive Board
- **Professionalism : Dimension, Limitation, and Implementation** **2025**
  Airlangga University Faculty of Medicine Student Executive Board
- **Pre-Basic Leadership Training BEM KM FK UNAIR** **2025**
  Airlangga University Faculty of Medicine Student Executive Board
- **Idea Formulation and Environment Analysis** **2024**
  Airlangga University Faculty of Medicine Student Executive Board
- **Problem Classification and Problem Solving** **2024**
  Airlangga University Faculty of Medicine Student Executive Board
- **Self Reflection and Self Development** **2024**
  Airlangga University Faculty of Medicine Student Executive Board
- **2nd Period Basic Leadership Training BEM KM FK UNAIR** **2024**
  Airlangga University Faculty of Medicine Student Executive Board
- **Pre-Basic Leadership Training BEM KM FK UNAIR** **2024**
  Airlangga University Faculty of Medicine Student Executive Board
- **Intermediate Leadership Training BEM KM FK UNAIR** **2024**
  Airlangga University Faculty of Medicine Student Executive Board
- **1st Periode Basic Leadership Training BEM KM FK UNAIR** **2024**
  Airlangga University Faculty of Medicine Student Executive Board
- **Motivation, Decision Making, and Conflict Management** **2023**
  Airlangga University Faculty of Medicine Student Executive Board

- **Everyday Leadership Implementation** **2023**
  Islamic Student Association
- **Basic Leadership Training BEM KM FK UNAIR** **2023**
  Airlangga University Faculty of Medicine Student Executive Board
- **Islamic Leadership Implementation HMI Komisariat FK UNAIR** **2023**
  2nd Period MAPERCA Islamic Student Association of Faculty of Medicine
- **Student Organization Relevancy** **2023**
  Bincang Santai Politik (BISTIK) Airlangga University Political Science Program
- **Character Improvement Through Organization** **2023**
  Basic Leadership Training FK Universitas Muhammadiyah Surabaya
- **Islamic Leadership Implementation HMI Komisariat FK UNAIR** **2023**
  1st Period MAPERCA Islamic Student Association of Faculty of Medicine

COMMUNITY PROJECT

- **Work Safety Education** **2025**
  Educating Tempe maker near Wiyung, Surabaya in the importance of work safety.
- **Forensic Implementation in Puskesmas Kedungrejo, Banyuwangi** **2025**
  Formulating naval forensic service in a rural health center in Banyuwangi.
- **Hypertension Management Education** **2025**
  Educating populace near Wiyung in Hypertension Management.
- **Mass Circumcision in Institut Teknologi Sepuluh Nopember Surabaya** **2025**
  Served as circumcision operator in the program. Circumscised 2 patients.
- **Mass Circumcision in Mosque Social Program Medokan Semampir Surabaya** **2025**
  Served as circumcision operator in the program. Circumscised 2 patients.
- **Mass Circumcision in Al-Amin Islamic Education Center Madura** **2024**
  Served as circumcision operator in the program. Circumscised 2 patients.
- **Mass Circumcision in Lamongan** **2024**
  Served as circumcision assistant in the program. Circumscised 2 patients.
- **Mass Circumcision in Club House Bukit Darmo Golf Surabaya** **2024**
  Served as circumcision assistant in the program. Circumscised 5 patients.
- **Mass Circumsision in SMAN 5 Surabaya** **2023**
  Served as circumcision assistant in the program. Circumscised 3 patients.

TECHNICAL SKILLS

- **Data and Statistic:**
  - Microsoft Excel
  - Tableau (Data Visualization)
  - SPSS (Statistical Tool)
- **Language**
  - Indonesian : Native Level
  - Javanese : Native Level
  - English : Professional Proficiency