

Ivy Cerelia Valerie

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ABOUT ME

Interests	Data analytics, Multidisciplinary research, Medical writer, Language acquisition
Technical Skills	SPSS, Python, Excel, BigQuery
Languages	Indonesian (native), English (IELTS 8.0), Japanese (JLPT N5 180/180)

EXPERIENCE

Statistician <i>International Severe Acute Respiratory and Emerging Infection Consortium (ISARIC)</i> • Collaboration as data analyst and data contributor from Indonesia under ISARIC working group supervision.	May 2021 – Present <i>Global Initiative</i>
Research Assistant <i>Sanglah General Hospital/Universitas Udayana</i> • Responsible to meet growing demand for research and academic endeavors of the intensive care department.	Nov 2020 – Present <i>Denpasar, Bali</i>
External Reviewer <i>Bali Medical Journal</i> • Undertake peer-review and quality control in journal management as the journal progresses to qualify for scopus title evaluation.	Jun 2020 – Present <i>Denpasar, Bali</i>
Clinical Intern <i>Negara General Hospital and Pekutatan I Public Health Center</i> • Participated in special internship batch in response to early COVID-19 pandemic wave as assigned by the ministry of health.	Mar 2021 – Nov 2021 <i>Jembrana, Bali</i>

COURSES

Google Data Analytics (2022)	Google
CS50's Introduction to Computer Science (2022)	Harvard University
Kaggle python course (2022)	Kaggle
The 3rd Evidence-based Research Training School Phase I and II (2021)	European COST Action
Certified Publons Academy Peer Reviewer (2021)	Web of Science

EDUCATION

Universitas Udayana <i>Medical Doctor</i> • GPA: 3.92/4.00	2018 – 2020 <i>Denpasar, Bali</i>
Universitas Udayana <i>Bachelor of Medicine, Bachelor of Surgery</i> • GPA: 3.93/4.00 • Best Graduate • Final project : Prevalence and risk factor for soil-transmitted helminths (STH) infection in elementary school students of SD Negeri 1 Sulangai, Sulangai village, Petang district, Badung regency	2014 – 2018 <i>Denpasar, Bali</i>

ACHIEVEMENTS

Grant holder of research and development (LITBANG) research grant for undergraduate scheme (2017)
Oral presenter of 6th International Conference on Bioscience and Biotechnology (2015)
Grant holder of student creativity program (PKM) research grant in the research branch (2014)
High Distinction Australian Mathematics Competition Year Eleven Senior Division (2013)
Silver Prize International Mathematics Contest (2008, 2009, 2012)
Silver Award Asia-Pacific Mathematical Olympiad for Primary Schools (2008)
Silver Medal National Science Olympiad, Mathematics (2007)

PROJECTS

Analysis on disparate impact of pediatrics COVID-19 in lower-middle income countries | *ISARIC*

- This ongoing research highlights the discrepancy between developed and developing country with respect to COVID-19 pandemic situation.

Political affiliation and COVID-19 vaccination rate | *Multidisciplinary collaboration*

- A political take on the gaps in national public health measure.

Review of the role of ferritin in pediatric critical illness | *Intensive care department*

- Systematic scoping review on a highly familiar yet less standardized interpretation of critical illness biomarker.

Intensive care unit protocol handbook | *Intensive care department*

- Practical handbook designated for improving consensus development.

PUBLICATIONS

Journals

- Suparyatha IB, Wati DK, Hartawan INB, Gunawan VL, Kelana ADDM, Valerie IC. Unusual extrapulmonary manifestations of covert COVID-19: a case series at a tertiary care hospital in Bali, Indonesia. *Journal of Pediatric and Neonatal Individualized Medicine*. 2021;10(1):e100147. <https://doi.org/10.7363/100147>
- Valerie IC, Sudarmaja IM, Swastika IK. Prevalence and risk factor for soil-transmitted helminths (STH) infection in elementary school students of SD Negeri 1 Sulangai, Sulangai village, Petang district, Badung regency. *E-Jurnal Medika Udayana*, [S.l.]. 2019;8(10) <https://ojs.unud.ac.id/index.php/eum/article/view/54285>

Conference

- Wirawan GBS, Pradnyani IGAI, Prabandari AASM, Valerie IC, Purwanta MLA. Antibacterial activity of methanol extract of rambutan (*Nephelium lappaceum*) seed against *Streptococcus pyogenes*. Presented at: 6th International Conference on Bioscience and Biotechnology; 2015; Denpasar, DPS.