

# CURRICULUM VITAE



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### Institutional Address

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<b>Designation</b>	Clinical Toxicology Consultant (NPMCC, PGH) Emergency Medicine and Head, Section of Toxicology (Ospital ng Makati) Associate Active 1, Clinical Toxicology Consultant (MMC)
<b>Nationality</b>	Filipino
<b>Education/Training</b>	<i>Undergraduate (2004-2008):</i> BS Biology Major in Plant Biology - University of the Philippines Los Baños, <i>Magna cum Laude</i> <i>Doctor of Medicine (2008-2013):</i> University of the Philippines Manila – Philippine General Hospital <i>Specialty Training (2014-2018):</i> <b>Emergency Medicine</b> , Ospital ng Makati; Board Certified, Philippine Board of Emergency Medicine (April 2018) <i>Fellowship (Subspecialty) Training (2018-2020):</i> <b>Clinical and Occupational Toxicology</b> , National Poison Management and Control Center, Philippine General Hospital; Board Certified, Philippine Society of Clinical and Occupational Toxicology (2020) <i>Masters in Management, Major in Hospital Administration, (2022-2024),</i> Philippine Christian University
<b>Professional/Institutional Affiliations</b>	Toxicology Consultant, Department of Emergency Medicine, Medical Center Manila Emergency Medicine Consultant, WorldCiti Medical Center
<b>Research of Interest</b>	Emergency Medicine, Medical Toxicology, Analytical Toxicology, Clinical Toxicology, Emergency Medical Services/Prehospital Care, Disaster Medicine, CBRNe, Risk Assessment
<b>Other Affiliations</b>	<ul style="list-style-type: none"> <li>• <b>Board Member (2025-2028)</b>, <i>Asia Pacific Association for Medical Toxicology (APAMT)</i></li> <li>• <b>Asia-Pacific Committee Board Member</b>, <i>International Society for Toxicology (IST)</i></li> <li>• <b>Secretary (2024-2025)</b> and <b>Diplomate</b>, <i>Philippine Society of Clinical and Occupational Toxicology (PSCOT)</i></li> <li>• Board of Directors (2021-2023), <b>Head of Section of Special Interest Group and Data Protection Officer</b> (2021-present), <i>Philippine College of Emergency Medicine (PCEM)</i></li> <li>• <b>Founding Member and Treasurer</b> (2021-present), <i>Philippine Toxicology Society Inc. (PhiToNS)</i></li> <li>• <b>Council Member</b>, <i>Remote Envenomation Consultancy Services (RECS) ASEAN – Malaysian Society of Toxicology (MST)</i></li> <li>• Member, <i>Asian Association for Emergency Medical Services (AAEMS)</i></li> <li>• Member, Health Emergencies and Disaster (HEAD) Study Group, <i>National Institutes of Health, University of the Philippines Manila</i></li> <li>• Technical Working Group for the Philippine Snake Bite Initiative (PSBI), <i>Research Institute for Tropical Medicine</i></li> <li>• Technical Working Group for the Creation of Disaster Risk Reduction and Management Academy, <i>City Government of Makati for Ospital ng Makati to Makati Disaster Risk Reduction and Management Office</i></li> <li>• Technical Working Group for the Early Warning Systems (EWS) of Novel Psychoactive Substances (NPS), <i>Dangerous Drugs Board</i></li> <li>• Technical Working Group for the Creation of Manual on Human-Wildlife Conflict Management Guidelines, <i>Wildlife Resources Division, Biodiversity Management Bureau, Department of Environment and Natural Resources</i></li> </ul>
<b>Research/Publications</b>	<ul style="list-style-type: none"> <li>• <i>Aoki Y, Paghubasan J, Tiglao PJ, Sarmiento MJ, Arrieta R, Tan MA, Sarsalijo MS, Aquino GJB, Beronilla-Uraga MG, Comandante JDL, Santamaria EB, Malijan GMB, Suzuki S, Takabashi K, Yamano S, Smith C, Hayakawa K, Tasaki O, Agosto LC, Warrell DA, Ariyoshi K.</i> Characteristics of snakebite patients due to <i>Naja samarensis</i> in the Philippines: a prospective hospital-based study, <i>Transactions of The Royal Society of Tropical Medicine and Hygiene</i>, 2025. <a href="https://doi.org/10.1093/trstmh/trae110">https://doi.org/10.1093/trstmh/trae110</a></li> <li>• <b>Comandante JDL, Faustino JA, Claudio KC.</b> Successful Treatment of Poisoning by Multiple Drug Ingestion (Phenobarbital, Divalproex Sodium, Clonazepam and Escitalopram) using Resin Hemoperfusion - A Case Report. Poster Presentation at: 22<sup>nd</sup> Scientific Congress of Asia-Pacific Association of Medical Toxicology (Penang, Malaysia 2024): Transforming Toxicology Landscape for Safer and Sustainable Tomorrow. Abstract. 2024.</li> <li>• <b>Comandante JDL, Bacong HS.</b> Recurrent Acute Intravascular Hemolysis after Treatment with Methylene Blue for Severe Naphthalene-Induced Methemoglobinemia – A Case Series. Poster Presentation at: 22<sup>nd</sup> Scientific Congress of Asia-Pacific Association of Medical Toxicology (Penang, Malaysia 2024): Transforming Toxicology Landscape for Safer and Sustainable Tomorrow. Abstract. 2024.</li> <li>• <i>Gregorio MC, Mancol JEG, Comandante JDL.</i> Suicide by Charcoal Burning - A Case Report on Intentional Carbon Monoxide Poisoning. Poster Presentation at: 22<sup>nd</sup> Scientific Congress of Asia-Pacific Association of Medical Toxicology (Penang, Malaysia 2024): Transforming Toxicology Landscape for Safer and Sustainable Tomorrow. Abstract. 2024.</li> <li>• <i>Gregorio MC, Agaid EJ, Borbe JM, Comandante JDL, Penecilla GLM.</i> Mass Poisoning with Silver-cheeked Toadfish <i>Lagocephalus sceleratus</i> (Gmelin, 1789) containing Saxitoxin and Tetrodotoxin – A Case Series. Oral Presentation at: 22<sup>nd</sup> Scientific Congress of Asia-Pacific Association of Medical Toxicology (Penang, Malaysia 2024): Transforming Toxicology Landscape for Safer and Sustainable Tomorrow. Abstract. 2024.</li> <li>• <i>Torralba JV, Comandante JDL, Alvarado JB, Abad CMAZ.</i> Analysis of Substances of Abuse in Urine, Serum and Hair using Liquid Chromatography- Quadrupole –Time of Flight Mass Spectrometry (LC-QTOF/MS) – DOST-PCHRD Funded, Ongoing Study</li> </ul>

- **Comandante JDL**. Centipede Envenomation in an Urban Tertiary Hospital: 5 Year-Retrospective Review. *Toxicon*. Sept. 2024, <https://doi.org/10.1016/j.toxicon.2024.108007>.
- *Vinluan-Calica S, Comandante, JDL, Melchor LS, Reyes A*. Review and Analysis of EMS Runs of Makati Disaster Risk Reduction and Management Office Search and Rescue Section EMS Unit (Makati DRRMO-SAR-EMS): A 5-year Retrospective Study. Poster Presentation at: 23<sup>rd</sup> International Conference on Emergency Medicine: Globalization of Emergency Medicine, Global Wisdom, Local Solutions. Abstract. 2024
- *Talavera M, Comandante, JDL*. Massive Diphenhydramine Ingestion presenting Supraventricular Tachycardia and Anticholinergic Crisis – A Case Report. Poster Presentation at: 21<sup>st</sup> Scientific Congress of Asia-Pacific Association of Medical Toxicology (Kerala, India 2023): Critical Care Toxicology in Resource Poor Region. Abstract. 2023
- *Paghubasan J, Aoki Y, Tiglao PJG, Sarmiento MJ, Tan MA, Sarsalijo MS, Aquino GJB, Comandante JDL, Santamaria EB, Takahashi K, Smith C, Ariyoshi K, Agosto LC, Warrell DA*. A case series of samar cobra, *Naja samarensis* Peters, 1861 (Elapidae) envenomation. *Toxicon*. 2023 Feb;223:107008. doi: 10.1016/j.toxicon.2022.107008.
- *Rafael JAM, Comandante JDL*. Risk Characterization of Paracetamol – induced Hepatotoxicity and Responses to Treatment Poisoning among Admitted Patients in PGH: A Seven – Year Retrospective Review. Fellowship Training Research. National Poison Management and Control Center. Philippine General Hospital. 2022.
- *Patikorn C, Ismail AK, Abidin SAZ, Blanco FB, Blessmann J, Choumlivong K, Comandante JD, Doan UV, Mohamed Ismail Z, Khine YY, Maharani T, Nwe MT, Qamruddin RM, Safferi RS, Santamaria E, Tiglao PJG, Trakulsrichai S, Vasaruchapong T, Chaiyakunapruk N, Taychakhoonavudh S, Othman I*. Situation of snakebite, antivenom market and access to antivenoms in ASEAN countries. *BMJ Glob Health*. 2022 Mar;7(3):e007639. doi: 10.1136/bmjgh-2021-007639.
- *Wuthisuthimethavee P, Santamaria EB, Comandante, JDL, Faccincani, R.*, Chapter 7: Governmental and Non-Governmental Organizations; *Goniewicz K, Comandante JDL and Khorram-Manesh A.*, Chapter 21: CBRNE (Chemical, Biological, Radiological, Nuclear, Explosive): in: *Khorram-Manesh A, Goniewicz K, Hertelendy A, Dulebenets MA. Handbook of Disaster and Emergency Management 2<sup>nd</sup> ed.* Gothenburg, Sweden. 2021.
- *Khorram-Manesh A, Phattharapornjaroen P, Mortelmans LJ, Goniewicz K, Verbeul M, Sørensen JL, Pereira I, Ricklin ME, Faccincani R, Dark PM, Carlström E, Ahmadi Marzaleh M, Peyravi MR, Al Sultan M, Santamaria E, Comandante JDL, Burke F*. Current Perspectives and Concerns Facing Hospital Evacuation: The Results of a Pilot Study and Literature Review. *Disaster Medicine and Public Health*. 2021. DOI: 10.1017/dmp.2020.391
- *Khorram-Manesh A, Burke FM, Phattharapornjaroen P, Ahmadi Marzaleh M, Sultan MA, Mäntysaari M, Carlström E, Goniewicz K, Santamaria E, Comandante JDL, Dobson R, Hreckowski B, Torgersen GE, Mortelmans LJ, de Jong M, Robinson Y*. The Development of Swedish Military Healthcare System: Part II – Re-evaluating the military and civilian healthcare systems in crises through a dialogue and study among practitioners. *Military Medicine*. 2020. 0(1): 1-8.
- **Comandante, JDL, Panganiban LC**. Clinical Profile and Treatment Outcomes of Amlodipine Poisoning in Philippine General Hospital: A Ten-Year Retrospective Review from 2009-2019. Fellowship Training. National Poison Management and Control Center. Philippine General Hospital. 2020
- **Comandante, JDL**. Death following Fish Anesthetic Quinaldine Sulfate Ingestion. Poster Presentation at: 18<sup>th</sup> Scientific Congress of Asia-Pacific Association of Medical Toxicology (Putrajaya, Malaysia, 2019): Facing Challenges in Toxicology, Fusing Technology and People. Abstract. 2019.
- *Biag JKL, Sablay ARN, Comandante, JDL*. Accidental Ingestion of Plant Growth Regulator Ethephon. Poster Presentation at: 18<sup>th</sup> Scientific Congress of Asia-Pacific Association of Medical Toxicology (Putrajaya, Malaysia, 2019): Facing Challenges in Toxicology, Fusing Technology and People. Abstract. 2019
- *Ghimire KC, De Jesus-Escayos DMM, Comandante, JDL*. Unconventional Therapeutic Options for Treatment of Cyanide Poisoning. Mini-Oral Presentation at: 18<sup>th</sup> Scientific Congress of Asia-Pacific Association of Medical Toxicology (Putrajaya, Malaysia, 2019): Facing Challenges in Toxicology, Fusing Technology and People. Abstract. 2019
- **Comandante, JDL, Nuenay, JN, Makalinao IR**. The Use of Pharmacokinetic Model in Risk Stratification and Treatment of Paracetamol Poisoning at Philippine General Hospital. *Pharmacology 201-202 Research*. Department of Pharmacology and Toxicology. College of Medicine, University of the Philippines Manila. 2019.
- *Tiglao PJ, Comandante JDL, Santamaria EB, Sarmiento MJ*. Remote Envenomation Consultancy Services (RECS Philippines). In: *Litschka-Koen T, Pons J, Kadam P, Majumdar DB, Menon JC, Raut S, Sirur F, Santra V, Williams DJ, Harrison RA*. (2019). RSTMH Special Report on Snakebite Case reports of tropical snakebite victims illustrate the vital humanitarian role and challenges of community action groups.
- **Comandante, JDL**. Measuring Emergency Department Overcrowding in Ospital ng Makati using the National Emergency Department Overcrowding Study (NEDOCS) Tool. Specialty Training. Department of Emergency, Prehospital and Disaster Medicine. Ospital ng Makati. 2017.
- **Comandante, JDL**. Use of Magnesium Sulfate for Acute Exacerbations of Asthma as Standard of Treatment in the Emergency Department. Specialty Training. Department of Emergency, Prehospital, and Disaster Medicine. Ospital ng Makati. 2016.
- **Comandante JDL, Ner JPE, Panganiban LC**. Adrenal Insufficiency and Overwhelming Sepsis from Chronic Intake of Adulterated Indonesian Herbal Coffee. Poster Presentation at: 15th International Scientific Conference of Asia Pacific Association of Medical Toxicology 2016. Abstract. 2016.
- **Comandante JDL, Mesa-Gaerlan FJ**. Emergency Medical Services in the Philippine General Hospital. *EM 292 Research*. UP College of Medicine. 2012.
- *Lappay JI, Comandante JDL, Opiña-Tan L*. Knowledge, Attitude and Practices of Households in Talahiban 1.0 San Juan, Batangas in Maintaining Health Benefits and Continuing Activities of the Dengue Prevention and Vector Control Program. *FCH 251.2. Community Research*. UP College of Medicine. 2012.
- **Comandante JDL, Estole-Casanova LA, Cortes-Maramba NP, et al**. Trigger Tool-assisted Determination and Analysis of Incidence of Adverse Drug Reactions in the Pediatric Wards of the Philippine General Hospital. *Therapeutics 201 Research*. 2010.
- **Comandante JDL, Heralde FM III, et al**. Novel Multiplex PCR with sequential RFLP (MuPSqR) Assay for Detection and Serovar Genotyping of Local *Leptospira* sp. Isolates: Testing for LipL32, 16S and 23S Ribosomal Genes for Suitability. *IDC 211.1 Research*. UP College of Medicine. 2009.
- **Comandante JDL, Cardenas LB**. Morpho-anatomical, Phytochemical and Cytotoxicity Studies on Selected Local Varieties of Lagundi, *Vitex negundo* L. (Lamiaceae). Undergraduate Thesis. UP Los Baños. 2008.

**Toxicology-related Activities**

- **International Short-Term Consultant for Clinical Toxicology in Mongolia**, Health and Environment (HAE) Unit, Division of Health Environments and Population (DHP), World Health Organization Western Pacific Region Office, August 14 -September 22, 2023

	<ul style="list-style-type: none"> <li>• <b>Consultant, Center for Food Regulation and Research</b>, Food and Drug Administration (September 2024-Present)</li> <li>• Participated in UP-NPMCC Health Risk Assessment of Mercury Exposure among Small Scale Miners <ul style="list-style-type: none"> <li>○ Jose Panganiban, Camarines Norte, August 2017</li> <li>○ Tabuk, Kalinga, November 2017</li> </ul> </li> </ul>
<b>Relevant Trainings</b>	<ul style="list-style-type: none"> <li>• Updated in Good Clinical Practice (Exp: May 31, 2026, <i>National Institute on Drug Abuse, NIH</i>)</li> <li>• Incident Command System (BASIC – All-Hazards IMT) and Training for Instructors (Cadre)</li> <li>• Basic HAZMAT Life Support, <i>Toxicology Society of Singapore - Asia Pacific Association of Medical Toxicology</i></li> <li>• Mass Casualty Management Training, <i>Health Emergency Management Bureau, Department of Health</i></li> <li>• Short Course on Strategic Disaster Risk Management and Leadership, <i>School of Development Management, Asian Institute of Management</i></li> <li>• Countering Low Effort Biothreats from Toxins Virtual Workshop, <i>Health Security Partners</i></li> <li>• UNOCT/UNOCC Virtual Training on CBRN Countermeasures <i>United Nations Office of Counter-Terrorism (UNOCT)</i></li> <li>• UPOU Certificate Course for Data Protection Officers, <i>University of the Philippines Open University - Faculty of Management and Development Studies and Digital Freedom Network</i></li> <li>• International Training Course on Practical Applications of the Risk Assessment Paradigm to Solve Real World Problems: Food Safety, RISK21, and Chemical Incident Management, <i>Chulabhorn Research Institute, Bangkok, Thailand</i></li> </ul>