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EDUCATION

2021 - present	University of Rochester	Postdoctoral Training Advisor: Mary G. Carey	Cardiovascular Nursing
2017 - 2021	University of California, San Francisco, UCSF	PhD Advisor: Michele M. Pelter	Nursing Science
2014 - 2016	University of California, San Francisco, UCSF	MS	Adult-Gerontology Clinical Nurse Specialist: Critical Care/Trauma
2006 - 2011	Universitas Hasanuddin, Indonesia	BSN	Nursing

PROFESSIONAL EXPERIENCE

2021 - present	University of Rochester School of Nursing, Rochester, NY	Post-Doctoral Associate	Cardiovascular Nursing
2017	Alta Bates Summit Medical Center, Berkeley, CA	Staff Nurse, Per Diem	Intermediate Care Unit
2016 - 2017	University of California, San Francisco	Assistant Clinical Research Coordinator	Dept. of Physiological Nursing
2016	University of California, San Francisco	Graduate Student Researcher	Dept. of Physiological Nursing
2012 - 2014	Hasanuddin University Hospital, Indonesia	Staff Nurse/Charge Nurse	Intensive Care Unit
2011 - 2012	Hasanuddin University Hospital, Indonesia	Staff Nurse	Rotating
2011	Faisal Islamic Hospital, Indonesia	Volunteer Nurse	Intensive Care Unit

HONORS & AWARDS

2022	Distinguished Service Early in Career Award	Rochester Academy of Medicine
2022	Council of Cardiovascular and Stroke Nursing Early Career Travel Grant Award	American Heart Association (AHA)
2022	Distinguished Dissertation Award in Nursing	UCSF School of Nursing
2022	Finalist, 2022 ISCE Annual Conference Jos Willems Early Career Investigators	International Society for Computerized Electrocardiology
2020	40 Under 40: Rising Nurse Leaders	UCSF School of Nursing
2019-2020	Lloyd M. Kozloff Fellowship Award	UCSF Graduate Division
2019	UCSF Open Access Publishing Fund	UCSF Library

2019	Travel Award: Council for the Advancement of Nursing Science (CANS) Conference	UCSF School of Nursing
2019	Graduate Division Travel Award: 2019 National Teaching Institute (NTI), American Association of Critical-Care Nurses	UCSF Graduate Division
2019	Associated Students of the Graduate Division Conference Travel Award: American Heart Association (AHA) Scientific Meeting	UCSF Associated Students of the Graduate Division
2018-2021	ECG Monitoring Research Pre-Doctoral Fellowship	UCSF School of Nursing
2018-2019	T.T. and W.F. Chao Endowed Scholar	UCSF School of Nursing
2017-2018	David W. Mortara Pre-Doctoral Fellowship Award	UCSF School of Nursing
2017- 2018	Graduate Dean's Health Sciences Fellowship	UCSF School of Nursing
2015	Inductee of the Sigma Theta Tau International, Honor Society of Nursing	Alpha Eta Chapter, UCSF
2014-2016	Indonesia Educational Scholarship	Lembaga Pengelola Dana Pendidikan (LPDP), Jakarta, Indonesia
2014	Barbara Reid Scholarship	UCSF School of Nursing
2014	The John A. Hartford Center of Gerontological Nursing Excellence	UCSF School of Nursing
2007-2011	Yayasan Beasiswa Oeikumene (Ecumenical Scholarship Foundation)	Ecumenical Scholarship Foundation, Jakarta, Indonesia

RESEARCH ACTIVITIES

The short-term goal of my program of research is to leverage the diagnostic, prognostic, and therapeutic values of electrocardiographic (ECG) through statistical learning modeling. My long-term goal is to advance the clinical application of the diagnostic, prognostic, and therapeutic values of ECG by integrating predictive models of ECG markers with clinical data from the electronic health record (EHR) to improve patient care and patient outcomes.

IN-PROGRESS

1. **ECG Puzzler Column: Suba S**, Al-Zaiti SS, Pelter MM. Wide-QRS Complexes Following Ablation for Reentrant Tachycardia. *Am J Crit. Care*. **Submitted**.
2. **Manuscript: Suba S**, Carey MG, Pelter MM. (2022). Optimizing timing to invasive coronary angiography: A comparison of time of symptom onset and guideline based recommendations in patients with non-ST-segment elevation acute coronary syndrome. *Euro J Cardiovasc Nurs*. **Under review**.
3. **Manuscript: Suba S**, Hoffmann TJ, Fleischmann KE, Schell-Chaple H, Prasad P, Marcus GM, Badilini F, Hu X, Pelter MM. (2022). Premature ventricular complex count as a predictor of ventricular tachycardia events in an intensive care unit cohort. *Res in Nurs and Health*. **Submitted**.

PEER-REVIEWED PUBLICATIONS

1. Bawua LK, Miaskowski C, **Suba S**, Badilini F, Rodway GW, Hu X, Pelter MM. (2022). Thoracic impedance pneumography–derived respiratory alarms and associated patient characteristics. *Am J Crit. Care*, 31(5), 355-365. PMID: 36045046 DOI: 10.4037/ajcc2022295
2. **Suba S**, Hoffmann TJ, Fleischmann KE, Schell-Chaple H, Prasad P, Marcus GM, Badilini F, Hu X, Pelter MM. (2022). Premature ventricular complexes during continuous electrocardiographic monitoring in the intensive care unit: Occurrence rates and associated patient characteristics. *Journal of Clinical Nursing*. DOI: 10.1111/jocn.16408
3. Borczynski E, **Suba S**, Mackin LA, Mortara DW, Badilini F, Rodway GW, Pelter MM. (2022). Ischemic preconditioning is present in patients with non-ST elevation myocardial infarction and ECG-derived

moderate obstructive sleep apnea. *Journal of Cardiovascular Nursing*. DOI: 10.1097/JCN.0000000000000926

4. Bawua LK, Miaskowski C, **Suba S**, Badilini F, Mortara D, Hu X, Rodway GW, Hoffmann TJ, Pelter MM. (2021). Agreement between respiratory rate measurement using a combined electrocardiographic derived method versus impedance from pneumography. *Journal of Electrocardiology*. DOI: 10.1016/j.jelectrocard.2021.12.006.
5. **Suba S**, Fleischmann KE, Schell-Chaple H, Prasad P, Marcus GM, Hu X, Pelter MM. (2021). Diagnostic and prognostic significance of premature ventricular complexes in community and hospital-based participants: A scoping review. *PLOS ONE*, 16 (12), e0261712. PMID: 34941955 PMCID: PMC8699640 DOI: 10.1371/journal.pone.0261712.
6. Watanakeeree K, **Suba S**, Mackin LA, Badilini F, & Pelter MM. (2021). ECG alarms during left ventricular assist device (LVAD) therapy in the ICU. *Heart & Lung*, 50(6), 763-769.
7. Pelter MM, **Suba S**, Sandoval CP, Zègre-Hemsey JK, Berger S, Larsen A, ... Hu X. (2020). Actionable ventricular tachycardia during in-hospital ECG monitoring and its impact on alarm fatigue. *Critical Pathways in Cardiology*. Volume Publish Ahead of Print. DOI: 10.1097/HPC.0000000000000216.
8. Nguyen SC, **Suba S**, Hu X, & Pelter MM. (2020). Double trouble: Patients with both true and false ECG arrhythmia alarms and the impact on alarm fatigue. *Critical Care Nurse*. 40(2), 14-23.
9. **Suba S**, Pelter MM. (2019). Clinical significance of premature ventricular contraction among adult patients: Protocol for a scoping review. *Systematic Reviews*. 8(1), 1-6.
10. **Suba S**, Sandoval CP, Zègre-Hemsey J, Hu X, Pelter MM. (2019). Contribution of electrocardiographic accelerated ventricular rhythm alarms to alarm fatigue. *Am J Crit. Care*. 28(3), 222-229
11. **Suba S**, Sandoval CP, Hu X, & Pelter MM. (2019). ECG monitoring during end of life care: Implications on alarm fatigue. *Multimodal Technologies and Interaction*. 3(1), 18.
12. **Suba S**, Donesky D, Scruth EA, Carrieri-Kohlman V. (2017). Association between clinical nurse specialist's presence and open visitation in US intensive care units. *Clin Nurse Spec*. 31(1), 30-35.
13. **Suba S**, Scruth EA. (2015). A new era of nursing in Indonesia and a vision for developing the role of the clinical nurse specialist. *Clin Nurse Spec*. 29(5), 255-257.

OTHER SCHOLARLY WORK

1. **Suba S**, Woo N, Dzikowicz DJ, Kozik T M, Pelter MM. (2022). Value of a 12-lead electrocardiogram for assessing P waves. *Am J Crit. Care*, 31(5), 431-432, PMID: 36045039 DOI: 10.4037/ajcc2022352.
2. Dzikowicz DJ, **Suba S**, Al-Zaiti SS, Carey MG. (2022). Interpretation of telemetry among patients with a left ventricular assist device. *Am J Crit Care*, 31(4), 343-344. PMID: 35773195 DOI: 10.4037/ajcc2022327.
3. **Suba S**, Dzikowicz DJ, Kozik T M, Pelter MM. (2022). Narrow vs wide QRS complex tachycardia in a patient with Wolf-Parkinson-White syndrome. *Am J Crit Care*, 31(3), 255-256. PMID: 35466345 DOI: 10.4037/ajcc2022819
4. Dzikowicz DJ, **Suba S**, Al-Zaiti SS, Carey MG. (2022). A rhythmic electrocardiographic pattern in an older adult with chest pain. *Am J Crit Care*, 31(2):167-168. PMID: 35229144 DOI: 10.4037/ajcc2022268.
5. **Suba S**, Dzikowicz DJ, Kozik T M, Pelter MM. (2022). Measuring the QT/QTc interval in the presence of wide QRS complexes. *Am J Crit Care*, 31(1), 83-84. PMID: 34972846 DOI: 10.4037/ajcc2022748.

INVITED PRESENTATIONS

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|------|---|---------------------|
| 2022 | Up-coming: AHA Scientific Meeting, Chicago, IL.: <i>Evaluation of time from pre-hospital symptom onset to angiography on coronary artery occlusion status and outcomes in patients presenting with NSTEMI-ACS.</i> | Podium
Presenter |
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2022	46 th Annual Conference, International Society for Computerized Electrocardiology (ISCE), Henderson, NV.: <i>Premature Ventricular Complexes Measured 24-Hours Prior To A Ventricular Tachycardia Event Are Not Associated with Its Occurrence in An Intensive Care Unit Cohort</i>	Podium Presenter
2019	National Association of Clinical Nurse Specialists (NACNS) Annual Conference, Orlando, FL.: <i>Nurse' Perception of clinical alarm: A systematic review and thematic analysis of qualitative studies.</i> Won Student Poster 1 st Place	Poster Presenter
2019	44 th Annual Conference, International Society for Computerized Electrocardiology (ISCE), Atlantic Beach, FL.: <i>Characteristic differences between actionable and non-actionable true ventricular tachycardia alarms.</i>	Poster Presenter
2019	National Teaching Institute & Critical Care Exposition, American Association of Critical-Care Nurses (AACN), Orlando, FL.: <i>Audible pause alarms during end-of-life care: Implications on alarm fatigue.</i>	Poster Presenter
2019	AHA Scientific Meeting, Philadelphia, PA.: <i>Rapid but short duration ventricular tachycardia predicts actionable events.</i>	Poster Presenter
2018	43 rd Annual Conference, International Society for Computerized Electrocardiology (ISCE), Park City, UT.: <i>Are true accelerated ventricular rhythm alarms clinically actionable or lead to untoward patient outcomes?</i>	Poster Presenter

RESEARCH GRANTS

AWARDED

2020	The Century Club Dissertation Scholarship, UCSF School of Nursing, \$1,000 <u>Project Title:</u> Occurrence Rates of Premature Ventricular Contractions (PVCs) and Analysis of PVC Types Associated with Lethal Arrhythmias among Adult ICU Patients
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SUBMITTED

2018	AACN Impact Research Grant, American Association of Critical-Care Nurses (AACN), \$50,000 <u>Project Title:</u> Are Premature Ventricular Contractions (PVCs) Clinically Relevant During ECG Monitoring in the ICU?
2022	University of Rochester Medical Center, Clinical and Translational Science Institute (CTSI) Trainee Pilot Award, \$25,000 <u>Project Title:</u> Analysis of Transient Myocardial Ischemia Detection Using 7-Lead ECG from Hospital Bedside Monitoring
2022	Sigma/Doris Bloch Research Award, \$5,000 <u>Project Title:</u> Clinical Utility of ST-Segment and T-Wave ECG Monitoring in Patients with Non-ST-Segment Elevation Acute Coronary Syndrome

PROFESSIONAL ACTIVITIES

2022 – present	Member, Rochester Academy of Medicine
2022 – present	Member, Sigma Theta Tau International, Epsilon Xi Chapter #132
2021 – present	Member, International Society for Computerized Electrocardiology
2019 – present	Member, American Heart Association
2016 – 2018	Member, National Association of Clinical Nurse Specialist
2016 – 2017	Member, American Thoracic Society
2015 – 2021	Member, Sigma Theta Tau International, Alpha Eta Chapter

2015 – present Member, American Association of Critical-Care Nurses
 2013 – 2017 Member, Indonesian Critical Care Nurses Association
 2011 – present Member, Indonesian National Nurses Association

PROFESSIONAL AND PUBLIC SERVICE

2022	Manuscript reviewer for journals: - Risk Management and Healthcare Policy - BMC Anesthesiology - Nursing: Research and Reviews	
2021	Manuscript reviewer for the Journal of Heart & Lung	
2020 - 2021	STTI Alpha Eta Chapter	Interim Secretary
2020	Podium and poster abstract reviewer for the 2020 National Association of Clinical Nurse Specialist (NACNS) Conference	
2019 - 2021	UCSF School of Nursing Research Committee	PhD Student Representative
2019 - 2020	STTI Alpha Eta Chapter	Secretary
2018 - 2019	STTI Alpha Eta Chapter	Co-Secretary
2017, 2018	Indonesia Mengglobal Mentorship Program	Interviewer
2016, 2019	UCSF Sports Medicine: PlaySafe Cardiac Physicals	ECG Technician Volunteer
2015 - 2016	Meals on Wheels San Francisco	Friendly Visitor Volunteer
2012 - 2014	Intensive Care Unit, Hasanuddin University Hospital, Makassar, Indonesia	Charge Nurse, In-unit Continuing Education Coordinator

TEACHING EXPERIENCE

UCSF School of Nursing, Teaching Assistant

Year	Course Name (Level: # Master's, ## Doctoral)	Class Size
2020	# N262A Advanced Scholarship in Research I (Winter)	150
2019	# N234C Evidence-Based Project Proposal Development (Fall, Role: Instructor)	45
2019	## B192 Introduction to Linear Model (Winter)	20
2018	## B187 Introduction to Statistical Theory & Practice (Fall)	15
2018	# N294D Essentials of Human Genomics for Nurses (Summer)	50
2017-2019	# N225 Cardiac Rhythm: Theory & Analysis, and N262B Utilization of Research in Evidence-Based Practice (both courses in Spring quarters)	45

MENTORING EXPERIENCE

Indonesia Mengglobal Mentorship Program for Graduate School Application

The Mentorship Program aims to aid fellow Indonesians seeking to apply for graduate programs at the world's best universities. Prospective applicants are selected annually, and selected applicant is matched with a mentor based on subject interest and the location of the potential school.

Year	Mentee	Program Acceptance	School	Role
2019	Ivan Meidika Kurnia	MPH	Columbia University	Mentor
2018	Nadhira Nuraini Afifa	MPH	Harvard University	Mentor
2017	Adila Saptari	MPH	Boston University	Mentor

OTHER PRESENTATIONS

2021	Webinar: Introduction to Level of Evidence in Evidence-Based Practice, Hasanuddin University Hospital, Makassar, Indonesia	Speaker
2020	International Online Workshop: "How to Write and Publish Scoping Review?", Hasanuddin University, Faculty of Nursing, Makassar, Indonesia	Speaker
2020	International Webinar: "Challenges, Barriers, and Strategies in Delivering Teaching and Learning at Nursing Schools during Covid-19 Pandemic", Hasanuddin University, Faculty of Nursing, Makassar, Indonesia	Speaker
2017	Seminar: How to Win Scholarship, and Preparation Tips for RN License in the US, Hasanuddin University, Faculty of Nursing, Makassar, Indonesia	Speaker
2017	One-Day Seminar and Workshop on ECG Interpretation for Healthcare Professionals, Palopo, South Sulawesi, Indonesia	Instructor
2017	Workshop and Seminar: ECG Interpretation for Nurses (Intermediate Level), Hasanuddin University, Faculty of Nursing, Makassar, Indonesia	Instructor
2017	In-house Training: Basic ECG Interpretation for Nurses, Hasanuddin University Hospital, Makassar, Indonesia	Instructor

LICENSURE

Registered Nurse, California Board of Registered Nurse
Registered Professional Nursing, New York State Education Department
Clinical Nurse Specialist, California Board of Registered Nurse
Professional Nurse, the Indonesia Health Profession Board, Indonesia