

Yi Esparza

Research Nurse, Faculty Specialist

CONTACT

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EDUCATION

Master of Science in Nursing: Nursing Informatics
University of Maryland School of Nursing
Jan. 2020 – est. Aug. 2022

Bachelor of Science in Nursing: RN-to-BSN
University of Missouri – St. Louis
Sep. 2015 – Aug. 2017

Associate of Science in Nursing: RN
St. Louis Community College
Aug. 2012 – Dec. 2014

LICENSURE & CERTIFICATION

RN license (R236952): Maryland State Board of Nursing; current active and unrestrictive license
BLS: Healthcare Provider Basic Life Support (CPR & AED)
ACLS certificate: Advanced Cardiac Life Support

PROFESSIONAL EXPERIENCE

Faculty Specialist

University of Maryland College Park, School of Public Health, MD
Mar. 2019 – Present

- Interface with the clinical research staff, lab staff, and collaborators to provide feedback for and revise study protocols for amendments to the IRB.
- Performs clinical study visits assuring all aspects of study protocol and schedules required patient services with ancillary departments.
- Trains undergraduate students to become qualified undergraduate research assistants and oversees their performance.
- Responsible for instructing study coordinators in communicating with study participants.
- Assists in clinic inventories and lab sample processing.

Clinical Research Coordinator

Washington University School of Medicine, St. Louis, MO
Dec. 2017 – Jan. 2019

- Oversees and coordinates 17 clinical research studies in the Division of Emergency Medicine.
- Provides clinical and administrative coordination of studies through recruitment and retention of study participants.
- Acts as a liaison between patients, investigators, and sponsors while adhering to established standards of all phases of protocol integrity, study conduct, enrollment, documentation and regulatory guidelines.
- Interface with the clinical research staff to provide feedback for protocol amendments to the IRB.
- Performs clinical study visits assuring all aspects of study protocol and schedules required patient services with ancillary departments.
- Trains new coordinators on studies and lab and coordination skills.
- Responsible for data cleaning, data editing, data matching.
- Familiar with electronic data systems including: Medidata Rave, REDCap, and ClinPhone.

Registered Nurse - Acute Care Medicine

Barnes Jewish Hospital, St. Louis, MO

Mar. 2015 - Dec. 2017

- Directed bedside patient primary care including patient assessment, medication administration, performing testing and labs, and patient daily maintenance.
- Established patient care plan in collaboration with patient's healthcare team and evaluated plan of care based on patient's response throughout the patient's stay.
- Educated patient and their families on how to manage illness and home cares.
- Promoted and maintained a patient centered healing environment.

CLINICAL TRIAL EXPERIENCE

Lead Research Coordinator:

1. "Biomarkers of Acute Stroke Etiology." (BASE) 02/2018-1/10/2019
2. "A Study to Explore the Incidence of Influenza and RSV in Adults Hospitalized with Acute Respiratory Tract Infection (NOPRODRSV0006)." 04/2018-1/10/2019
3. "A Phase 2, Multicenter, Randomized, Double-blind, Placebo-controlled Study to Evaluate a Potassium Normalization Treatment Regimen Including Sodium Zirconium Cyclosilicate (ENERGIZE) 04/2018 to 1/10/2019
4. "Get with the Guidelines in ED Patients with Heart Failure." 3/2017 to Present. 01/2018-1/10/2019
5. "Predicting Seizure Recurrence Using Baseline Functional Network Changes in Early Epilepsy." 01/2018 to 1/10/2019

Research Studies:

1. "A Phase 3, Randomized, Stratified, Observer-Blind, Placebo-Controlled Study to Evaluate the Efficacy, Safety, and Immunogenicity of mRNA-1273 SARS-CoV-2 Vaccine in Adults Aged 18 Years and Older." 08/2020-present
2. "A Study Looking at the Efficacy, Immune Response, and Safety of a COVID-19 Vaccine in Adults at Risk for SARS-CoV-2." 11/2020-present
3. University of Maryland College Park StopCOVID Study. 01/2020-present

4. Contagious Phenotypes of Acute Respiratory Infection: Identification, Characterization, and Biomarkers. C.A.T.C.H. (Characterizing and Tracking College Health) the Virus Study. 3/11/2019 – 7/31/2020
5. “THE AURORA STUDY - Longitudinal Assessment of Post-traumatic Syndromes” 03/2018-1/10/2019
6. “Thrombosis exclusion Study for STA® - Liatest® D-Di XL” (TRUST) 07/2018-1/10/2019
7. “An Open-Label, Dose-Response study of CM4620 Injectable Emulsion in Patients with Acute Pancreatitis and Accompanying Systemic Inflammatory Response Syndrome (SIRS)” (Pancreatitis) 08/2018-1/10/2019
8. “Clinical Evaluation of the FilmArray® Global Fever (GF) Panel” 08/2018-1/10/2019
9. “Prospective, Open-Label Study of Andexanet Alfa in Patients Receiving a Factor XA Inhibitor Who Have Acute Major Bleeding (ANNEXA-4).” 12/2017-1/10/2019
10. Clinical Evaluation of the Xpert® Xpress Flu/RSV Assay and Xpert Xpress Flu Assay on the GeneXpert® Xpress System in a CLIA-Waived Environment.”(Biofire Torch) 12/2017-07/2018
11. “A Multi-Center, Randomized, Placebo-Controlled, Double-Blinded, Trial of Efficacy and Safety of Riluzole in Acute Spinal Cord Injury (RISCIS/AO Spine).” 12/2017-1/10/2019
12. “A Phase 2b/3, Double-blind, Randomized, Placebo-Controlled, Multicenter Study to Assess the Efficacy and Safety of VX-210 in Subjects With Acute Traumatic Cervical Spinal Cord Injury (VERTEX SCI).” 12/2017-1/10/2019
13. “Non-invasive cardiac electrical imaging.” 12/2017-1/10/2019
14. “A Phase 3, Multicenter, Randomized, Double-Blind, Comparator-Controlled Study to Evaluate the Safety and Efficacy of Intravenous to Oral Delafloxacin in Adult Subjects with Community-Acquired Bacterial Pneumonia (Melinta CABP).” 12/2017-05/2018
15. “A Multicenter, Double-Blind, Randomized, Comparative Study of the Safety, Tolerability, Efficacy, and Pharmacokinetics of CF-301 vs. Placebo in Addition to Standard-of-Care Antibacterial Therapy for the Treatment of Adult Patients with Staphylococcus aureus Bloodstream Infections (Bacteremia) Including Endocarditis” (Contrafect) 12/2017-08/2018
16. “Physical Therapy Consultation and Intervention in the Emergency Department” (Back Pain) 12/2017-1/10/2019