

PARISA MARDANLOU

BOUNTIFUL, UT 84010

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Interdisciplinary scientist with years of experience in laboratory , clinical trials, research and mental health setting. Coordinates projects with a multidisciplinary approach with high attention to details and deadlines. Responsible for training, providing technical support and documentation, processing validation/method comparison reports, and maintaining a positive rapport with customers during the process of onsite and remote installation of epoc systems.

SKILLS

- Certified Medical Laboratory Scientist, American Society for Clinical Pathology (ASCP) current through 2024
- HIPPA, CLIA, OSHA, IRB compliant
- Sharp critical thinker and able to implement research materials and concepts
- Familiar with GCP, CAP, CLIA, and CITI regulations for with clinical practices
- Data and statistical analysis using JMP, Vericheck, and other statistical software
- Skilled in educating, presenting, and answering questions in scientific, biological, and medical concepts to various audiences
- Exceptional communication skills
- Strong ability to prioritize throughout multiple projects
- Organized and detailed
- Personable and approachable
- Clear communicator and educator of complex ideas
- Strong background in Microsoft Word, Excel, Powerpoint, Access, Outlook and other various documentation software
- Strong utilization of various online interactive forums: Teams, Zoom, and WebEx.
- Technical applications implementation for onsite and remote POC equipment

WORK HISTORY

Infotree Global Solutions

Contractor Technical Applications Engineer // Plymouth, MI // February 2020 to Current

- Exhibited strong technical aptitude and application expertise resulting in optimized performance, continuous improvement recommendations and product innovation.
- Educated and trained numerous employees on new technologies through presentations and individual support.
- Traveled to key account locations to train and provide technical direction for successful completion of product launches.
- Supported software integration and implemented maintenance enhancements.
- Maintained effective customer relationships and identified future business opportunities to support and strengthen corporation mission.
- Worked remotely with multiple customers and teams to train, validate, and implement their epoc devices through Go-Live.
- Provided support to IT during the process of interfacing devices through middleware, LIS, and HIS

implementation.

- Maintained and documented time spent with customers in a detailed and timely manner.

Intermountain Precision Genomics

Molecular Laboratory Technologist Contractor // Salt Lake City, UT // August 2019 to November 2019

- Performs nucleic acid extractions from FFPE and blood specimens
- Performs high complexity molecular testing according to standard operating procedure
- Performs and documents equipment maintenance and calibrations as required
- Participates in continuing education and quality improvement programs
- Analyzes data and records results in Laboratory Information Management System (LIMS)
- Coordinates with team to ensure turnaround times are routinely met

Pauls Valley General Hospital

Lead Medical Technologist // Pauls Valley, OK // October 2017 to June 2018

- Investigated and responded to discrepancies in testing results and contacted the doctors or other healthcare providers to identify cause.
- Managed specimen sample handling, receiving, storage and inventory.
- Created and formatted worksheets that were used to document QC and clinical data for various state and federal regulatory agencies.
- Conducted chemical analysis and microscopic techniques of bodily fluids to determine the values and accuracy of equipment.
- Submitted reports for group comparisons and proficiency testing.
- Reviewed, resolved, and submitted QC results and identified and corrected discrepancies.
- Quickly responded to and resolved all issues from other members of the clinical care team in a timely manner.
- Trained and prepared study and testing materials for new and uncertified staff on current methodologies that were used in the lab and development for certification.
- Maintained current knowledge of developments in technical instrumentation.
- Evaluated and utilized budget for reagent stock, staffing needs, and additional training of employees for compliance and new methodologies where to be implemented.
- Performed both routine and emergency maintenance on laboratory instruments.
- Properly calibrated and adjusted malfunctioning equipment to ensure precise test results.
- Executed corrective actions when test controls were outside specified limits.

West Virginia University Clinical and Pharmacological Research Center

Lead Screening Technician // 763 Chestnut Ridge Road, Morgantown, WV 26505 // July 2015 to July 2016

- Adhered to and maintained updates with regards to Good Clinical Practices (GCP) and other Food and Drug Administration (FDA) guidelines.
- Reviewed all study protocols, procedures, and work processes and evaluated if each were and functional prior to screening for specific studies.
- Ensured that all proper documentation and SOP were present and verified prior to screening individuals involved in any and all upcoming studies.
- Participated in screening procedures including but not limited to collections of blood and urine samples, vital signs, ECGs, and rapid testing.

- Ensured compliance with all applicable state and federal regulations and proper documentation practices (i.e. OSHA, FDA, DHHS).
- Reviewed, documented, and maintained volunteer charts (paper based and electronic) and ensured all required documents, consents, and laboratory results are accurate and present.
- Processed specimen collections and handled accordingly outlined in study specific or generalized standard practices.
- Utilized various computer software to input, maintain, and track the scheduling of volunteers and staff.
- Completed of CITI training and maintains ethical approaches to volunteers, staff, and outside vendors.
- Collaborated with other teams and the Principle Investigator to develop, plan, and budget for upcoming studies and new practices in development.
- Presented biometrics of individual studies to the Principle Investigator, shareholders, and other teams to evaluate effectiveness and efficiency of current studies and changes made in SOP's and workflow alterations.

Baptist Healthcare Systems

Medical Technologist // 9601 Baptist Health Dr. Little Rock, AR 72205 // February 2015 to June 2015

- Prepared, tested, and evaluated human body fluid for chemistry, hematological, and microbial testing.
- Tested quality control and calibration for analyzers and used statistical standards to validate results.
- Completed daily, weekly and monthly maintenance on analyzers.
- Involved in medium and high complexity testing procedures in each area.
- Monitored patient results and communicated with other medical staff of critically high or critically low results.
- Worked closely with other medical professionals to help maintain or alter patient treatment procedures to obtained optimal patient care.
- Aided in educating and training student and new technologist in various testing procedures and technical skills.
- Participated in the skills fair for other medical professional educating and testing skills for point-of-care instrumentation.
- Carefully documented and reviewed test results for accuracy.
- Properly calibrated and adjusted malfunctioning equipment to ensure precise test results.
- Maintained current knowledge of developments in technical instrumentation and advanced new concepts through continuing education and seminars.
- Performed diagnostic and therapeutic laboratory procedures.

St. Vincent Infirmiry Hospital

Medical Technologist Full Time 40 hours/week // Two St. Vincent Circle Little Rock, AR 72205

// August 2014 to May 2015

- Prepared, tested, and evaluated human body fluid for chemistry, hematological, and microbial testing.
- Tested quality control and calibration for analyzers and used statistical standards to validate results.

- Completed daily, weekly and monthly maintenance on analyzers.
- Involved in medium and high complexity testing procedures in each area.
- Monitored patient results and communicated with other medical staff of critically high or critically low results.
- Worked closely with other medical professionals to help maintain or alter patient treatment procedures to obtain optimal patient care.
- Aided in educating and training student and new technologist in various testing procedures and technical skills.
- Participated in the skills fair for other medical professional educating and testing skills for point-of-care instrumentation.
- Carefully reviewed test results for accuracy.
- Properly calibrated and adjusted malfunctioning equipment to ensure precise test results.
- Maintained current knowledge of developments in technical instrumentation and advanced new concepts through continuing education and seminars.
- Performed diagnostic and therapeutic laboratory procedures.
- Educated new staff and student trainees in work processes, applications, and scientific background for current procedures and testing methodology.

Sparks Regional Medical Center

Medical Technologist Full Time 40+ hours/week // Fort Smith, AR 72903 // February 2013 to August 2014

- Used statistical methods, i.e. Levey-Jennings charts, to analyze and validate quality control and calibration methods.
- Explained procedures to patients to reduce anxieties and increase patient cooperation.
- Entered, analyzed, and resulted patient data into various medical softwares.
- Oriented and educated new staff on proper procedures and policies.
- Documented and performed all maintenance in a timely manner to minimize downtime for patient data results.
- Conducted monthly and quarterly inventory of supplies using facility cost reporting records.
- Carefully reviewed patient medical histories, physical findings and diagnoses.
- Attended industry conferences to broaden medical and scientific knowledge.
- Maintained the quality control and calibration on instrumentation and analyzers in the areas of hematology, chemistry, blood bank, immunology, and microbiology.
- Regulated, maintained, and operated troubleshooting procedures for multiple Laboratory Information Systems (LIS).
- Subcontracted through the United States Department of Veteran's Affairs as a one of the two interim head Hematologists.
- Compiled, tested, and correlated blood samples of population groups through reagent lot and analyzer correlations.
- Collected all pertinent data and calculations from patient body fluid samples to aid the physician in interpreting results.
- Balanced, calibrated and recorded appropriate hemodynamic data for linearity studies and lot-to-lot comparisons.
- Created testing, reference, and learning materials for student trainees and new staff members to

enhance understanding in testing methodologies and certification preparation.

- Executed hematological tests, including red and white blood cell counts, sickle cell tests, hemoglobin estimations, fragility tests, coagulation time and clot retraction time.
- Oversaw the complete identification, confirmation and sensitivities on mycobacteriology and mycology specimens.
- Performed diagnostic and therapeutic laboratory procedures.
- Properly calibrated and adjusted malfunctioning equipment to ensure precise test results.

Mercy Medical Center

Medical Technologist 16-40 hours/week // Fort Smith, AR 72903 // June 2012 to October 2013

- Processed and completed testing using PCR and other molecular procedures on patient specimens.
- Prepared, tested, and evaluated human body fluid for chemistry, hematological, and microbial testing.
- Tested quality control and calibration for analyzers and used statistical standards to validate results.
- Completed daily, weekly and monthly maintenance on analyzers.
- Proficient in the department areas of Hematology, Chemistry, Immunology, and Microbiology.
- Involved in medium and high complexity testing procedures in each area.
- Monitored patient results and communicated with other medical staff of critically high or critically low results.
- Worked closely with other medical professionals to help maintain or alter patient treatment procedures to obtain optimal patient care.
- Aided in educating and training student and new technologist in various testing procedures and technical skills.
- Participated in the skills fair for other medical professional educating and testing skills for point-of-care instrumentation.
- Carefully reviewed test results for accuracy.
- Properly calibrated and adjusted malfunctioning equipment to ensure precise test results.
- Maintained current knowledge of developments in technical instrumentation and advanced new concepts through continuing education and seminars.
- Performed diagnostic and therapeutic laboratory procedures.

Sparks Regional Medical Center/Cooper Clinic/Hembree Cancer Center/American Redcross

Student // Various // August 2011 to May 2012

- Developed hands-on training in the areas of Hematology, Chemistry, Microbiology, Immunology, and Blood Bank.
- Learned quality control procedures and the importance of statistical methods.
- Developed a strong background in Ethics and HIPPA compliance.
- Maintained classroom reports and research topics while maintaining a 40 hour per week clinical training schedule.
- Went to multiple continuing education seminars in the areas of toxicology, hematology, parasitology, therapeutic drug monitoring, and molecular diagnostics.
- Exposed to multiple Laboratory Instrumentation Systems including Cerner, Centralink, Linemaster, and Orchard.
- Learned to do maintenance and quality control procedures for the analyzers including Advia

1800, Advia 2000, Centaur, Centaur XP, Stago Compact, Stago Star, LH, DX800, Urialysis, Echo 500, and Cell-Dyn.

Gamma Healthcare Systems

Phlebotomist STAT Lab 40+ hours/week // Poplar Bluff, MO 63901 // July 2008 to February 2009

- Prepared specimens for analysis and established proper chronological priorities in testing.
- Obtained blood specimens through heel sticks and venipunctures for laboratory testing.
- Traveled through the Northwest portion of Arkansas and Southwest portion of Missouri obtaining STAT labs among 15 facilities.
- Aided other phlebotomist with monthly blood specimen collections.
- Transported all specimens obtained to proper locations for testing.
- Complied with HIPPA and CLIA regulations when identifying and performing procedures on patients.

Piney Ridge Treatment Center

Psychiatric Technician // Fayetteville, AR 72703 // December 2006 to June 2007

- Educated adolescent patients residing among an intreatment center in the areas of Physical Science, Algebra, and Biology.
- Educated new staff in teaching approaches with patients with learning or personality difficulties.
- Documented patient information obtained from interviews.
- Assessed patients and documented their medical histories.
- Evaluated patient care needs, prioritized treatment, and maintained patient flow.
- Presented case history material to review and discussion with other staff members.
- Involved clients' family members in planning social service programs.
- Mediated conflicts within families to clarify and resolve underlying issues.

Piney Ridge Treatment Center

Psychiatric Technician Assistant // October 2002 to March 2004

- Worked closely with the doctors, educators, therapists, and psychiatrists to implement an effective treatment plan.
- Educated new staff in teaching approaches with patients with learning or personality difficulties.
- Worked closely with the families of the residents and explained treatment plans answering questions and concerns.
- Documented patient information obtained from interviews. Assessed patients and documented their medical histories.
- Evaluated patient care needs, prioritized treatment, and maintained patient flow.
- Presented case history material to review and discussion with other staff members.
- Involved clients' family members in planning social service programs.
- Mediated conflicts within families to clarify and resolve underlying issues.

EDUCATION

Master of Science - Health Sciences

West Virginia University College of Medicine // Morgantown, WV // August 2017

Bachelor of Science - Medical Technology

University of Arkansas For Medical Sciences // Little Rock, AR 72205 // August 2012

Bachelor of Science - Biological Sciences

