

Marie E. Wells, ESHP Lab Manager

Florida Atlantic University
ESHP Lab, GY 170
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EDUCATION

Coursework toward PhD – Biology, Clark Atlanta University, Atlanta, GA
Relevant coursework: Biochemistry, Biostatistics

Master of Public Health, University of Florida – Gainesville, FL

Relevant coursework: Research Data Analyses, Advanced Methods in Health Science Education, Environmental Health

Bachelor of Science, Biology, Florida A&M University –Tallahassee, FL

SYSTEM CAPABILITIES

Computer competencies include MS Office including, Word, Excel and PowerPoint – PC and Mac. Knowledge of Adobe Photoshop and Illustrator.

PROFESSIONAL EXPERIENCE

Florida Atlantic University – Boca Raton, FL

2014 – Present

Laboratory Manager

Manage all laboratories within the Department of Exercise Science and Health Promotion in accordance with university's laboratory safety policies. Provide technical guidance and training to graduate students in biochemical and molecular biological assays in biochemistry lab. Train students to properly use equipment in human performance and body composition labs. Create and update protocols and as needed. Conduct research with ESHP faculty.

NBTY/Rexall Sundown – Boca Raton, FL

2013 - 2014

Laboratory Associate

Monitor viable counts of microbial matter such as yeasts, molds and bacteria to describe health risk levels associated with food and waterborne diseases for environmental program. Responsible for collection, testing and documentation of air, water and surfaces to provide evidence that the environment necessary to produce nutritional supplements and food products is in control. Execute good housekeeping and safety practices and maintain documentation according to QP's.

Doctor Evidence - Santa Monica, CA

2013 – 2013

Clinical Study Analyst

Extracted and transferred clinical data points from published full-text research articles regarding the effectiveness/safety of any diagnostic or therapeutic intervention. Formulated characteristics and outcomes for clinical guidelines, health technology assessments and healthcare policy decisions. Captured medical evidence data and organized via template population.

Spelman College Science Center- Atlanta, GA

2009 – 2012

Laboratory Educator

Served students by providing BIO110 - *Population Biology, Ecology & Diversity* instruction in laboratory courses and coordinate class activities with lecture faculty. Assembled all materials, training protocols (bacterial and yeast culture, transfection & transformation, enzyme digestion, immunoprecipitation, etc) and equipment necessary for running BIO 125 *Molecular Genetics* lab. Participated in departmental staff meetings, attend seminars, and engage in professional development.

Laboratory Assistant/Instructor

2009 - 2011

Co-Instructed Howard Hughes Medical Institute/National Genomics Research Initiative Phage Project. Scope of responsibilities included requiring students to apply scientific concepts through wet lab experiments including but not limited to bacterial plating, dilutions and lysate harvesting, plasmid prep and DNA extractions. Assisted in the instruction of bioinformatics as it related to phage genome annotation. Prepared stock reagents and materials and properly disposed of biohazard waste.

Laboratory Technician

2003 - 2007

Assisted in the development of reagents suitable for use in vaccine development in primate models. Supervised undergraduates and served as subject matter expert in laboratory research techniques. Performed RNA and DNA extractions, RT-PCR, qPCR, gel electrophoresis, SDS-PAGE, protein purification, Western blots and cloning as needed. Served as procurement specialist, updated MSDS and adhered to OSHA regulations.

University of Pennsylvania, Perelman School of Medicine Sequencing Facility - Philadelphia, PA

Research Associate II

2007 – 2008

Sequenced template DNA samples. Prepared reagents and nucleic acid samples for high-throughput processing using Beckman Coulter biorobot. Maintained laboratory instruments, advised customers of processing protocols and results, performed troubleshooting and quality control. Executed literature searches. Assisted in solving technical problems and design, kept detailed records of all samples processed.

Solsta's Lab Partners (formerly Spectrum Laboratory Network) – Atlanta, GA

Territory Account Manager

2007 – 2007

Provided support and expertise to new and established accounts to ensure excellent customer service. Served as a liaison between the company and the client by building solid relationships with hospital, physician and specialist accounts.