

Ivonne Garcia
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EXPERIENCE:

1998 to present

Biology and Microbiology Professor (Instructor): teaching Online and in classroom
Houston Community College System (HCCS) –Northwest, Houston, Texas

- Microbiology, A&P and Biology courses, most requiring hands-on laboratories including: sterile and non sterile techniques, balances, buffer solutions, different pipettes, filtration manifolds, laminar flow hoods, growth media, gel electrophoresis, DNA, RNA, and protein procedures, follow GLP, GMP, SOP, HACCP, FDA, USP, and USDA lab safety and regulatory procedures, and classification of microorganisms (bacteria, yeasts, and molds) by conventional and rapid test methods, including physical and biochemical identification
- Tutor of Microbiology, Biology, Genetics, and Anatomy and Physiology (A&P)
- Knowledge of laboratory workflow and **QA/QC** plus **GDP (Good Documentation Practices)**
- Clinical, medical, and pharmaceutical understanding
- Certified in a short time to teach online (Basic and Advance certificates) and more
- Developed the first departmental online course based on Web CT (August 2003)
- Sampling for environmental monitoring, water, raw materials, finished product, and stability and developmental studies
- Validation, calibration, maintenance, and care of equipment in logbooks
- Project Manager of USDA grant: motivate high school students to study science
- Teach different MS Office classes
- Teamwork to select new Biology textbooks

EDUCATION:

2003 to present

Basic and advanced certificates in technology to teach online courses
Houston Community College

Master in Science (MS)
University of Puerto Rico, Medical Sciences Campus, Department of Microbiology

SKILLS:

- Teach online
- Microsoft teams, Zoom and CiscoWebEx
- Blackboard, Moodle and CANVAS for online teaching
- Knowledge: DNA/RNA, electrophoresis, biology, biochemistry, A&P, genetics, and biotechnology
- Experience doing research and investigations
- Ability to work under time constraints
- Computer literate: MS Office (Word, Excel, and Power Point)
- Problem solving, proactive, presentation and training skills
- Verbal and written expertise
- Total comprehension about GLP, GMP, FDA, HACCP, USP, USDA and more
- Bilingual: English - Spanish