



Mr. Rebel Umphlett
Director of Capstone Center

Rebel has 21 years' service within the biopharmaceutical industry specializing in the management, manufacture and development of animal health vaccines. His tenure in industry has provided experience in all facets of vaccine production including cell/virology culture, fermentations, process development, formulation, filling and all things aseptic. Rebel has spent the last 9 years with BioNetwork and associated community colleges engaged in workforce development focusing on aseptic processes and lyophilization.

Business Solutions

<u>Need</u>	<u>Audience</u>	<u>Solution</u>
Aseptic Practices	New Hires, Operators & Technicians	Aseptic Processing I
Aseptic Practices	Operators and Technicians	Aseptic Processing II
Aseptic Practices	Operators and Technicians	Maintenance Controls for Aseptic Operations
Cleanroom Behavior	Maintenance Technicians, New Hires, Operators and Technicians	Cleanroom Gowning Certification
Bioprocessing	Operators and Technicians	Cell Culture Processes
Laboratory Skills	Operators and Technicians	Freeze-Drying Fundamentals

Professional History

Education & Training

- B.S. Microbiology
- M.S. Botany
- Pharmaceutical Lyophilization

Certifications

- ATD Master Trainer
- PADI OWSI (Open Water SCUBA Instructor)
- EFR CPR and First Aid Trainer

Instructional Expertise

- Aseptic Processing Level I
- Aseptic Processing Level II
- Media Fill Process Simulations
- Aseptic Cleanroom Gowning
- Freeze-Drying Fundamentals/Kepner Tregoe PSDM
- How to Conduct Kaizen Events

Testimonials

“The training on Aseptic Processing through the BioNetwork, under Rebel Umphlett’s guidance, provided a firm understanding of the terminology and techniques used in this space through the use of classroom discussion and hands on lab work to bring these key fundamental understandings of the course to life.”

Kevin Jones, Associate Director,
Biogen

For more information, visit: <http://www.nccommunitycolleges.edu/rebel-umphlett>