

Zachary Turner

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16726 Beaumont BLvd
Mead, CO 80542

(720) 447-0041
zturner19@gmail.com

Experience

Allosource/ Operations Processing Technician

March 2018-Present, Centennial CO

- Implemented 2 new working procedures to cut processing time by 45%; working closely with Engineers and Quality Control to correspond with FDA guidelines and HIPAA
- Wrote and updated work instructions and SOPs to better match the needs of the organization.
- Developed training plans for 2 of the 5 processes, leading to becoming the sole trainer in those 2 processes.
- Maintained a 99.8% first pass yield with the FDA and quality control for bone graft acceptance and accurate documentation.
- Created sterile environments and monitored microbe levels in clean rooms used to produce medical devices.
- Sterilized and decontaminated rooms for aseptic processing adhering to iso 13485:2016
- Assisted with orchestration of a safety team to lower OSHA rate of injury and prevent potential hazards.
- Team lead in charge of creating medical device for surgery and helped increase device pass rate through the FDA.
- Lead Technician in charge of a medical device mixing solution, involving maintaining pH, titration, and removing any impurities.
- Excellent safety skills working with human blood and virus's that last in fresh human skin and bone.

**University of Northern
Colorado/Laboratory Research
Associate**

August 2014-December 2017 Greeley CO

- Developed processes to identify different proteins that could be found in the prefrontal cortex of brain cells, as well as links in cell survival for live breast cancer cells.
- Mentored new students, guiding them through processes such as DNA Isolation, Cloning, Transcardial Perfusions, Crispr, PCR. Gel Electrophoresis and HPLC.
- Presented findings from the lab in scientific research papers and detailed and professional presentations and posters.
- Maintained living cells through cell cultures and extracted mouse prefrontal cortex's for the labs needs.
- Used fluorescent Microscopy to identify changes in brain cells after adding different proteins.
- Excelled in using common molecular biology skills such as RT-PCR, Western blots, flow cytometry, and transfections.
- Oversaw supply functions and lab inventory including live mice and various chemicals.

The Original Roma / Assistant Manager

July 2016-April 2018, Greeley CO

- Managed the kitchen being in charge of opening and closing the restaurant and training new cooks to keep a safe and efficient team.
 - Cut food waste by 30% by creating a standardized way to order the necessary items for the week, while also teaching employees to properly portion food.
 - Implemented new food promotions and created new menu items increasing food revenue by 9%.
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Education

Skills

University of Northern Colorado /

Bachelors of Science, Molecular Biology with a minor in Psychology

August 2013-December 2017, Greeley CO

- Training and leadership
- Works well independently and in a team
- Process development
- Data analysis using well maintained laboratory records
- Decision making and critical thinking

- Excellence with Microsoft suite
- Strong written and verbal communication skills
- Wet lab experience with various microbes
- Organic chemistry and mass spectrometry
- PCR
- Statistical Tabulation's