

Rebecca de Wardt
Arvada, Colorado

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Ambitious young professional seeking career opportunity in the microbiology and environmental fields;
Dedicated to producing high quality work & supporting team members.

EDUCATION

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|--|---------------------------------|-----------------|
| ◆ <u>University of Colorado Denver</u> | <u>Graduated</u> | <u>May 2011</u> |
| Bachelor of Science, Biology | 3.9 GPA | |
| Honors/Activities | Dean's List 2009 & 2010 | |
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| ◆ <u>Colorado School of Mines (CSM), Golden, CO.</u> | <u>2005-2007</u> | |
| Bachelor of Science, Chemistry | 3.75 GPA | |
| Honors/Activities | Dean's list 2005, 2006, 2007 | |
| | Vice President of Shooting Club | |
| | Member of the Motorcycle Club | |

RELEVANT SKILLS

Able to properly use, maintain and clean: pipettes, pH meters, spectrophotometers, centrifuges, melting point apparatuses, and digital balances.

Able to complete basic lab experiments such as: Titrations, dilutions, distillations, precipitation.

- Aseptic Technique
- cGMP
- recording & maintaining detailed & concise records
- Dissections
- Culturing of bacteria using selective and differential media
- preparing Gram Stains
- Sanitization & Sterilization using COP, CIP, SIP & Autoclave
- Microscopy

EXPERIENCE

Pharmaceutical Manufacturing II Contract associate at Amgen Boulder, CO

- Responsible for ensuring tanks and other necessary equipment were ready for use per production schedule, while utilizing cGMP and proper safety techniques. Worked with team to meet production standards and deadlines while maintaining safety goals
- cGMP trained, including use of proper GMP documentation and appropriate standard operating procedures
- Comfortable and able to wear PPE while working. Worked for extended periods of time in Class 10,000 (ISO 7) and Class 100 (ISO 5) cleanrooms.
- Followed Batch Records and SOPs to manufacture desired drugs. Maintained complete and accurate Batch and Equipment records.
- Completed and troubleshooted COPs, CIPs, and SIPs of tanks of various size and types. Understands proper safety techniques and comfortable working with caustic, pressure and extreme temperatures.
- Correctly prepares items for sterilization and properly uses autoclave for sterilization. Visually inspects and confirms items have been sterilized after autoclave cycle is complete.
- Experienced using correct lab techniques for various equipment such as: pipetting, analytical scales, dilutions, pH meters, conductivity meters and peristaltic pumps.
- Experience flushing, integrity testing, and operating Millipore and capsule filters.
- Continuously utilizes aseptic technique during manufacturing procedures.
- Efficiently and correctly assembles equipment such as connections using correct gasket type and size, installing check valves and steam traps in the correct orientation.
- Began training on Ultra-filtration/Diafiltration and Chromatography skids within 4 months of beginning position.

Executive Assistant at Zia Consulting

Boulder, CO

- Identified opportunities and implemented programs to increase the company's environmental sustainability and efficiency while decreasing waste and expenditures. These programs resulted in the company receiving \$30,000 in tax rebates.
- Worked directly with the CEO and President. Assisted CEO with scheduling appointments, gathering data, writing proposals & booking travel.
- Responsible for day-to-day building operations. Organized and executed move for entire office (approx 28 people). Acquired financing for new furniture; selected & purchased furniture for new office.
- Received promotion and significant raise in salary after only 1 year

Zoology Intern at Butterfly Pavilion

Westminster, CO

- Marine and terrestrial invertebrate husbandry, including feeding, cleaning, and proper environment maintenance.
- Information expert and scientific tour guide for visiting school groups.
- Maintained detailed care and inventory documentation for various species, and addressed any health issues of species.
- Proper handling techniques and experienced working with venomous species.
- Experience in identifying various genera & species.

Promotional Work

Denver, CO

- Direct public interface introducing new products and services. Effectively represented clients ranging from heart surgeons to mall shoppers. Used promotional techniques to increase customer awareness of new products or reintroduce them to older products.

RELEVANT PROJECT & SKILLS

◆ **Microbiology Laboratory**

- Very knowledgeable and experienced in the use of aseptic techniques.
- Experienced in performing bacterial counts of food, standard plate counts, and bacteriological examination of liquids using MPN.
- Proficient in culturing techniques (using selective and differential media), using proper streaking methods, Gram staining, and using Brightfield microscopes.
- Produced yogurt and wine using *Lactobacillus* and *Saccharomyces cerevisiae*, respectively. Extensively used pipettes throughout laboratory course.
- Utilized Kirby-Bauer testing to quantify and qualify effectiveness of three different antibiotics on various bacterial species.
- Kept organized and detailed lab notebook including table of contents, page numbers, background information for experiment, purpose of experiment, experimental process, results, and conclusion

◆ **Chemistry Laboratory (Chemistry I & II, Organic Chemistry I & II)**

- Familiar with lab safety procedures.
- Experienced using digital balances, pH meters, spectrophotometer, vacuum pump, pipettes and melting point apparatus.
- Proficient with basic lab experiments such as distillations, titrations, and extractions.
- Competent using Xcel to plot data and generate graphs.

◆ **Microbial Ecology**

- Gained understanding of transport of microorganisms through soil aggregates and aquatic ecosystems.
- Knowledgeable in coliform testing and how results may be skewed by coliforms that may have become autochthonous or by animal waste.
- Also very knowledgeable about BOD testing as a way to quantify organic matter in liquid (usually water) samples and how these results can be altered or underestimated due to anaerobic respiring heterotrophs.

REFERENCES

Marc Weber
Boulder, CO

Manufacturing Manager; Amgen

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