

**Bryan R. Fritz**

8513 NW 114<sup>th</sup> Street, Oklahoma City, Oklahoma 73162 • 405-308-7937 c • bryan.fritz@okstate.edu

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**Objective**

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A full time position utilizing my Biochemistry and Molecular Biology training

**Skills**

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- Solution and media preparation
- PCR
- Bacterial Isolation
- Microsoft Word, Excel, and PowerPoint

**Employment**

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Oklahoma State Department of Health  
Laboratory Scientist I

February 2017 – August 2017  
Oklahoma City, Oklahoma

- Perform *Escherichia coli* PCR and *Salmonella* serotyping
- Run PFGE on bacterial isolates and analyze gels
- Autoclave waste and help maintain the laboratory area

Clinical Laboratory Scientist I  
Oklahoma Department of Agriculture, Food, and Forestry

December 2014 – February 2017  
Oklahoma City, Oklahoma

- Prepare media and solutions
- Perform aerobic, coliform, antibiotic, somatic and phosphatase testing on dairy samples
- Conduct *Escherichia coli* O157:H7, *Salmonella* spp. and *Listeria monocytogenes* screening on food samples using real-time PCR
- Confirm bacterial identity using agar plating, screening tubes, agglutination tests, and API biochemical tests
- Carry out coliform testing on water samples
- Discard samples as appropriate and clean laboratory area

**Education**

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**Bachelor of Science in Biochemistry and Molecular Biology**  
Oklahoma State University, Stillwater, Oklahoma

Graduation: May 2013  
GPA: 3.4

**Honors**

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Dean's Honor Roll, Oklahoma State University  
President's Honor Roll (4.0 GPA), Oklahoma State University

Fall 2009  
Fall 2012

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**Classes Attended**

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- FD374: Laboratory Examination of Dairy Products (March 24-26, 2015 in Raleigh, NC)
- LB506: FDA/Food Emergency Response Network Real-Time PCR (April 24-29, 2016 in Las Cruces, NM)
- FF-501: *Salmonella* in Food (June 2-5, 2015 in St. Paul, MN)
- FF-201: Food Microbiology and Rapid Methods (August 25-28, 2015 in St. Paul, MN)
- FF-701: *Listeria* in Food (April 19-21, 2016 in St. Paul, MN)

**References**

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Available upon request