

Jeffrey J. Tyner

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Indianapolis, IN 46227
(812) 322-2842

Education

1997 Academic Honors Diploma Center Grove High School

2001 Biology, B.S. Indiana University

Employment History

Summer 2000 Indiana University Department of Biology

Worked as a research associate in the laboratory of Susan Strome. Performed several genetic screens, attempting to identify mutants of the model organism, nematode *C. elegans*. Several mutants were identified and subsequently sequenced. Valuable laboratory experience and scientific knowledge was gained.

2002 – 2004 Indiana University Department of Biology

Worked as a research associate in the lab of Clay Fuqua. Research centered on the identification of symbiotic organisms harbored within several species of ticks found within Indiana. Several species were identified, DNA sequenced, and genetic libraries created for future studies. From using aseptic technique to isolating and sequencing DNA, the laboratory experience gained as a member of the Fuqua lab has proved invaluable.

2005 – present Dissolved Gas Analysis Chemist Weidmann- ACTI

Head DGA chemist for the Indiana laboratory, detecting key gases dissolved in electrical insulating oil. Have been responsible for daily maintenance of the equipment, timely production, and quality control.

I have gained the knowledge necessary to work efficiently and independently in the department. This includes installing and maintaining gas chromatographs, and developing new testing methods.

Have worked in the PCB detection department, running emergency samples and aiding the PCB chemist with daily activities. Also have worked in the oil quality department, aiding in testing and maintenance.

Have served as the on-call chemist, displaying the responsibility and competence required to serve our customer's emergency needs.

Professional Qualifications

Through college onto my current position with Weidmann-ACTI, I have served in several laboratories all with varying goals. This has given me a broad scientific background which I believe is essential to understanding and carrying out quality experiments and assuring accuracy of results.

While specific tests and requirements change with the needs of our customers, the methods which assure accurate and precise results are the same in each scientific discipline. I feel strongly that my varied laboratory experiences have helped in my current position and will continue to help as my responsibilities increase.

Awards

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| 1997 | Academic Honors Diploma, Center Grove High School |
| 2000 | Undergraduate Research Internship
Indiana University Department of Biology |

Publications

Grindle, N., Tyner JJ., Clay K., Fuqua C. Identification of Arsenophonus-type bacteria from the dog tick *Dermacentor variabilis*. *Journal of Invertebrate Pathology*. (2003) Jul;83:264-266.