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OU Alumnus Has Her Dissertation Research Published in the Journal

Rhodobacter Sphaeroides is a type of bacteria that can undergo **photosynthesis** and is a model organism for many fundamental biological processes. In 2007, Britton Ranson-Olson completed a PhD at Oakland University in **Biomedical Sciences: Health and Environmental Chemistry**. Her dissertation **'In vitro and in vivo transcription studies of the hemA gene of rhodobacter sphaeroides 2.4.1'** described the regulation of DNA transcription in Rhodobacter Sphaeroides. This work, performed under the supervision of former OU Associate Professor Jill Zeilstra-Ryalls (now at Bowling Green State University), was recently published in the October 2008 issue of the **Journal of Bacteriology** (volume 190, pages 6769-6778). After graduating, Ranson-Olson became an **Assistant Professor at Lake Superior State University**.

SUMMARY

Rhodobacter Sphaeroides is a type of bacteria that can undergo photosynthesis and is a model organism for many fundamental biological processes. In 2007, Britton Ranson-Olson completed a PhD at Oakland University in Biomedical Sciences: Health and Environmental Chemistry. Her dissertation "In vitro and in vivo transcription studies of the hemA gene of rhodobacter sphaeroides 2.4.1" described the regulation of DNA transcription in Rhodobacter Sphaeroides.

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