

'Neurological Health and Water Quality'

■ Lecture event to be held at UW-Marquette

MARINETTE — The public is invited to attend the lecture event "Neurological Health and Water Quality." The event will take place at the UW-Marquette in the main building, room M117, Dec. 13, at 7 p.m. Recent research shows increasing ties between

neurodegeneration and water quality with Wisconsin residents in the region at greater risk.

The seminar will gather local scholars, Renee Richer, UW-Marquette assistant professor of biology; Glenn Adelson, Lake Forest College associate professor of environmental studies chair; as well as Cody Rasner, 2016 E. Arthur Bell Award winner and UW-Marquette alumnus, engaged in the advancing research of cya-

nobacterial toxins. Cyanotoxins are a prominent component of harmful algal blooms (HABs) occupying the Great Lakes and many waterbodies throughout Wisconsin. The implications HABs have on human health are a growing concern in the field of medicine having been linked to several neurodegeneration disorders including ALS, Alzheimer's and Parkinson's disease. Factory waste and agricultural runoff are known

to promote the growth of HABs, demonstrating the importance for our community to gain a better understanding of the risk factors these cyanobacterial blooms possess.

Topics to be discussed:

- Cyanobacteria implications on human health
- Amyotrophic Lateral Sclerosis (ALS) — Alzheimer's Disease/Parkinson's
- Prevalence of toxins in

Wisconsin waters

- Current research
- Community outreach and education

Individuals must RSVP to Pam Olson by Dec. 12, at pam.olson@uwc.edu. There will be refreshments provided during the presentations, and a time for questions after each speaker. Speakers will also be available to address and discuss any further questions at the end of the seminar.