Student wins the “Earth Champions Contest” Video Contest | Sustainable Waste-to-Bioproducts Engineering Center

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August 6, 2018 – Biological Engineering student video of capstone design project won the “Earth Champions Contest” sponsored by the Resources for Future Generations (RFG)

Biological Engineering student Nathan Guymon recently attended the Resources for Future Generations conference in Vancouver, Canada. The focus of the conference was on energy, minerals, and water in relation to the earth, environment, society, and the needs of future generations. At the conference, Nathan presented a video on what students are doing at Utah State University to develop solutions to deal with harmful algal blooms (HABs). Harmful algal blooms are a growing problem throughout the world and threaten both human and animal health by contaminating water supplies. His video made in collaboration with a capstone design team won the earth champions contest sponsored by the Resources for Future Generations (RFG) organization. It was chosen from among a group of videos by public voting and the Education, Outreach, and Young Leaders Committee of RFG.

The research began with a capstone design team comprised of biological engineering students Bethany Jensen, Kyle Hillman, Ammon Hooper, Jeffrey Jarman, Tyler Lewis, Jason Eldredge, Michael Flores, and Ammon Balle. The team aims to help with the issues of HABs identifying likely outbreaks before they spread and working to clean them up. The team is planning to continue their research with both new and returning students in the upcoming year. You can learn more about their research by watching the video linked below.