

2017 BCWWA Student Design Competition

- **Project statement:** Design a secondary treatment upgrade for the Tsawout First Nation (FN) Wastewater Treatment Plant (WWTP). [Read more!](#)
- **Winning team:** *UBSea Tec* -Kit Caufield, Brad Jenks, Tim Burton, Jenikka Javison, Antonio Castro and Gregory Vettese
- **Competing at WEFTEC:** The BCWWA student team placed second in the WEFTEC Student Design Competition wastewater category.

2016 BCWWA Student Design Competition

- **Project statement:** Design a treatment process for the Resort Municipality of Whistler's (RMOW) Wastewater Treatment Plant (WWTP) to reduce the amount of phosphorus discharged to the Cheakamus River with the treated effluent. [Read more!](#)
- **Winning team:** Leah MacGillivray, Matthew Waldie, Kelsey Baker, Danielle Gutwillinger, Trudy Miller, and Travis Reid from the University of British Columbia and the University of Northern British Columbia.

2015 BCWWA Student Design Competition

- **Project statement:** Design a resource recovery system for the City of Kelowna's Wastewater Treatment Plant, which will focus on anaerobic digestion of fermented primary sludge and waste secondary sludge to produce biogas. [Read more!](#)
- **Winning team:** *Team Undine Energy Solutions* - Maureen Long, Clayton McBride, Allison Matfin, Brenden Vissers, and Stephanie Doherty.
- **Competing at WEFTEC:** The BCWWA student team placed third in the WEFTEC Student Design Competition wastewater category.

2014 BCWWA Student Design Competition

- **Project statement:** Design a baseflow augmentation facility and water quality treatment facility in Northeast Coquitlam which will sustain minimal baseflows to Star Creek, keep water temperatures low and address water quality. In addition, produce options for the sizing of the two facilities based on the extent of source control applications on single family lots within the catchment area. Evaluate these options using quantitative and qualitative criteria and present your recommended approach with reasons. [Read more!](#)
- **Winning team:** *Team FloBeau* - Stephen Bertulli, Michael Thiessen, Robert D'Amours, David Saabas, and David Houghton
- **Competing at WEFTEC:** The BCWWA student team placed first in the WEFTEC Student Design Competition environmental category.

2013 BCWWA Student Design Competition

- **Project statement:** Design a pilot-scale microalgae cultivation and harvesting system for installation at Metro Vancouver's Sustainability Academy – Annacis Wastewater Centre. Develop concepts and budget for the longer-term goal of co-locating operational-scale microalgae cultivation processes at Metro Vancouver's Iona Island Wastewater Treatment Plant. [Read more!](#)
- **Winning team:** Laith Furatian, Michal Simhon, Christopher Lawson, Connor Wilson, and Rony Das
- **Competing at WEFTEC:** The BCWWA student team placed first in the WEFTEC Student Design Competition environmental category.