2016 Projects

Version 1

- **Improving Online Learning Accessibility** *(Funded by OCI)***:**

Blindside Networks provides the BigBlueButton platform, an open source web conferencing system for distance education. Blindside has partnered with Seneca since 2011, to enhance their BigBlueButton platform. Blindside is collaborating with Professor **Fardad Soleimanloo** and his students from Seneca's School of Information and Communication Technologies to ensure the HTML5 client for BigBlueButton meets the accessibility needs for all students. For example, a deaf student requires live captioning capabilities; a blind student requires all text is available to a screen reader. HTML5 support for mobile browsers is still emerging and is not fully adhering to the standards defined in Web Accessibility Initiative Accessible Rich Internet Applications (WAI-ARIA). The Seneca team is using its deep expertise in web technologies to develop a WAI-ARIA compliant HTML5 client for BigBlueButton.