

Some Examples of SJ-Themed Projects

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[Queer Lights](#) (collaboration at UMass Amherst between the Stonewall Center, Student Union Craft Center, and College of Engineering). Combines art, electrical engineering, and LGBTQ+ themes for students to learn Arduino computing using programmable lights to design some artistic item that expresses some aspect of LGBTQ identity. [Read the paper](#) on this project, “Queer Lights: Combining Technology, LGBTQA, and Diversity Topics in an Accessible and Inclusive Learning Environment,” (David J. McLaughlin & Genny Beemyn), presented at the 2018 CoNECD conference.

[Gender-Neutral Bathrooms](#), a junior-year interdisciplinary project at WPI. Jonathan Berry, R. Johnson, Christian Peguero (2016).

[LGBTQIAP+ Insights and Policy](#), a junior-year interdisciplinary project at WPI. Leo Bunyea, Christopher DeJesus, Pat Linzo.

[Read a paper](#) about these projects, “Integrating Inclusive Pedagogy and Experiential Learning to Support Student Empowerment, Activism, and Institutional Change: A Case Study with Transgender Students.” Boudreau, Bunyea, DiBiasio, Johnson, Reidinger (2019).

Food Security Assignment (included in materials on flash drive). This team assignment, designed for a project-based first-year course on Food Sustainability, asks students to imagine themselves as the head of a household, responsible for feeding a family of four. Each team is assigned a weekly budget and a particular food shop in Worcester and must decide on and analyze a week’s worth of menus for their family.

[Food Insecurity Among WPI Students](#), a junior-year interdisciplinary project at WPI. Maggie Gaffney, Christopher Renfro, Daniel Suitor (2019). Site includes project report, 7-minute video, and PPT presentation.

[Black Cloud: Environmental Studies Gaming](#). Teams role-played as either real estate developers or environmentalists using actual air quality sensors hidden through the city to monitor neighborhood pollution. Their goal is to select good sites for either additional development or conservation. Combining scientific data with human experiences, students collaborate, share and analyze their findings, including working cross-culturally between cities.

[Conservation Connection](#). Conservation Connection engages American youth from the West Side of Chicago and Fijian youth in the West Pacific in stewardship of Fijian coral reefs through direct involvement in the scientific process. Fusing virtual and real experiences, the project uses a virtual coral reef in Whyville.net, web-casting, video blogging, and a customized social networking site to connect youth around the issue of environmental conservation. Directed virtual activities are supplemented by direct contact with marine biologists and various Fijian conservation NGOs, as well as with guided visits to museums, aquaria, and live reefs.

Other examples on [HASTAC](#), Humanities, Arts, Science, and Technology Alliance and Collaboratory, founded by Cathy N. Davidson.

