Educational Gaming Research

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Elizabeth Rowe, Erin Bardar, Jodi Asbell-Clarke, Christina Shane-Simpson, and Su-Jen Roberts

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Rebecca Vieyra, Teon Edwards, Elizabeth Rowe, & Jodi Asbell-Clarke
—The Science Teacher, 82(5)

Serious Games Analytics to Measure Implicit Science Learning —
Elizabeth Rowe, Jodi Asbell-Clarke, & Ryan Baker
—Serious Game Analytics: Springer International Publishing

The Blue Mars Science Center —
Jodi Asbell-Clarke
(2009)

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