

Abstract Submitted  
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**The Art of Science**<sup>1</sup> ASHWIN VAIDYA, MIKA MUNAKATA, Montclair State University — The Art of Science project at Montclair State University strives to communicate the creativity inherent in the sciences to students and the general public alike. The project uses connections between the arts and sciences to show the underlying unity and interdependence of the two. The project is planned as one big ‘performance’ bringing together the two disciplines around the theme of sustainability. In the first phase, physics students learned about and built human-powered generators including hand cranks and bicycle units. In the second phase, using the generators to power video cameras, art students worked with a visiting artist to make short films on the subject of sustainability, science, and art. The generators and films were showcased at an annual university Physics and Art exhibition which was open to the university and local community. In the final phase, to be conducted, K12 teachers will learn about the project through a professional development workshop and will be encouraged to adapt the experiment for their own classrooms. The last phase will also combine the university and K12 projects for an exhibition to be displayed on Earth Day, 2014.

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