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## **The Biodiesel Project at Newton North Grantee: Steve Chinosi**

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### **Mission Statement**

*The mission of the Newton Schools Foundation is to enhance and broaden community support for public education and to provide funding for innovative and challenging programs in the Newton Public Schools. This private, 501 (c)(3) non-profit community foundation is governed by a Board of Directors which represents community and business leaders, parents and teachers.*

### **Project Overview:**

The BioDiesel Project engages students, across the district, with an innovative and interdisciplinary approach to the real-world issues surrounding the energy and oil crisis. The BioDiesel Project will utilize the recycled waste grease from school cafeterias and enable Science students to titrate and process this waste product into a renewable and alternative fuel source. Engineering students will design and construct automated processors. Social Studies/History students will research the economic and cultural impact of the petroleum industry and the affect of alternative fuels. The BioDiesel Project creates a common thread and instructional base for curricular collaboration among students and faculty. This is a cutting edge, state of the art project that will empower thousands of students to grapple with global issues in a local and in a hands-on way.



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