

Algae Bioreactor Invitation Daniel Boone High School

Hello,

I am writing you this email in order to extend an invitation to your Science Department Faculty members to attend the Public Premiere of the Daniel Boone High School's BIODIESEL BIOREACTOR RESEARCH GROUP. Please forward this email to your science department members.

Last year, Daniel Boone Science students constructed an Algae Bio Reactor that will eventually grow large quantities of algae to be dried and pressed in order to harvest the lipid oil that will later be chemically processed into Biodiesel. This year Daniel Boone Science students will grow algae in bulk, perform research in order to determine the best lighting conditions and nutrient requirements needed to maximize algae yields, and extract and process the lipid oils into small quantities of biodiesel fuel.

Daniel Boone High School students working on this project have entered the Scholastic/Lexus Eco Challenge Air and Climate Competition. You can read more about this competition at the following web page: <http://www.scholastic.com/lexus/pdfs/Lexus7-LearnMore.pdf>

We have a nine student team. Their team name is Go Clean, Go Green, Gooooo Algae. They are going to be the first group of students to actually begin growing Algae in the Bioreactor Lab. As a part of the competition requirements, the team must educate the school and the greater community on the environmental issue that they have elected as their topic: Renewable Energy.

This point is where you come in. In order to get the word out to the community and to educate the community, we are going to host an evening event in which the students will demo the operating bioreactor. They will give brief lectures explaining the process from algae to diesel oil. Therefore, we would be very honored if we were to have the privilege of having some of your Science Department Faculty on our guest list for this event which is scheduled for Wednesday, November 6, 2013, at 6:00 pm. This evening's event would provide a great opportunity for our students to meet some of your faculty members and may inspire some of them to continue their educational careers at Drexel University.

If members of your Science Department Faculty are able to attend the event, then please have them RSVP by emailing Mr. Shannon W. Helzer at helzer@dboone.org. Please include the word "Algae/ Drexel University" in your subject line.

Also, we are asking anyone who can attend this event to WEAR GREEN.

Thank you,

Mr. Shannon W. Helzer

<http://www.dboone.org/teachers/Shannon%20Helzer/Pages/AcademicPhysicsHomework.aspx>

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