



# CogNotes

The Rotary Club of Swarthmore  
P.O. Box 4, Swarthmore, PA 19081



August 11, 2016

August is Rotary Membership Month

**Improving Lives in Communities**

Locally and Around the World for **over 75 Years**

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## Today's Program:

**Bill Hale, Ph D,** "The Greater Tragedy of Commons Dilemma Games with Regenerative and Exhaustible Resources."

## Table Grace

Amid the summer's heat and the suffocating humidity, we sweat and complain. Remind us. O God, as we pause here in your presence, of the miracle of the changing seasons that enriches and blesses our part of the world. Refresh us here in the coolness of this place and with the bounty of this food and friendship, that we may return to our tasks renewed to fulfill the work of this day in gratitude of heart. Amen.

## Coming Programs & Events

**Aug 18 Violinist Sylvia Durian,** Recipient of the SHHS Class of 2017 George H. Slick Fellowship of the Arts, will perform. (Mother is Andrea Liu)

**Aug 25 Dr Lisa Palmer,** the new Superintendent Wallingford-Swarthmore School District will speak.

*\*\*Know someone who has an interest in any of these topics? Invite them to the meeting!*

### Follow us online at:

[www.SwarthmoreRotary.org](http://www.SwarthmoreRotary.org)  
[www.Facebook.com/SwarthmoreRotary](http://www.Facebook.com/SwarthmoreRotary)  
[www.SwarthmoreFair.org](http://www.SwarthmoreFair.org)  
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## Last Meeting's Event: Rich Cairncross

Grease trap waste (GTW), what is it good for? Until recently I would have said "absolutely nothing". Rich Cairncross, Professor of Engineering at Drexel, told us GTW may be converted to biofuel if his research is successful. Restaurants have traps in their drain lines to collect grease so it doesn't go to the waste water treatment plant.

This greasy sludge, or "brown grease", is collected by outside firms and disposed of as waste. Rich has found that he can turn the grease into a fuel with a little processing. This project was suggested by a student a decade ago and has been continued by Rich and many of his students. Recently some of them have had the pleasure of collecting samples of brown grease to be used in the lab.



- (continued on reverse)

## The Pledge of Allegiance



## Four Way Test:

Of the things we think, say and do:

1. Is it the TRUTH?
2. Is it FAIR to all concerned?
3. Will it build GOOD WILL and BETTER FRIENDSHIPS?
4. Will it be BENEFICIAL to all Concerned?



## Guests:

None.

# Rio Olympics Medal Count 2016

## USA Adds to Lead in Golds and Overall Total



Country	Gold	Silver	Bronze	Total
1 United States	10	8	9	27
2 China	8	3	6	17
3 Australia	4	0	5	9

### DONATIONS NEEDED!

The CityTeam Ministries food pantry needs constant replenishing. If you can donate items such as: peanut butter, tuna fish...



**Please contact Cathy Darrell, who will transport any donated items.**

### Speaker: Continued from Front

Rich explained that the economic analyses of new processes such as converting brown grease to biofuel are very complex. Life Cycle Assessment, as he called it, looks at all steps in the process to determine if there is a net benefit. To make the analyses more complicated, factors such as the price of fuel and government policies are constantly changing. After the talk, some Rotarians related that grease and oil was collected on the home front during World War 2.

**Happy Dollars GRAND TOTAL for 2015-16: \$324!**



2015-2016 total: \$3,756  
2014-2015 total: \$3,168  
2013-14 total: \$2,493  
2012-13 Total: \$2,345

(18,711 Children Immunized)

All Proceeds go towards Polio Eradication.

### Service Quotation

**“The best way to find yourself is to lose yourself in the service of others.”**

- Mahatma Gandhi, Oct 1869 – Jan 1948 was the preeminent leader of the Indian independence movement in British-ruled India. Employing nonviolent civil disobedience, Gandhi led India to independence and inspired movements for civil rights and freedom across the world.

### Rotary Celebrations

#### Birthday:

Andrew Sullivan 8/12

#### Member Anniversary:

None

#### Wedding Anniversary:

None