



Rotary Club of Dalton Newsletter

<http://www.daltonrotaryclub.org>

This Week:

January 26
Director Program

Upcoming Meetings:

February 2
Jeff Myers
*Gary Howard - Hamilton
Cancer Institute*

February 9
Bob Kinard
Board Meeting

February 16
Patty Mooney

February 23
Director Program

Club Officers:

Jason Parker

President

Bruce Satterfield

President-Elect

Frank M. Hogshead

Secretary, Treasurer

David Aft

Immediate Past President

Teresa Carter

Club Administration Chair

John Hutcheson

Public Image Chair

Rick Cobb

Membership Chair

Janice Kiker

Community Service Chair

Scott Rhoden

Youth Service Chair

Kevin Brunson

Vocational Service Chair

Archana Srivastava

International Service
Chair

Greg Dent

Foundation Chair

PreVasive: the Future of Infection Control

By: John Hutcheson



Rotarian Dan Combs, Jr. introduced Scott Mullis of Firestar, Inc., sister company to Parker Young Construction of Atlanta and a 24/7 provider of emergency fire, water, mold mitigation, and storm damage services. Scott described the development and capabilities of PreVasive, a new pathogen control system which offers a means to disinfect objects and areas at lower cost but more easily and effectively than with other techniques.

The product of a multi-million-dollar research effort in both industrial and academic settings, PreVasive uses a photocatalytic protective sealant in conjunction with EPA-registered antimicrobials. When applied as a spray, it essentially becomes part of the destination surface, powered by light and lethal even to mutant microorganisms or "superbugs" which have become resistant to other disinfectants. PreVasive attacks its targets in three ways simultaneously—by cell wall decomposition, by cell oxidation, and through x-coenzymes. Using a specialized sprayer developed at Georgia Tech, it becomes an electrostatically charged mist which, much like water fog, actively seeks places to ground. While rooms sprayed with conventional fog disinfectants may need a waiting period of twelve to twenty-four hours before reoccupation, a room sprayed with PreVasive may be reoccupied in about five minutes. Surfaces must be clean before an application, but no wipe-down is necessary afterward. The result is high-binding, fast-acting, long-lasting, odorless (except for a slight lemon scent at the beginning of an application), and effective across a broad spectrum, killing 99% of the pathogens the CDC deems most troublesome. An area of 500 square feet may be treated in less than five minutes and one of 1,000 square feet in less than two hours. Reapplication needs can range from monthly to annually, depending on traffic and usage patterns.

PreVasive is non-flammable, anti-corrosive, and usable on delicate electronics or even organic materials. Composed of all-natural ingredients such as titanium oxide, silver nitrate, and citrates, it has the EPA's lowest toxicity rating. Although a gallon costs \$600, it will cover 10,000 square feet, making it competitive with rival products per unit of application. Currently used in many kinds of institutions in the U.S., Canada, and the Caribbean, it requires trained applicators, but a mass-market version for the general public is under consideration.

Birthdays & Anniversaries

Member Birthdays

Griffin, Ronald L (RON)	27-Jan
Carter, Teresa (TERESA)	28-Jan
Tharpe, Henry C. (HENRY)	1-Feb

Birthday

Partner Birthdays

Chappell, Bennieta
Weaver, Virginia

Member Name Birthday

Chappell, William J.	29-Jan
Weaver, William B	1-Feb

Member Anniversaries

	<u>Start Date</u>	<u>Years</u>
Hawkins, Jim R. (JIM)	1/27/2009	7
McClurg, Charles R. (RONNIE)	2/1/1989	27
Kinard, Dixie (DIXIE)	2/1/1996	20
Kinard, Robert W (ROBERT)	2/1/1981	35
Adcock, Don W. (DON)	2/1/1979	37
Cope, Don (DON)	2/1/1996	20
Wright, Thomas L (THOMAS)	2/1/1972	44

Wedding Anniversaries

No anniversaries this period.

Partner's Name Anniversary Years

