

ROTARY BEACON



The Morehead City Evening Rotary Club

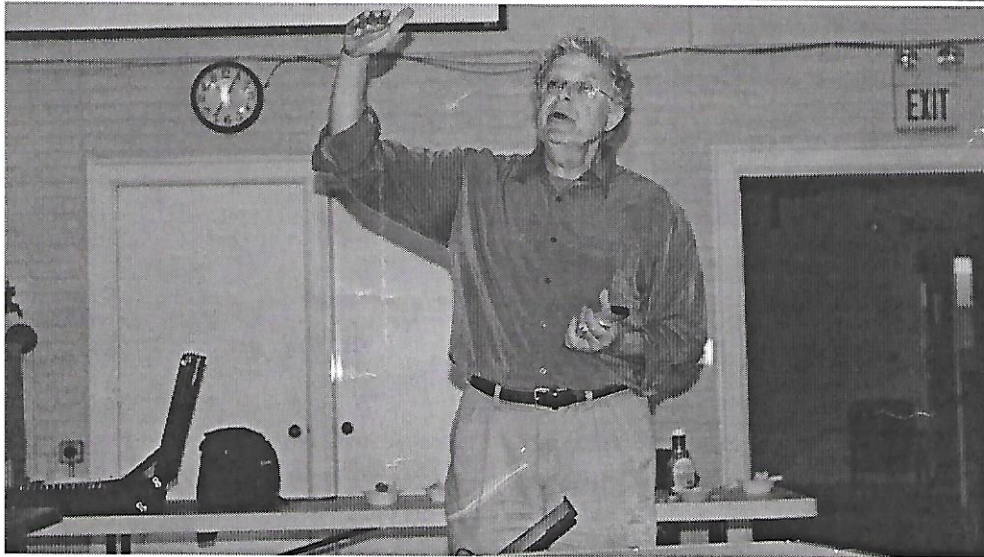
Chartered May 19, 1925



April 9, 2009

Rotary Motto: Service Above Self

Volume 3, Issue 34



Algal Blooms Are a Menace to Clean Water

Gloomy Forecast for Estuaries Lakes, Ponds and Rivers of NC

Last week Dave Lindsay had the program. His guest speaker was Hans Paerl, Professor of Microbial Ecology. Dr. Paerl studies the nutrient production dynamics of aquatic microbes at the base of the estuarine and coastal food webs, focusing on environmental controls of algal (planktonic and benthic) production, community structure and assessments of the causes and consequences of human-induced eutrophication of rivers, lakes, estuaries and coastal oceans.

The culprit seems to be nutrient overenrichment of waters by urban, agricultural, and industrial development. Excessive runoff of water promotes the growth of algal blooms which deplete oxygen in the water thus killing aquatic life and contaminating lakes, ponds, rivers, and estuaries.

Major research projects underway include investigations of:

(1) sources of excess nitrogen to the Neuse River basin, estuary and near shore waters, (2) the genetic potential and physiological controls of nitrogen fixation in two temperate, N-limited estuaries, (3) impacts of atmospheric nitrogen deposition on phytoplankton dynamics and eutrophication, (4) phytoplankton ecophysiological responses to changing N input dynamics in the Neuse River

Other projects include collaborative studies of the sources of "new" N responsible for new production and eutrophication in the Neuse River Estuary; the formation, function and microbiology of modern day stromatolites; the physical-chemical dynamics of cyanobacterial blooms in the Baltic Sea; and Antarctic lake ice microbial consortia.

Dr. Paerl's research is funded by NSF, NOAA, Sea Grant, EPA, USDA, DEHNR, the NC Water Resources Research Institute, the NC Clean Water Management Trust Fund and Weyerhaeuser. He heads the Institute of Marine Sciences' Microbial Ecology/Nutrient Cycling Laboratory and holds a joint appointment in the Department of Environmental Sciences and Engineering.

Morehead City Rotary Board of Directors

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<i>Matt Cleveland</i>	<i>Dave Lindsay</i>
<i>Darden Eure, Jr.</i>	<i>John Nelson</i>
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<i>Jim Garner</i>	<i>Herb Phillips</i>
<i>Albert Gaskil</i>	<i>Jim Phillips</i>
<i>Sonny Geer</i>	<i>Demus Thompson</i>
<i>Jim Gregson</i>	<i>Bill Ward</i>
<i>Rick Johnson</i>	

To Submit Articles to the Rotary Beacon

Call: 726-7460 (or)
Email: dickrogers28@yahoo.com

ATTENTION

District Governor Lee Dixon will visit our club May 14. The purpose of his visit is to present the The Morehead City Rotary Club with a banner inscribed:

**Morehead City Rotary Club
100% Paul Harris Fellows**

Tonight's Program

John Nelson has the program tonight.

Program Schedule for April/May

<u>Date</u>	<u>Rotarian</u>	<u>Ave. of Service</u>
April 16	Tom Noe	Inter. Service
April 23	Herb Phillips	Inter. Service
April 30	Jim Phillips	Inter. Service
May 2	Dick Rogers	Voc. Service
May 7	Demus Thompson	Voc. Service
May 14	James Walker	Voc. Service
May 21	Bill Ward	Voc. Service
May 28	Neil Whitford	Voc. Service

FIND YOUR TEAM

Alpha Team--Gregson, Jim
 Eure, Darden Jr 252-726-6498
 Freeman, Shelby 252-247-0545
 Ward, Bill 252-622-4446
 Walker, Jimmy 252-726-3754
 Boyette, Brian 252-725-4285

Beta Team--Rogers, Dick
 Dowty, Bet 252-726-7791
 Geer, Sonny 252-726-3814
 Nelson, John 252-726-4066
 Cleveland, Matthew 252-269-1150
 Whitford, Neil 252-726-1803
 Hall, David 252-726-3240

Team Leader--Harrell, Stanley
 Noe, Tom 252-726-3217
 Bradley, David 252-727-9322
 Reinfrow, Council 252-726-3667
 Phillips, Jim 252-726-2678
 Lindsay, Dave 252-726-4216

Team Won--Johnson, Rick
 Lewis, Earl 252-726-5525
 Phillips, Herb 252-728-3448
 Thompson, Demus 252-726-3977
 Garner, Jim 252-726-2478
 Chalk, Jim 252-726-8043

APRIL ANNIVERSARIES

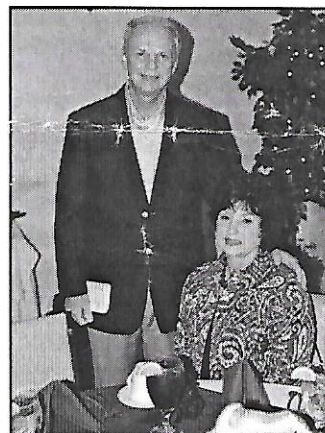
Jim & Miriam Phillips	April 7
Jim & Barbara Chalk	April 11
Sonny & Corinne Geer	April 21
Earl & Maxine Lewis	April 30



Jim & Marium Phillips

Marriage and Friendship

Marriage is the closest kind of friendship.
 Years of traffic wear away the lines
 Between two souls with similar designs,
 Ending more in unity than kinship.
 Separate actors must play separate parts:
 They must alone be riveted by need.
 Far beneath that soil a single seed
 Roots itself, tenacious in their hearts.
 In love there is a trust beyond the word.
 Each finds peace in each, as though the light
 Needed the tranquility of night,
 Deeper than what silence can be heard.



Jim & Barbara Chalk

Ace of Spades Drawing Tonight's Jackpot

\$440.00



40 Cards
Remaining in Deck

HAPPY BIRTHDAY

John Nelson

March 28

<u>Club</u>	<u>Day</u>	<u>Time</u>	<u>Location</u>
Beaufort Old Towne	Mon	12:00 noon	Clawson's
MHC.Lookout	Wed	7:00 am	Carteret Gen. Hospital
MHC. Navigators	Wed	12:00 noon	Bountiful Bagel
MHC. Noon	Tues	12:00 noon	Golden Corral
MHC. Soundview	Thur	12:00 noon	Golden Corral
After Hour's	Thur	6:00 pm	Raps
Newport	Mon	6:30 pm	Rotary Building
Swansboro	Thur	1:00 pm	Rotary Civic Center
Online	Any Day	Any Time	rotaryclubone.org

ANNOUNCEMENTS

- * Tom Noe has the program and silent auction next week.
- * The GSE Team will visit our club April 30. The After Hour's Rotary Club will meet with us. Host families are still needed to house the team. Any volunteers?
- * On May 2 the Morehead City Rotary Club will plant a tree in Rotary Park in honor of Darben Eure Sr. Time not yet determined.
- * Three teams have selected names so far. The Greek alphabet seems to be popular.