



The Spindle

THE ROTARY CLUB OF MARION OHIO
P.O. BOX 1091
MARION, OH 43301-1091

August 20, 2019

Thomas W. Blaine, PhD Associate Professor, Ohio State University

Global warming is a subject that causes people to ask a lot of questions. When scientists inform the public that humans are causing global temperatures to rise, one of the first set of questions is: Hasn't global temperature always fluctuated? After all, the glacial grooves at Kelley's Island prove that Ohio was once covered with ice. Something caused that global cooling, and when the ice age ended, something caused massive global warming – and none of it was humans. So why the concern about global warming now? Isn't it likely that the warming is natural and not caused by humans at all?

“These are all great questions, and the public deserves answers to them,” said Thomas W. Blaine, Associate Extension Professor with Ohio State. “The way that I structure my presentation brings a lot of satisfaction to audience members who do not believe these kinds of questions have been adequately answered or explained by the scientific community. I present a history of earth's climate, explaining why temperatures have fluctuated so much in the past. We go over the era of the dinosaurs, the ice ages, you name it, we cover it. It turns out that audiences just love learning about Earth's natural history – it's a lot of fun.”

Another set of questions goes like this, “Hasn't Earth been much warmer than it is now for most of its history? If that is true (and it is), then why worry about a few degrees warming in the next 50-100 years?” “Again, the fact that Earth is currently in an ice-house as opposed to its normal condition of a hot-house, is something that I carefully explain in my presentation. How these changes came and went is something on which I focus as well. It answers a lot of questions people have. This is important, not only because it clears up a lot of the confusion about what is at stake now, but it also gets people interested in science. How many potential budding young scientists do we have in Marion County? You just never know what kind of experience is going to direct someone to go to Ohio State or another university and come out with a PhD in Physics, Chemistry, Biology, or another great field. Basically, I think that any program that increases scientific literacy among the public is a good thing. That's why I went into Extension.”

Having grown up along the Ohio River, Dr. Blaine has a strong connection to the entire region. Dr. Blaine holds BA, MS, and PhD degrees from the University of Kentucky and was on the graduate faculty at Texas A&M University before joining Ohio State University Extension in 1995.

“Service Above Self”

PLEASE NOTE FOR ALL MAILINGS TO THE CLUB PLEASE USE THE PO BOX 1091,
MARION, OH 43301-1091

President
Rob Howard
B - 740-382-9546
H - 740-994-3996
rmhoward95@gmail.com

President Elect
Deb Alspach
B - 740-223-4060
H - 740-389-3039
dalspach@frontier.com

Treasurer
Gary Branson
B-740-383-9701
H-614-746-9571
gbranson@marionlibrary.org

Secretary
Patti Garner
B - 740-382-9737 C: 740-360-1731
pattig341@frontier.com

Marion Rotary Club Website: www.marionohrotary.org

Board of Directors

Term Expires – June 30, 2020
Rob Howard
Bev Ford
Immediate Past President – Dean Jacob

Term Expires – June 30, 2021
Gary Iams
Carol Garverick

Term Expires – June 30, 2022
Amber Wertman
Deb Alspach

Term Expires – June 30, 2023
Vickie McClellan
Dan Wigton

Past Presidents

1922 Fred E. Guthery*	1948 D.W. Brickley*	1974 John P. Courtney	2001 W. Michael Springer
1923 Arthur J. Berry*	1949 William F. Ehrick*	1975 Frederick T. Merchant*	2002 J. Weston Jones
1924 Josiah Bindley*	1949 A. Merle Hamilton*	1976 John C. Keggan	2003 Nick R. Chilton
1925 Carl Sawyer*	1950 Carl H. Knirk*	1977 Jacob S. Fuller*	2004 Scott Yancey
1926 Charles B. King*	1951 Francis B. Huber*	1978 James P. Waddell	2005 Ted M. McKinniss
1927 Jesse H. Mason*	1952 Carroll H. Bachelder*	1979 Robert J. White*	2006 Ted B. Babich
1928 Clarence O. Brown*	1953 James S. Greetham Sr.*	1980 David L. Miller	2007 Ronald J. Scharer
1929 James Crawmer*	1954 Odell Thompson*	1981 Donald G. Hall	2008 Fran Voll
1930 Levi Stang*	1955 Ralph Howard*	1982 Theodore B. Myers*	2009 Kathy S. Masters
1931 Don A. Howard*	1956 Lewis Ashworth*	1983 John C. Bartram	2010 Brooks K. Brown
1932 Earl N. Hale*	1957 Vernon L. Street*	1984 D. Warren Brown*	2011 James S. Barney
1933 Dr. Eben L. Brady*	1958 Jack A. Maxwell*	1985 Francis E. Hazard	2012 Howard Smith
1934 James E. Frew*	1959 Dr. Charles W. Wilson*	1986 Lowell E. Thurston	2013 Scot Gray
1935 Gene Hill*	1960 Theodore L. Hufert*	1987 Lyle H. DeVilling*	2014 Dave Claborn
1936 W.D. Brown*	1961 Paul W. Kohler*	1988 John M. Conrath	2015 Donald Stone
1937 Edgar W. Barnhart*	1962 C. Robert Martin*	1989 Douglas Loudenslager	2016 Gary Branson
1938 Dr. Otis M. Young*	1963 George K. Brown*	1990 Charles Garvin	2017 Kit Fogle
1939 John J. Stafford*	1964 Francis W. Hamper*	1991 Thomas A. Frericks	2018 Dean Jacob
1940 George Planck*	1965 Donald J. Yoder*	1992 Fred K. White	
1941 John K. Bartram*	1966 J. Arthur Hamilton*	1993 John W. Scharer	
1942 Wilson Tway*	1967 Phillip W. Smith*	1994 William L. Young	
1943 Edward E. Holt*	1968 Everett H. Granger*	1995 James C. Beaver	
1944 Adrian F. Busick*	1969 Paul E. Lyon*	1996 Gary K. Sims	
1945 Wendall Wiant*	1970 Robert W. Wopat*	1997 G. Scott Drew	
1946 Alfred Donithen*	1971 Marion E. Shank*	1998 F. Dominic Dottavio	
1946 Henry A. Mickley*	1972 John L. Ashworth	1999 S. Elaine Merchant	
1947 Frank M. Foster*	1973 Robert C. Ludwig	2000 Robert H. Thiede	

*Deceased

Past District Governors

1949 Henry A. Mickley*

1962 Wayne H Kuhn*

1969 Francis W. Hamper

1989 Lowell E. Thurston