

Request for Promotion to the Rank of

EMERITUS PROFESSOR
Department of Ag/Agbusiness

Thomas K. Cadwallader

1. Position at time of Retirement: Agricultural Development Educator, Lincoln and Marathon Counties

2. Faculty Appointments:

- Professor – 2000
- Associate Professor – 1994
- Assistant Professor – 1988

3. Faculty Membership and Committee Involvement:

	<u>Affiliation</u>	<u>Year(s)</u>
a. Department of Ag/Agbusiness	Faculty Member	1988 – 2011
b. Department of Ag/Agbusiness Professors Committee	Member/Chairman	2006 – 2011
c. Department of Ag/Agbusiness Administrative Committee	Central District Vice-Chair	2004 – 2011
d. Department of Ag/Agbusiness SRP Committee	Member	2004 – 2006
e. Faculty Senate	Member	1999 – 2001

4. Recent Professional Organizations Relevant to the Department:

	<u>Affiliation</u>	<u>Year(s)</u>
a. Epsilon Sigma Phi – National Extension Fraternity	Member	1993 – 2010
b. National Association of County Agricultural Agents	Member	1989 – Present
c. Wisconsin Association of Agricultural Agents	Member	1989 – Present
d. Association for International Agricultural and Extension Education	Member	2008 – Present

5. Educational Programming:

Since joining the Faculty of the Department of Ag/Agbusiness in 1988 my work has steadily evolved to meet the changing needs of the communities I served. Over that time there were three major pieces of work in which I created curriculum and educational events, published articles and papers to support and report on the work to a broader audience and developed professional development opportunities for colleagues. The three areas are management intensive grazing, agricultural land use planning and the development of the agribusiness incubator project. All of this work was set into motion by an in depth producer survey conducted in 1990 called the Lincoln County Dairy Farm Survey. The interview survey was done on a randomly selected list of 25% of the county's dairy farmer which discovered several important factors that needed to be addressed if dairy would remain in the community: a low cost, labor efficient production model for start-up farms, some assurance that farmland would be available and a support system for new farmers.

Throughout my career with Extension I have done a considerable amount of ag development work internationally, allowing me to develop and extend my expertise as a faculty member with UW-Extension; work that I will be continuing on with. I've done 20 different projects in 10 different countries with a particular emphasis on farm management and organizational development.

A. Management Intensive Grazing:

- I began my work with management intensive in 1993 by hosting the first two-day, hands-on “Grazing System Workshop” in Wisconsin. It was the beginning of an effort that has grown statewide and has been taken over by grazing specialist and extension educators throughout the state. The impact locally has been huge. In my 2009 success story I summarized the work over the previous decade of the local grazing network I co-founded with local graziers.
- Between 1998 and 2008 the network helped get nearly 11, 000 dairy cows and 6,000 beef cows into being raised in management intensive grazing systems, bringing in \$35 million to the local economy. We helped get 46 new dairy farms started and 48 new beef farms. The grazing network, which has combined teaching both the technical and financial management systems approach to grazing, has not only helped to provide an affordable entry path into farming it has helped to conserve soil. On the 14, 273 acres under management intensive grazing we’ve reduced the sediment losses by 28, 546 tons and 57, 128 pounds of phosphorus, all with animals doing the work, saving on both fuel and capital costs.
- The series of electric fencing basics papers that I wrote at the beginning of my work, Cadwallader, T., D. Cosgrove, UWEX Fencing Systems Series, Team Forage Website, <http://www.uwrf.edu/grazing>, 2006, continues to be used by farmers, educators and grazing advisors around the country.

B. Land Use Planning:

- On December 20, 2004 Lincoln County Board of Supervisors adopted, on a 17-4 vote, a comprehensive revision of its Zoning Code. The new Zoning Code was a major component of the implementation plan of the Lincoln County Comprehensive Plan adopted in 2002, the first Smart Growth Compliant county plan in the state. My work with land use began in 1997 when I took on the leadership of the Lincoln County GIS Department Heads work group charged with implementing the county’s land records modernization plan. My goal was to have mapping technology that farmers could use in land use planning. I was involved with providing technical resources, group facilitation, survey development and analysis, and developing plan and code language for agriculture.
- During this time I helped create and act as co-Chair of the ANRE Agricultural Land Use Team and was involved in creating the town level land use data used by colleagues throughout the state and helped in the review and publication process of the “Planning for Agriculture” publication authored by Douglas Jackson-Smith.
- To summarize the work I co-authored the paper, “Fostering Public Engagement in Local Land Use Planning Recodification Projects: A Case Study from the University of Wisconsin-Extension, Lincoln County”, Journal of Higher Education Outreach and Engagement, Vol.11-No.1, Page 37. 2006, with my colleague Art Lersch.

C. Agribusiness Incubator Project:

- The Lincoln and Marathon County Agribusiness Incubator Project, a UW-Extension facilitated project that began in 2003, successfully hatched its first new farm in 2007, a year ahead of schedule. The Guralski-Martin Incubator not only successfully started a new farm it modeled several different farm transition concepts. It also provided the basis for a model sharemilking limited liability company currently being used by the USDA-NIFA funded Wisconsin Dairy Apprenticeship program which has grown out of this pioneering work. A complete summary of the Incubator Project can be found at <http://marathon.uwex.edu/agriculture/featured-programs/agribusiness-incubator>. Because of my foundational work for the Apprenticeship program I will be serving on the steering committee for the next two years.