



Vol. 55, No. 2• June 2011

a publication of the NORTH AMERICAN COLLEGES AND TEACHERS OF AGRICULTURE

2010 - 2011 NACTA Officers

President Kirby Barrick

Dept of Ag Ed & Comm, PO Box 110540, Gainesville, FL 32611 Ph: 352.392.0502, Fax: 352.392.9585 Email: kbarrick@ufl.edu

Immediate Past President Mike Mullen

University of Kentucky, Associate Provost for Undergraduate Education, 217 Funkhouser Bldg Lexington, KY 40506-0054, Ph: 859.257.3027 Fax: 859.257.5212, mike.mullen@uky.edu

Regional Directors

Canadian Director

Kwantlen Polytechnic University, 12666 72nd Ave, Surrey, BC, Canada, Ph: 604.612.1252 Fax: 604.599.3201, Email: Kent.mullinix@kwantlen.ca

Canadian Director-elect Martin Zuidhof

University of Alberta, Dept of Ag, Food Nutritional Science, # 4-10 Ag Forestry Center, Edmonton, AB Canada T6G 2P5, Ph: 780.248.1655, Fax: 780.492.4265, Email: Martin.zuidhof@ualberta.ca

Central Director Bonnie Walters

University of Wisconsin-River Falls, 410 S 3rd St, River Falls, WI 54022, Ph: 715.425.3704 Fax: 715.425.3785, Email: Bonnie.s.walters@uwrf.edu

Central Director-elect Kevin Bacon

Western Illinois University, Dept of Ag, 1 University Circle, Macomb, IL 61455, Ph: 309.298.1084, Email: kj-bacon@wiu.edu

Eastern Director Tracy Hoover

Penn State University, Dept Ag & Ext Ed, 114A Ferguson Blvd, University Park, PA 16802, Ph: 814.865.1688, Fax: 814.863.4753 Email: Tsh102@psu.edu

Southern Director Jeff Hattey

Oklahoma State University, Dept of Plant & Soil Sci., 368 Ag Hall, Stillwater, OK 74078 Ph: 405.744.9586, Fax: 405.744.5269 Email: Jeff.hattey@okstate.edu

President Elect Jeannette Moore

North Carolina State University, Dept of Animal Science, Box 7621, Raleigh, NC 27695-7621, Ph: 919.515.4010, Fax: 919.515.8753 Email: jeannette_moore@ncsu.edu

Secretary-Treasurer Marilyn B. Parker

151 West 100 South, Rupert, ID 83350, Ph: 208-436-0692, Fax: 208-436-1384, Email: NACTAsec@pmt.org

Journal Editor Rick Parker

151 West 100 South, Rupert, ID 83350, Ph: 208-436-0692, Fax: 208-436-1384 Email: ricpar@pmt.org

Western Director Tracy Dougher

Montana State University, Dept Plant Sci & Plant Path, PO Box 173140, Bozeman, MT 59717, Ph: 406.994.6772, Fax: 406-994.1848 Email: tracyaod@montana.edu

Committee Chairs

Journal Awards:

Neil Douglas, Berea College, Kentucky **Membership & Public Relations:** Ron Hanson, University of Nebraska - Lincoln **Educational Issues and Teaching Improvement:** Ann Marie VanDerZanden, Iowa State University **Teacher Recognition:**

Prasanta Kalita, University of Illinois Book Review and Instructional Media Review: Greg Pillar, Queens University of

Greg Pillar, Queens University of Charlotte, NC

International Comte Chair:

Mark Russell, Purdue University and Chris Morgan co-chair, University of Georgia **NACTA Foundation Advisory Council:**

Mike Mullen, University of Kentucky

Liaisons

NACTA Judging Contest

Lyle Westrom, University of Minnesota, Crookston

Delta Tau Alpha Jean Gleichsner, Fort Hays State University, KS **AASCARR** Kevin Bacon, Western Illinois University

APLU Jean Bertrand, University of Georgia CFAVM & CADAP

Kent Mullinix, Kwantlen Polytechnic University, Surrey, BC **CAPICU**

Foy Mills, Abilene Christian University, TX

Historian

James McKenna Virginia Tech, 235 Smyth Hall, Blacksburg, VA 24061, Ph: 540-231-6305, Fax: 540-231-3431, Email: jamckenn@vt.edu

Membership Director

Ron Hanson

University of Nebraska, 204A Filley Hall, PO Box 830922, Lincoln, NE 68583-0922, Ph: 402-472-2055, Fax: 402-472-3460, Email: Rhanson1@unl.edu

NACTA Foundation Director Thomas J Lindahl

295 Flower Court, Platteville, WI 53818, Ph: 607.348.6628, Cell: 608.778.1074, Email: lindahl@uwplatt.edu

Journal Review Board

Kevin Bacon, Western Illinois University Andrew Barkley, Kansas State University Melanie Bayles, Oklahoma State University Jean A. Bertrand, University of Georgia Deborah Bridges, University of Nebraska-Kearney

Donald Briskin, University of Illinois Ed Brokaw, Abilene Christian University Tim Buttles, University of Wisconsin-River Falls Ken Casavant, Washington State University Naveen Chikthimmah, Penn State University Norma Dawkins, Tuskegee University, Alabama Tracy Dougher, Montana State University Levon Esters, Purdue University John Ewing, Penn State University Chad Gasser, Southern Utah University Mark Headings, Ohio State University, ATI Aaron Hegde, California State University, Bakersfield

William Hoch, Montana State University Mark Hubbard, College of the Ozarks David Knauft, University of Georgia Mickey Latour, Purdue University Sha Li, Alabama A&M University Florah Mhlanga, Abilene Christian University Douglas Malo, South Dakota State University Greg Miller, Iowa State University Kimberly Moore, University of Florida Justin Moss, Oklahoma State University Kent Mullinix, Kwantlen Polytechnic University Don Mulvaney, Auburn University Carol O'Neil, Louisiana State University Dana Penrice, University of Alberta Greg Pillar, Queens University of Charlotte, NC Shea Porr, Virginia Tech Shannon Pratt, North Carolina State University Rebecca K. Splan, Virginia Tech Tammy Stephenson, University of Kentucky Daniel Tilley, Oklahoma State University Shweta Trivedi, North Carolina State University Deb Vanoverbeke, Oklahoma State University Cheryl Wachenheim, North Dakota State University Maud Walsh, Louisiana State University Larae Watkins, University of Central Missouri Gary Wingenbach, Texas A&M University

Curtis Youngs, Iowa State University NACTA Journal • June 2011



Vol. 55, No. 2 · June 2011

NACTA Journal (ISSN 0149-4910) is published quarterly by the North American Colleges and Teachers of Agriculture (formerly the National Association of Colleges and Teachers of Agriculture). It is directed toward the scholarship of teaching and learning in agricultural, environmental, natural and life sciences by presenting articles covering topics that treat all aspects of teaching such as methods, problems, philosophy, and rewards at the college level. All manuscripts undergo doubleblind peer review. An author's guide for manuscript preparation is available on the NACTA web page: http://www.nactateachers.org/ or are available upon request. Page charges of \$75.00 per manuscript are waived if one of the authors is a NACTA member at the time of publication.

All manuscripts submitted to the *NACTA Journal* are submitted and reviewed electronically. To submit a manuscript to the *NACTA Journal*, go to this website:

http://nacta.expressacademic.org/

Annual subscriptions (\$USD): Library: \$50.00; Institutional Active (your institution is a member): \$75.00 or \$200 for three years; Active: \$100.00 or \$275 for three years; Graduate Student: \$25.00; Emeritus: \$25.00; and Institutions: \$150.00 (4-year schools) and \$100 (2-year schools). Lifetime members one payment of \$750 or 4 payments of \$200. For questions about subscriptions contact the NACTA Secretary/Treasurer.

The Journal is published electronically/online and quarterly - March, June, September and December. The issues for the current year are available to NACTA members at this website: http://www.nactateachers.org/journal.html, a login and password obtained through membership is required.

Searchable past issues of the NACTA Journal are available to anyone at the same website – no login or password required.

A yearly hard copy of all four issues is printed in December and is available for purchase through Lulu.com.

Permission is granted for making individual copies of the contents of this issue if the *NACTA Journal* is fully cited as the source and full recognition is given to the authors.

The North American Colleges and Teachers of Agriculture (NACTA) is not responsible for statements and opinions published in the *NACTA Journal*. They represent the views of the authors or persons to whom they are credited and are not necessarily those of the Association. The publication of research information by the Association does not constitute a recommendation or endorsement of products or instrumentation involved.

> **Rick Parker, Editor** nactaeditor@pmt.org

Interview of the profession of

the professional journal advancing the scholarship of teaching and learning in agricultural, environmental, natural, and life sciences

© 2011

Contents

Adding Value to AAAE Professional Conferences for Agricultural Education Graduate Students.......14-20

Post-Secondary Agricultural Teaching Faculty Need for a Methodologies Resource Sharing Web Site21-25

Communicating Strategically with Generation Me: Aligning Students' Career Needs With Communication about Academic Programs and Available Careers...... 32-39

Relationships of Learning Styles, Grades, and Instructional Preferences......40-45

The Impact of Audio Technology on Undergraduate Instruction in a Study Abroad Course on English Gardens......46-53

Assessment of Graduate Student Productivity and Satisfaction54-60

Ten Years into the 21st Century Core Curriculum: Our Experience, Insight, and Future61-70

Lessons Learned in an International Service-Learning Collaborative: Shea Butter Case Study......71-77