

Gregory J. Cuomo

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Education

Ph.D., Agronomy, University of Nebraska-Lincoln, 1992
M.S., Range Science, Texas Tech University, 1988
B.S., Range Science, Texas A&M University, 1984

Positions Held

Utah State University, College of Agriculture and Applied Sciences (CAAS)

Interim Dean – College of Agriculture and Applied Sciences August 2024 – present

Leadership and administrator oversight for an interdisciplinary college, including responsibility for all academic and operational units. The college is home to 217 faculty across eight departments that span animal and plant sciences to aviation and technical programs with stackable degrees and 2880 undergraduate and 400 graduate students.

Associate Dean for Research and Graduate Programs 2022 – present

Leadership and administrative oversight for CAAS research portfolio with \$43 million in grant funding in 2024, graduate education encompassing 7 MS and PhD programs in diverse disciplines.

Associate Director, Utah Agricultural Experiment Station (UAES) 2023 - present

Provided leadership and oversight of USUs relationship with the United States Department of Agriculture (USDA). Responsible for \$1.3 million in targeted funding through RFPs. Service on the Western Region Executive Committee and the USDA Science and Technology Committee.

University of Minnesota, College of Food, Agricultural and Natural Resource Sciences (CFANS)

Associate Dean for Research and Graduate Programs 2014 – 2022

Leadership and administrative oversight for CFANS research portfolio with \$68 million in annual grant funding, graduate education encompassing 13 MS and PhD programs in diverse disciplines.

Deputy Director, Minnesota Agricultural Experiment Station (MAES) 2014 – 2022

Primary liaison between the University and USDA. Responsible for \$7.1 million in capacity funds and \$3.5 million in targeted research funding annually. Past Chair of the North Central Region Association Executive Committee. Responsible for the St. Paul campus research land, Plant Growth Facilities and Biosafety Level 2 and Level 3 Facilities.

Division Head, Research and Outreach Center (ROC) System	2011 – 2022
Provide leadership, oversight, and strategic direction for 10 ROCs across Minnesota encompassing more than 10,000 acres of land, 20 resident faculty and over 140 research support staff with an annual budget of \$20 million.	
Director of Operations, Rosemount Research and Outreach Center	2006 – 2008 & 2011 – 2022
Responsible for research, education, and production activities, and coordination with local municipalities, the Minnesota Department of Natural Resources, external mining groups, and the University’s Real Estate Office.	
Associate Dean for Extension	2008 – 2011
Director of Space, Facilities and Safety for CFANS	2010 – 2016
Head, West Central Research and Outreach Center &	2000 – 2006
Administrator, Sand Plain Research Farm (2005-2006)	
Professor, Department of Agronomy and Plant Genetics	2005 – 2022
Associate Professor 1999 – 2005	
Assistant Professor 1996 – 1999	

Louisiana State University

Assistant Professor **1992 – 1996**

Professional Profile

Academic

- Education emphasis in Range Science and Tallgrass Prairie
- Research and Outreach emphasis in forages and grazing systems
- Managed Mississippi and Louisiana Forage Quality Laboratory
- Leadership in Minnesota and Louisiana Forage and Grassland Councils

Administrative

- Multiple administrative leadership responsibilities at Utah State University (CAAS), the University of Minnesota (CFANS), and the Association of Public and Land-Grant Universities (APLU) and Extension
- Collaborative approach to building consensus, identifying shared values, and creating a unified vision for the future
- Focus on application of the “good works” of the University
- Philosophy of taking a systems approach to societal issues
- Align initiatives with university and governmental direction and strategies

Leadership Highlights

Utah State University

Interim Dean: Guiding the restructuring and realignment of collegiate departments and programs. Creating a roadmap to ensure future access to and delivery of high-quality academic programs throughout the USU system, with a focus on excellence in General Education. Effectively managing financial and personnel resources in the college. Supporting the professional growth and development of faculty and staff, including recruitment, retention, and promotion of faculty.

Research Capacity: Positioning resources to enable researchers to be competitive in attracting funding is imperative to the success of Land Grant Universities. My efforts as Research Associate Dean focus on providing support, resources, and tools to strengthen advantages that exist in CAAS and at USU. I lead efforts to develop a foundation for long-term granting success and increasing research expenditures that included hiring two grant support specialists and creating a Research Resources Guide. I also led an effort to develop a biweekly Research Funding Update with training and award opportunities.

Enhancing the graduate student experience: I've led initiatives to establish a CAAS Graduate Student Board to increase student engagement and set a \$2,000/month minimum stipend for grant-supported Research Assistantships. I implemented the CAAS Excellence in Advising program, that includes Graduate Student Mentoring Agreements and Advising Workshops for early-career faculty. I also co-lead the establishment of a university-wide Associate Dean for Graduate Studies working group. These efforts collectively aim to create a more supportive and consistent environment for graduate students.

Manage Utah Agricultural Experiment Station: I am responsible for four internal USU RFPs and am part of the USDA's Experiment Station Committee on Organization and Policy's National Science and Technology Committee and the Western Association of Agricultural Experiment Station Directors.

Leadership and Communication initiatives: I created a Research Advisory Committee, consisting of high-performing early and mid-career faculty. This committee enhances communication between faculty and administration, serves as a platform for leadership development and succession planning, and contributes to long-term career retention efforts. I also instituted monthly department head meetings to enhance communication between associate deans and department heads.

University of Minnesota

Research Capacity: As the Research Associate Dean in CFANS at the University of Minnesota I led efforts to develop leadership and professional development opportunities for early/mid-career faculty. I also established a Bridge and Development competitive funding program, addressing funding gaps between competitive grants and providing seed funding for new initiatives. Other efforts to augment research capacity, including implementing in-field wireless access in numerous research fields across the St. Paul campus. Additionally, I unified St. Paul campus Growth Chambers into a single, integrated, and managed system. I also initiated an eROC (electronic ROC) initiative spanning 10 ROCs (Research and Outreach Centers) across Minnesota. This initiative connected innovations in data, sensors, remote sensing, and imaging technologies with land-based research resources at the ROCs.

Effective Public/Private Research Partnerships: In the face of escalating research costs and uncertain state and federal funding, securing new and sustainable sources of long-term funding is essential for mission-oriented research. I led the development of an initiative to establish a mutually beneficial, on-campus partnership with PepsiCo. This collaboration was originally focused on opportunities for

collaborative research in the precompetitive space, initially focusing on oat rust and potato genetics. The success of this endeavor has led to the expansion of the relationship to encompass research projects across the University of Minnesota.

Renewable Energy Research and Demonstration Center: In the early stages of my administrative career, I took the initiative to develop and oversee the University of Minnesota's Renewable Energy Research and Demonstration Center at the West Central Research and Outreach Center in Morris, MN. The center currently features a 1.65 MW wind turbine, a wind-to-hydrogen-to-anhydrous ammonia production system, waste heat and water recycling systems in swine and dairy housing, and a Biomass Heating and Cooling Facility serving the adjacent University of Minnesota-Morris campus. All components are specifically designed to facilitate research and education on new and emerging technologies. Since its inception in 2003, this project has garnered nearly \$30 million in state, federal, and private funds.

Diversifying CFANS: The University of Minnesota and CFANS, like many midwestern land-grant universities, faces challenges in diversifying their student body and faculty. I initiated a \$500,000 annual graduate fellowship program to recruit students of color, resulting in 68 filled fellowships. The funds provide a fellowship stipend, professional development funds, and funds to participate in a cohort-based University-wide Summer Institute providing a supportive and welcoming environment in which these students could thrive. This pilot led to additional Provost's Office support for undergraduate scholarships and postdoc initiatives, creating a pipeline for faculty diversity in CFANS. I also initiated programs that focused on underserved communities on campus, the LGBTQ community, women in science, individuals with hidden disabilities and initiated a program to improve onboarding of international graduate students to help ensure their success.

Graduate Program Successes: Having responsibility for 13 diverse graduate programs in my role as Associate Dean for Graduate Programs, I led the development and implementation of best practices in graduate student advising. We provided training for faculty in creating and utilizing Personal Advising Statements. We also gave considerable attention to addressing mental health and isolation issues for graduate students and postdocs. This included training all Graduate Program Coordinators as certified mental health advocates and advocating for increased mental health and disability resources on the St. Paul campus. During my tenure, I also established Graduate Student and Postdoc Boards, enhancing visibility, and amplifying the voices of these vital university populations.

Experiment Station System - Leading Change: I provided leadership, oversight, and strategic direction for 10 Research and Outreach Centers (ROCs) across Minnesota include more than 10,000 acres of land, 20 resident faculty, 140 research support staff and a \$20 million annual budget. I led a long-term transition from individual, autonomous centers to a unified system. This included an external review that led to a shared services model for Finance, Operations, Communications, Human Resources, and Grant Support. With fewer faculty stationed at ROCs, I also transitioned Center oversight to non-faculty leadership, preserving academic capacity for mission focused research and engagement. This effort was driven by financial realities, but also led to expanded value to new stakeholders, coordinated outreach efforts, and led to an effort to engage in recruiting undergraduate students for the college and University as a whole.

Establishing a CFANS Asset Management Presence in the University: In an academic institution as large as the University of Minnesota, it is difficult to keep operational and academic needs connected. I led an effort to establish and communicate CFANS' needs to University level decision makers. I developed a priority strategy for the state legislature's Higher Education Asset Preservation and Repair (HEAPR) funds, specifically targeting refurbishment of high-use CFANS buildings on the St. Paul campus. Infrastructure needs at ROCs are often overlooked due to their off-campus locations. To address this, I initiated a self-funded Facilities Condition Assessment for the ROC System. This led to a significant increase in HEAPR allocation for CFANS ROCs, from 0.85% to 2.28% of the University's total HEAPR funds. Put another way, if \$40 million dollars were allocated to the University for HEAPR, the ROC system would go from receiving \$340,000 to receiving \$912,000. I also established internal loans and external equipment leases to aid faculty and units in obtaining necessary research equipment cost effectively.

Committees and Other Professional Activities

Administrative Oversight

- USU-UAES grant allocation and reporting for Public Lands Initiative, Extension Water Initiative and Seed and Equipment grants, \$1.3 million/yr (2024 – present)
- Minnesota Aquatic Invasive Species Research Center (2017 – 2022)
- Minnesota Invasive Terrestrial Plants and Pests Center (2017 – 2022)
- UMN-CFANS Conflict of Interest compliance (2014 -2022)
- UMN-MAES Highly Pathogenic Avian Influenza Experiment Station; organized and led 2015 UMN response
- UMN-MAES grant allocation, reporting and compliance for Rapid Agricultural Response Fund, Avian Influenza, Small Grains Initiative and Forever Green Research RFPs, \$3.5 million/yr
- Parker Sanders Trust Oversight Committee (member 2000 – 2022, oversight 2011 – 2022)

Select Current and Recent Committees

National and Regional

- National Experiment Station Committee on Policy (ESCOP) Science and Technology Committee (2024 – present)
- Western Association of Agricultural Experiment Station Directors – Utah representative (2024 – present)
- Agricultural Experiment Station – North Central Regional Association, Executive Committee (2017 – 2021; Chair 2020; past-Chair 2021)
- Agricultural Experiment Station – Multistate Research Committee (2015 – 2019; Chair 2018-2019)
- University Industry Consortium 2014 – 2020; responsible for hosting in 2016
- APLU Board of Agriculture Assembly Study of Infrastructure and Deferred Maintenance Study – Sightlines; review committee member

University

- Council of Research Associate Deans – USU (2022 – present)
- Graduate Associate Deans Committee – USU (2023 – present)
- Utah State University Office of Research – Grant and Award Review Committees (2022 – present)
- Council of Research Associate Deans – UMN (2014 – 2022)
- Graduate Associate Deans Committee – UMN (2014 – 2022)
- University of Minnesota Senate Research Committee – ex-officio member (2014 – 2022)
- University of Minnesota Ethics Day Planning Committee (2017 – 2022)
- Five-years Forward Committee for the Vice President for Research – UMN (2019 – 2020)
- Facilities Management Senior Director Search Committee – UMN (2015)
- University Enterprise Asset Management – pilot project – UMN (2014 – 2015)
- Obesity Center Deans Review Committee – UMN (2015)
- UMore Park Technical Committee – UMN (2014 – 2022)
- University Higher Education Asset Preservation and Renovation Committee – UMN (2011 – 2014)
- CFANS/College of Biological Sciences Merger Task Force – UMN (2013 – 2014)

Collegiate

- CAAS Administrators – USU (2022 – present)
- Extension/CAAS/UAES Associates Committee – USU (2022 – present)
- UAES Farm Managers – USU (2024 – present)
- Crop Variety Review Committee – UMN (2014 – 2022)
- Brokered Horticultural Research Center Management and Oversight agreement between Minnesota Landscape Arboretum and Department of Horticultural Sciences – UMN (2019)
- Fund Management of Atkins Gift – UMN (\$12 million)
- Oversight for development of inaugural CFANS integrated grad/undergrad program (4+1/3+2) in Nutrition and Applied Plant Sciences – UMN (2015 – 2016)
- Initiated ROC Network Farm and Research Managers working group – UMN (2015 – 2022)
- Minnesota Nursery Research Committee – UMN (2015 – 2022)
- Water Resource Center Director Search Committee Chair – UMN (2014)
- Minnesota Landscape Arboretum Director Search Committee Chair – UMN (2016)
- CFANS Graduate Research Policy and Review Committee – UMN (2014 – 2022)
- Oat Rust Initiative Board of Directors – UMN (2016 – 2022)
- Plant Protein Innovation Center Board of Directors – UMN (2018 – 2022)
- Collegiate Fees Committee – UMN (2014 – 2022)

International Work while at the University of Minnesota

- University of Mohamad the 6th Polytechnic, Morocco – Developed graduate training and research collaborations
- Kisii University, Kenya – collaborated to develop programs linking Kisii University to local community through outreach

- Tumaini University, Tanzania – collaborated to develop on-site village demonstrations of cropping practices

Graduate Advising

- Advised Post-doc, Av Singh, September 2000 – May 2002
- Served on graduate committees for:
 - Laura Torbert, M.S. Animal Science, Effect of raising regime on milk yield of primiparous Holstein cows (2002)
 - Chad Zehnder, Ph.D. Animal Science, Alfalfa leaf meal in animal diets (2001)
 - Lee DeHaan, Ph.D. Agronomy, Native legumes (2001)
 - Phillipe Seguin, Ph.D. Agronomy, Kura clover nitrogen fixation (2000)

Manuscript Reviews

- Agronomy Journal
- Crop Science
- Journal of Production Agriculture
- Journal of Association of Official Analytical Chemists International
- Assoc. Editor, Proc. American Forage and Grassland Council Meeting, Des Moines, IA

Grant Proposal Reviews

- University of Minnesota MnDRIVE Transdisciplinary and Global Food Initiatives
- US Civilian Research and Development Foundation: Georgian/US Bilateral Grants Program – Renewable Energy
- North Central Sun Grant Advisory Committee
- Leopold Center
- Sustainable Agriculture Research and Education (SARE)

Honors and Awards

- University of Minnesota Communicators Forum Green Award – EFANS Connects: a quarterly webinar for employees, 2011
- University of Minnesota Communicators Forum Maroon Award, writing, script – About University of Minnesota Extension, 2011
- Minnesota Forage and Grassland Council – Outstanding Service Award, 2002
- Minnesota Forage and Grassland Council – Recognition of Service Award, 2001
- Minnesota Forage and Grassland Council – Excellence in Leadership Award, 2001
- University of Minnesota – Extension Teamwork Award in 2000 for sheep program
- Louisiana Forage and Grassland Council – Outstanding Service Award, 1996

Teaching

- 2006 – 2007 “Renewable energy in practice” Guest Lecture, CHEN 5551 Renewable Energy Technologies
- 2003 – 2006 “Renewable energy, society, and the environment” Guest Lecture, EE 1701W Energy, Environment, and Society
- 2005 “Renewable energy” Guest Lecture, CHEN 4501 Chemical Energy Process Design
- 2003 “Leadership for change” Guest Lecture, AGRI 1000H Thriving in the 21st Century Workplace
- 2002 “Renewable energy in rural economies” Guest Lecture, ECON 3008 Environmental and Resource Economics II
- 2000 Online Instructor for “Pasture management” in Extension Beef Management course
- 1998 – 2000 “Grazing management” Guest Lecture and Laboratory Exercise, ANSC 5603 Beef Cattle Production
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Publications

Refereed Publications

- Cuomo, G.J., M.V. Rudstrom, D.G. Johnson, A. Singh, P.R. Peterson, C.C. Sheaffer, and M.H. Reese. 2005. Nitrogen fertilization impacts on stand dynamics and forage mass of rotationally stocked cool-season grass-legume pastures. *Agron J.* 1194-1201.
- Cuomo, G.J., M.V. Rudstrom, P.R. Peterson, D.G. Johnson, A. Singh, and C.C. Sheaffer. 2005. Initiation date and nitrogen rate for stockpiling smooth bromegrass in the north central USA. *Forage and Grazinglands.*
<http://www.plantmanagementnetwork.org/pub/fg/research/2005/pasture/>
- Laberge, G., S. Seguin, P.R. Peterson, C.C. Sheaffer, N.J. Ehlke, G.J. Cuomo, and R.D. Mathison. 2005. Establishment of kura clover no-tilled into grass pastures with herbicide sod suppression and nitrogen fertilization. *Agron. J.* 97:250-256.
- Cuomo G.J., P.R. Peterson, A. Singh, D.G. Johnson, W.A. Head Jr., and M.H. Reese. 2003. Persistence and spread of kura clover in cool-season grass pastures. *Agron. J.* 95:1591-1594
- Cuomo, G.J., D.G. Johnson, and W.A. Head. 2001. Interseeding kura clover and birdsfoot trefoil into existing cool-season grass pastures. *Agron. J.* 93:458-462.
- Ward, J.D., D.D. Redfearn, M.E. McCormick, and G.J. Cuomo. 2001. Chemical composition, ensiling characteristics, and apparent digestibility of summer annual forages in a sub-tropical double-cropping system with annual ryegrass. *J. Dairy Sci.* 84:177-182.
- Sheaffer, C.C., N.P. Martin, J.F.S. Lamb, G.J. Cuomo, J.G. Jewett, and S.R. Quering. 2000. Leaf and stem properties of alfalfa entries. *Agron. J.* 92: 733-739.
- Sheaffer, C.C., N.P. Martin, J.G. Jewett, J. Halgerson, R.D. Moon, and G.J. Cuomo. 2000. Sampling requirements for forage quality characterization of rectangular hay bales. *Agron. J.* 92: 64-68.

- Cuomo, G.J., D.G. Johnson, F. Forcella, M.V. Rudstrom, G.D. Lemme, and N.P. Martin. 1999. Pasture renovation and grazing intensity impacts on cool-season grass pastures. *J. Prod. Agric.* 12:564-569.
- Cuomo, G.J., D.D. Redfearn, J.F. Beatty, R.A. Anders, and D.C. Blouin. 1999. Management of warm-season annual grass residue for annual ryegrass establishment. *Agron. J.* 91:666-671.
- McCormick, M.E., D.D. French, T.F. Brown, G.J. Cuomo, A.M. Chappa, M. Fernandez, J.F. Beatty, and D.C. Blouin. 1999. Crude protein and rumen undegradable protein effect on reproduction and lactation performance of Holstein cows consuming ryegrass. *J. Dairy Sci.* 82:2697-2708.
- Cuomo, G.J., B.E. Anderson, and L.J. Young. 1998. Harvest frequency and burning effects on the vigor of big bluestem, switchgrass, and indiangrass. *J. of Range Manage.* 51:32-36.
- Cuomo, G.J., D.D. Redfearn, and D.C. Blouin. 1998. Plant density effects on tropical corn forage mass, morphology, and nutritive value. *Agron. J.* 90:93-96.
- McCormick, M.E., G.J. Cuomo, and D.C. Blouin. 1998. Annual ryegrass stored as baleage, haylage, or hay for lactating dairy cows. *J. Prod. Agric.* 11:293-300.
- Cuomo, G.J., and D.C. Blouin. 1997. Annual ryegrass forage mass distribution as affected by sod suppression and seedbed preparation. *J. Prod. Agric.* 10:256-260.
- Pitman, W.D., J.L. Hafley, G.J. Cuomo, and A.E. Kretschmer. 1997. Stand regeneration of *Alysicarpus* and *Desmodium* germplasm in Louisiana. *Crop Sci.* 37:1373-1376.
- Croughan, S.S., S.S. Quisenberry, and G.J. Cuomo. 1997. Bermudagrass somaclone resistance to fall armyworm (*Lepidoptera: Noctuidae*). *J. Agric Entomology* 14:73-79.
- Cuomo, G.J., D.C. Blouin, D.L. Corkern, J.E. McCoy, and R. Walz. 1996. Plant morphology and forage nutritive value of three bahiagrasses as affected by harvest frequency. *Agronomy J.* 88(1):85-89.
- Cuomo, G.J., B.E. Anderson, L.J. Young, and W.W. Wilhelm. 1996. Harvest frequency and burning effects on monocultures of three warm-season grasses. *J. Range Management* 49(2):157-162.
- Cuomo, G.J., D.C. Blouin, and J.F. Beatty. 1996. Forage potential of dwarf napiergrass and a pearl millet by napiergrass hybrid. *Agronomy J.* 88(3):434-438.
- Cuomo, G.J., and B.E. Anderson. 1996. Nitrogen fertilization and burning effects on rumen protein degradation and nutritive value of native grasses. *Agronomy J.* 88(3):439-442.
- Mooso, G.D., G.J. Cuomo, D.C. Blouin, and W.D. Pitman. 1996. Fertilizer effects on common bermudagrass on a Southwest Louisiana Coastal Plain Soil. *J. Plant Nutr.* 19:817-826.
- Cuomo, G.J., R.J. Ansley, P.W. Jacoby, and R.E. Sosebee. 1992. Honey mesquite transpiration along a vertical site gradient. *J. Range Management* 45(4):334-338.
- Jacoby, P.W., R.J. Ansley, C.H. Meadors, and G.J. Cuomo. 1990. Control of honey mesquite with herbicides: Influence of stem number. *J. Range Management* 43(1):36-38.
- Ansley, R.J., P.W. Jacoby, and G.J. Cuomo. 1990. Water relations of honey mesquite following severing of lateral roots: Influence of location and amount of subsurface water. *J. Range*

Book Chapter

Sheaffer, C.C., and G.J. Cuomo. 1998. Sward characteristics and management effects on cool-season grass forage quality. p. 73 - 101 *In*: J. H. Cherney and D.R. Cherney (ed) Grass for Dairy Cattle. CAB Intl.

Proceedings Papers

- Peterson, P.R., P. Seguin, G. Laberge, C.C. Sheaffer, N.J. Ehlke, D.R. Swanson, J.D. Larson, R.D. Mathison, and G.J. Cuomo. 2003. No-till drilling kura clover into grass pastures with herbicide suppression and nitrogen fertilization. p.121. *In Proc. Amer. Forage and Grassl. Council. Lafayette, LA. 26-30 April 2003.*
- Peterson, P.R., N.J. Ehlke, R.D. Mathison, D.A. Schriever, A. Singh, C.C. Sheaffer, and G.J. Cuomo. 2002. Perennial ryegrass and tall fescue in Minnesota? pp.153-157. *In Proc. Amer. Forage and Grassl. Council. Bloomington, MN. 14-17 July 2002.*
- Peterson, P.R., C.C. Sheaffer, N.J. Ehlke, P. Seguin, R.D. Mathison, L.R. DeHann, G.J. Cuomo, P. Seguin, M.P. Russelle, and P.H. Graham. 2002. The potential of Kura clover as a forage crop: The Minnesota experience. pp.61-71. *In Proc. Great Lakes International Grazing Conf. Battle Creek, MI. 11-12 February 2002.*
- Singh, A, and G.J. Cuomo. 2002. Grazing warm-season grasses in the north central US. Four State Grazing Conference, Cedar Rapids, IA.
- Cuomo, G.J. 2001. Grazing management for small acres. Proc. MN Forage and Grassl. Council/Dairy Forage Conference, St. Cloud, MN.
- Peterson, P.R., C.C. Sheaffer, A Singh, G.J. Cuomo, and L. Behnken. 2001. What and how to plant for pasture and hay. Pasture and Hay Workshop. St. Cloud, MN. 13 December 2001.
- Singh, A., D.G. Johnson, M.H. Reese, and G.J. Cuomo. 2001. On-farm animal performance of beef steers rotationally stocked on alfalfa-based pastures. Proc. 2001 Minnesota Beef Cow/Calf Report.
- Singh, A., M.V. Rudstrom, D.G. Johnson, M.H. Reese, and G.J. Cuomo. 2001. Grazing corn for finishing beef stockers on pasture. Proc. 2001 Minnesota Beef Cow/Calf Report
- Cuomo, G.J., D.G. Johnson, M.V. Rudstrom, and G.D. Lemme. 2000. Pasture renovation and forage species persistence under grazing. Proc. Wisconsin Grazing Conference, Wausau, WI.
- Cuomo, G.J., W.A. Head, D.G. Johnson, and M.V. Rudstrom. 2000. Stockpiling forages for fall grazing. Proc. Wisconsin Forage and Grassl. Council Annual Meeting, Wisconsin Dells, WI.
- Cuomo, G.J. 2000. Nitrogen Management for grass pastures. Proc. Wisconsin Forage and Grassl. Council Annual Meeting, Wisconsin Dells, WI .
- Cuomo, G.J., D.G. Johnson, and W.A. Head. 2000. Interseeding legumes into existing pastures and hay fields. Proc. MN Forage and Grassl. Council Annual Meeting, Hinckley, MN.

Cuomo, G.J., and K. Hettver. 2000. Managing pastures for year-long forage supply. Chapter 6 in web based Beef Home Study Course.

K. Hettver and G.J. Cuomo. 2000. Harvest Management. Chapter in web based Pasture Management Home Study Course.

Total Proceedings Papers and Extension Articles – 50

Abstracts

- Cuomo, G. J. 2004. Evolution of an Experiment Station in response to reduced funding. American Soc. of Agron. Annual meeting. Seattle, WA.
- Peterson, P.R., R.D. Mathison, N.J. Ehlke, and G.J. Cuomo. 2003. Forage potential of perennial ryegrass and tall fescue in Minnesota. American Soc. of Agron. Annual meeting. Denver, CO.
- Cuomo, G.J., D.G. Johnson, W.A. Head, A. Singh, M.E. Reese, and P.R. Peterson. 2002. Kura clover stand development in cool-season grass pastures. p. 34. American Forage and Grassl. Council Annual Meeting, Bloomington, MN.
- Peterson, P.R., N.J. Ehlke, R.D. Mathison, D.A. Schriever, A.Singh, C.C. Sheaffer, and G.J. Cuomo. 2002. Perennial Ryegrass and tall fescue in Minnesota? p. 40. American Forage and Grassland Council Annual Meeting, Bloomington, MN.
- Lamb, J.F.S., C.C. Sheaffer, G.J. Cuomo. 2002. Developing alfalfa for use as a biomass energy or biofuel feedstock. P. 69. American Forage and Grassland Council Annual Meeting, Bloomington, MN.
- Cuomo, G.J., D. J. Johnson, A.Singh, and M. Rudstrom. 2002. Forage pasture species selection and nitrogen fertilizer rates. Abstract #1556. American Dairy Science Association Annual Meeting, Quebec, Ontario.
- Torbert, L.A., J.G. Linn, D.G. Johnson, G.J. Cuomo, H. Chester-Jones, and M.L. Raeth-Knight. 2002. Effects of raising regime on milk yield of primiparous Holstein cows. Abstract # 163. American Dairy Science Association Annual Meeting, Quebec, Ontario.
- Rudstrom, M.V., H. Chester-Jones, D.G. Johnson, A. Singh, G.J. Cuomo, and M.E. Reese. 2002. A systems on-farm comparison between confinement and management intensive grazing for dairy heifers. Abstract # 1242. American Dairy Science Association Annual Meeting, Quebec, Ontario.
- A. Singh, G.J. Cuomo, C.C. Sheaffer, D.J. Johnson, W.A. Head, P.R. Peterson, and M.H. Reese. 2001. Seasonal Changes in yield and quality of stockpiled perennial forages. American Soc. of Agron. Meeting, Charlotte, NC.
- Rudstrom, M.V., D.J. Johnson, G.J. Cuomo, and M.H. Reese. 2001. Beef stockers and dairy heifers grazing standing corn. American Farm Bureau Federation Annual Convention, Orlando, FL.
- Cuomo, G.J., D.G. Johnson, W.A. Head, and M.H. Reese. 1999. Interseeding legumes into existing cool-season grass pastures. p. 142. American Soc. of Agron. Meeting, Salt Lake City, UT.
- Head, W.A., G.J. Cuomo, C.C. Sheaffer, and M.H. Reese. 2000. Ewe and lamb production on smooth bromegrass and alfalfa pastures. Midwest Ani. Sci. Meetings, Des Moines, IA.

Johnson, D.J., T. Van Der Pol, W.A. Head, A. Arner, H. Chester-Jones, G.J. Cuomo, N. Hansen, M. Reese, M. Rudstrom, and W Wright. 2000. Sustainable Livestock Systems. Enhanced Landscape, Human and Animal Health Symposium, St. Paul, MN.

Total Abstracts – 40

Experiment Station Publications (since 2000)

Svedarsky, D., M. Kuchenreuther, G. Cuomo, P. Bueseler, H. Moechnig, A. Singh. 2002. A Landowners Guide to Prairie Management in Minnesota. University of Minnesota, Minnesota Department of Natural Resources, and Natural Resources Conservation Service.

Total Experiment Station Publications – 5

Research Reports and Articles

Cuomo, G.J., 2012. Managing for season-long forage production. (6) 14-15. Progressive Farmer.

Cuomo, G.J., M.V. Rudstrom, D.J. Johnson, A.Singh, and P. Jeranyama. 2004. Grazing corn for finishing beef and growing dairy heifers. pp. 2-3. Minnesota Forage Assoc. Forage Focus, Summer.

Cuomo, G.J., M.V. Rudstom, D.J. Johnson, A.Singh, P.R. Peterson, C.C. Sheaffer, and M.H. Reese. 2004. Legume/bromegrass pastures give higher yields at lower costs than N fertilized bromegrass pastures. p. 8. Minnesota Forage Assoc. Forage Focus, Winter.

Cuomo, G.J. 2004. University of Minnesota Renewable Energy Research and Demonstration Center: Empowering the countryside with renewable energy. p. 11-14. Minnesota Department of Agriculture, Greenbook.

Johnson, D.J., G.J. Cuomo, A. Singh, and M.V. Rudstrom. 2004. Forage pasture species selection and N fertilization rates. Univ. of Minnesota, Dairy Days report.

Total research reports and articles – 42

Grants Received as PI or Co-PI

2006	“Legislative appropriation” Wind-to-Anhydrous ammonia	\$2,500,000
2005	USDA-DOE “University of Minnesota Biomass Development Initiative”	\$1,896,493
2005	Legislative Commission on Minnesota Resources “Wind-to-hydrogen demonstration”	\$800,000
2005	“Legislative appropriation” Biomass heating and cooling facility WCROC research components (\$6,000,000 total appropriation)	\$1,000,000
2005	Xcel Energy in support of wind-to-hydrogen project	\$100,000
2003 – 2007	Initiative for Renewable Energy and the Environment “Renewable Energy – Assistantships, Fellowships, and Visiting Scientists”	\$330,000

2005	Legislative Commission on Minnesota Resources “Woodchip Biofilter Treatment of Feedlot Runoff” WCROC component	\$36,393
2004	Department of Commerce “Community Wind Rebate”	\$150,000
2002 – 2004	Department of Energy “Native grasses as a biomass energy feedstock” (Vance Owen SDSU, PI) Total project budget \$126,000	\$45,000
2003	West Central Regional Sustainable Development Partnership. Seed money for Renewable Energy project	\$31,000
2002 – 2003	Ottertail Power – CIP funds for renewable energy project	\$110,000
2003	University of Minnesota-Rapid Agricultural Response Fund, “Empowering the Countryside with Renewable Energy”	\$85,000
2003	Univ. of Minnesota-Morris – Toward Renewable Energy Biomass Assessment	\$10,000
2003	Department of Energy – Toward Renewable Energy Biomass Assessment	\$40,000
2003	Local Business’s and organizations – Toward Renewable Energy Project	\$9,500
2003 – 2006	NCR SARE Research and Education Grant Enhancing pasture productivity by improving winter survival of perennial ryegrass, Total project budget \$149,998	\$9,000
2001 – 2004	University of Minnesota-Rapid Agricultural Response Fund “Restoring native legumes/plants to preserve perenniality and viability in Minnesota agriculture” renewed for 3 rd year, Total project budget \$295,000	\$15,000
2001 – 2004	Minnesota Dept. of Agriculture. “Can new perennial grasses extend Minnesota’s grazing season? Total project budget \$25,000	\$2,000
2003	State legislative appropriation – Renewable Energy Center-Morris	\$3,960,000
2002	West Central Regional Sustainable Development Partnership for seed money towards developing a “Community Scale Renewable Energy Center” at the WCROC	\$32,092
1999 – 2001	LCMR grant for “Sustainable livestock systems” (co-PI with Drs. Bill Head and Dennis Johnson); Total project budget \$380,000	\$18,000
1999 – 2001	LCMR grant for “Integrated prairie management” (co-PI with Drs. Dan Svedarsky and Margaret Kuchenreuther); Total project budget \$157,000	\$45,000

Miscellaneous Service Activities

2014 Vermillion River Watershed Planning Commission Board
2007 – 2008 Dakota County Technical College – Green Campus Initiative Committee
2007 US/Canadian trade delegation representative to the International Hydrogen and Fuel Cell Conference, Vancouver BC, Canada
2003 – 2005 Minnesota Energy Initiative, Energy Alley Research Workgroup
2002 – 2005 Morris Community/DENCO (Diversified Energy Corporation, local ethanol plant), City Council Appointed, Concerns Group Chair
2000 – 2006 Barnes-Aastad, oversight committee, with Morris USDA-ARS unit

Outreach

Beginning with my research career, communicating research value and later as an administrator highlighting the University of Minnesota's good works, outreach has always been a strong component of my efforts. As part of that work, I have given over 200 invited presentations. The largest segment of those presentations was around forage management and renewable energy.