

Curriculum Vitae

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EDUCATION

- Ph.D., 1992, Kansas State University, Agronomy, Wheat Breeding; R.G. Sears.
- M.S., 1980, University of Arkansas, Agronomy, Forage Legume Breeding; M.S. Offutt.
- B.S., 1977, Tarleton State University, Agronomy.

PROFESSIONAL EXPERIENCE

1/13-present: Regents Fellow, Texas A&M University System.

9/09-present: Professor, Texas A&M AgriLife Research, Amarillo. 100% Research. Project leader of the hard winter wheat breeding program for the High Plains and Rolling Plains of Texas. Responsibilities include management of the cultivar development project, graduate student training, and conducting research relevant to wheat genetic improvement.

7/01-8/2009: Associate Professor, Texas A&M AgriLife Research, Amarillo. 100% Research.

Project leader of the hard winter wheat breeding program for the High Plains and Rolling Plains of Texas. Responsibilities include management of the cultivar development project, graduate student training, and conducting research relevant to wheat genetic improvement.

7/92-6/01: Assistant/Associate Professor, South Dakota State Univ., Brookings, South Dakota. 95% Research, 5% Teaching. Project leader of the spring wheat breeding program; teach *Applied Plant Breeding*. Major/thesis advisor to 6 M.S. and 4 Ph.D. graduate students.

1/87-3/92: Graduate Research Fellow, Kansas State University, Manhattan, Kansas.

Funded by Pioneer Plant Breeding Fellowship. I assisted in all phases of the winter wheat breeding project and had primary responsibility for data management, statistical analysis, and computer program development.

7/81-8/86: Plant Breeder, GroAgri Seed Company, Lubbock, Texas.

Responsibilities included the sunflower breeding program and the sorghum and corn testing programs.

PROJECT ACHIEVEMENTS

- Texas A&M AgriLife Research, Development and Release of nine hard red winter wheat cultivars: TAM 112, TAM 303, TAM 304, TAM 203, TAM 401, TAM 113, TAM 305, TAM 204, TAM 114.
- South Dakota State University, Development and release of 7 hard red spring wheat cultivars: Russ, Oxen, Forge, Ingot, Ember, Walworth, and Briggs.

AWARDS

- Texas A&M College of Agriculture and Life Sciences Dean's Outstanding Award for Interdisciplinary Research, Texas TAM Wheat Improvement Team, 2015.
- Texas A&M University, Department of Soil and Crop Sciences, 2014 Research Award.
- Texas A&M Technology Commercialization Innovation Award, TAM Wheat Variety Development Team, 2013.
- Texas A&M AgriLife Vice Chancellor's Award in Excellence, TAM Wheat Improvement Team, 2013.

- Texas A&M University Regents Fellow Service Award, 2012.
- Texas Wheat Producers '2010 Man of the Year', 2010 Commodity Symposium.
- Wheat Quality Council 'Best of Show', (awarded for the highest quality wheat entered into the 2007 Wheat Quality Council trial), 2007 Annual Meeting.
- Outstanding Graduate Faculty Award, SDSU Plant Science Graduate Student Association, 1996.
- Pioneer Hi-Bred International Plant Breeding Fellowship (\$20,000 annually), 1987-1992.
- Houston Livestock Show and Rodeo Scholarship (*complete 4 year award for FFA achievements*), 1973-1977.

LEADERSHIP AND SERVICE

National committees

- Wheat Quality Council, Executive Committee, 2010-2014.
- National Wheat Improvement Committee
Member, 1996-2000. 2005-2011.
Chair, Spring Wheat Region, 1998-2000.
- National Wheat Germplasm Committee, 2002-2006
- National Wheat and Barley Scab Initiative
Variety Development Committee Chair, 1998-Oct 2000.
Executive Committee, Oct. 2000 - 2002.
- Hard Winter Wheat Molecular Marker Lab Liaison Committee, 2004-present
- Hard Winter Wheat Improvement Committee, 2001-present

National Boards, Task Forces, Panels

- Wheat Quality Council Board of Trustees, 2008-2014.
- Panel member for external review of USDA ARS Grain Marketing and Production Research Center, Manhattan, KS. Biological Research Unit (BRU), Engineering Research Unit (ERU), Grain Quality and Structure Research Unit (GQSRU), October 22-25, 2008.
- Panel member for external review of the Washington State University Wheat Breeding Program, March 2007.
- US Congressional visits. I was a team member representing the National Association of Wheat Growers (NAWG), and the National Wheat Improvement Committee (NWIC) to present wheat research priorities to selected Senate and House offices. 2002, 2003, 2004, 2006, 2008, and 2010.
- Appointed team member on US Wheat Associates sponsored trips to buyers of US wheat to discuss quality needs and wheat variety performance. Trips to Japan, Korea, Philippines, Malaysia, Thailand, Taiwan, China, Central America, and Mexico. 1999, 2005, and 2009.

Texas A&M AgriLife Committees

- Search Committee member for Borlaug and Beachell endowed chairs, Soil and Crop Science Department.
- Grand Challenge Feeding Our World, Coordinating Committee member.
- College and Texas A&M AgriLife Peer Review Committee.
- Small Grains Advisory Committee, 2001-present
- Plant Review Committee, 2002-present

- Faculty Search Committees
 - Research Entomologist, Texas A&M AgriLife Research, Amarillo, Assistant Professor, 2015.
 - Extension Small Grains and Oilseed Specialist, Assistant Professor, Soil and Crop Sciences, TAMU, 2013.
 - Small Grains Geneticist. Texas A&M AgriLife Research Amarillo, Assistant Professor. 2009. Chair
 - Crops Physiologist, Texas A&M AgriLife Research Amarillo, Assistant Professor. 2009
 - Winter Wheat Breeder, Associate Professor, Soil and Crop Sciences, TAMU, 2007
 - Assistant Professor of Crop Sciences, West Texas A&M, 2006
 - Small Grains Extension Specialist, Assistant Professor, Soil and Crop Sciences, TAMU, 2003
 - Small Grains Molecular Quality, Assistant Professor, Soil and Crop Sciences, TAMU, 2002
- Amarillo Research and Extension Center, Safety Committee Chair, 2007-present.
- Wheat Field Day Chair
 - Bushland, 2003, 2006, 2009, 2012, 2015.
 - Vernon/Chillicothe 2002, 2005, 2008, 2011, 2014.
 - North Plains Research Field – Etter 2004, 2007, 2010, 2013

TEACHING

Courses Taught (no formal teaching appointment)

- Guest lectures on Wheat Breeding in Plant Breeding classes.
 - Texas Tech University, Advanced Plant Breeding, PSS 6322, 2015.
 - West Texas A&M University. I gave a presentation and tour to Brock Blaser's Plant Breeding class. November 13, 2014.
 - Kilgore College, Agronomy, February 25, 2014.
 - West Texas A&M University. I gave a presentation and tour to Brock Blaser Plant Breeding class. March 26, 2013.
 - Texas Tech University, Advanced Plant Breeding, PSS 6322, 2013.
 - Texas Tech University, Advanced Plant Breeding, PSS 6322, 2011.
 - Texas A&M University, Plant Breeding and Genetics, AGRO 304, 2007.
 - Texas Tech University, Advanced Plant Breeding, PSS 6322, 2007.
- Presented a series of lectures on wheat breeding for disease resistance and end-use quality enhancement. December 2-9, 2001.
 - Chinese Academy of Agricultural Science, Beijing, China
 - CIMMYT, Beijing, China
 - Nanjing Agricultural University, Nanjing, China
 - Shaanxi Academy of Agricultural Science, Yangling, Shaanxi, China. Invited lecturer. Presented five days of lectures on breeding wheat for disease resistance and quality, May 21-30, 1997.

Academic Advising

	Career	2011-2015
Undergraduate Internships	10	5
M.S. students graduated	12	4
PhD. Students graduated	9	4

- Undergraduate Student Internships
 - Mechelle Underwood, West Texas A&M University, 2013.
 - Matt McClallan, West Texas A&M University, 2013.
 - Elizabeth, Newell, West Texas A&M University, 2013.
 - Sara Delp, Wheat Improvement Internship, West Texas A&M University, 2012.
 - Jae Ebeling, Plant Breeding Internship, Wheat Breeding, Soil and Crop Sci. TAMU, 2011.
 - Comfort Afua Asomani, Marker Assisted Selection for Wheat Improvement, Amarillo College, 2008.
 - Brandon Meiwes, Marker assisted selection for greenbug resistance in wheat, West Texas A&M University, 2007.
 - J.W. Wagner, Hard Winter Wheat Breeding in Texas, West Texas A&M University, 2007.
 - Laura Hampton, Marker Assisted Selection in Wheat, West Texas A&M University, 2007.
 - Josh Evans, Genetic diversity on *Brachypodium*, West Texas A&M University, 2006.

- Master of Science (M.S.)
 - Mechelle Underwood, Committee member. Mallory Vestal and Bridget Guerrero co-chairs, WTAMU. 2015-
 - Brandon Gerrish, Amir Ibrahim and Jackie Rudd Co-chairs, TAMU, 2013-2015. Graduates December 2015.
 - Jordanna Tadlock, Amir Ibrahim chair, TAMU, 2013-2015. Graduated August 2015.
 - Smit Dhakal. Committee member. Shuyu Liu and Brock Blazer co-chair, WTAMU. 2012-2014. Graduated May 2014.
 - Bharath Reddy. Committee member. Bob Stewart committee chair. WTAMU, M.S. thesis: Impact of Planting Geometries on Transpiration Efficiency in Grain Sorghum. 2008-2010. Graduated May 2010.
 - Jessica Cooper. Committee member. Amir Ibrahim committee chair. TAMU., M.S. thesis: Synthetic hexaploid wheat as a source of improvement for winter wheat (*Triticum aestivum* L.) in Texas. 2009-2010. Graduated December 2010.

- Doctor of Philosophy (Ph.D.)
 - Yan Yang. Monsanto's Beachell-Borlaug International Scholars Program, 2013-2015. Committee member. Shuyu Liu and Amir Ibrahim co-chairs. TAMU 2014-.

- Smit Dhakal. Committee member. Shuyu Liu and Amir Ibrahim co-chairs. TAMU 2014-.
 - Sara Ajayi. Committee member. Qingwu Xue and Amir Ibrahim co-chairs. TAMU 2013-.
 - Silvano Assanga Ocheya. Monsanto’s Beachell-Borlaug International Scholars Program, 2013-2015. Committee member. Shuyu Liu and Amir Ibrahim co-chairs. TAMU. 2012-
 - Padma Sengodon. Committee member. Dirk Hays committee chair. TAMU. 2012-2015. Graduated August 2015.
 - Bharath Reddy. Pathways Scholarship, 2010-2011. Monsanto’s Beachell-Borlaug International Scholars Program, 2012-2014. TAMU. 2010-15. Amir Ibrahim and Jackie Rudd co-chairs. Graduated August 2015.
 - Bhoja Raj Basnet, Monsanto’s Beachell-Borlaug International Scholars Program. Committee member. TAMU, 2009-2012. Graduated May 2012.
 - David Verbree. Committee member. Bill Payne committee chair. TAMU. 2009-2011. Graduated May 2012.
 - Mohamed Ali. Committee member. Amir Ibrahim committee chair. TAMU, 2008-2010. Graduated December 2010.
- Visiting Scientists
 - Rabia Masood, International Research Support Initiative Program, Higher Education Commission, Pakistan. November 2015-July 2016.
 - Dr. Nikola Hristov, USDA Norman Borlaug International Science and Technology Fellows Program, September, 2005.
 - Dr. Borislav Kobilijski, USDA Norman Borlaug International Science and Technology Fellows Program, September, 2004.
 - Postdoctoral Research Associates
 - Dr. Srirama Krishna Reddy. Funded by Texas A&M AgriLife Research Cropping System grant. September 1, 2013-.
 - Dr. Azhaguvel Perumel, Funded by USDA NRI, Gb3 cloning project, July 2006-October 2010. Currently Research Scientist, Syngenta.
 - Dr. Huanjun Lu, Funded by USDA NRI CAP, Applied Wheat Genomics, October 2007-June 2010. Currently Assistant Professor at Univ. of Florida.

**RESEARCH
Intellectual Property**

Royalties received from seed sales of TAM cultivars listed in Table 1.	2001-2014	2011-2014
	\$6,403,897	\$2,803,532

Table 1. Cultivar releases while at Texas A&M AgriLife Research.

Name	¹ Class	Institution/Year	Author	² Plant Variety Protection Certificate	Licensee	Adaptation
TAM 111	HRWW	AgriLife Res 2003	Lazar et al.	Yes	Syngenta	TX,OK,CO, KS, NE
Sturdy 2K	HRWW	AgriLife Res 2003	Marshall, et al.	Yes	Amigos Genetics	TX, OK
TAMCale 5019	Triticale	AgriLife Res 2004	Rudd et al.	Yes	Syngenta	TX,OK
TAMCale 6331	Triticale	AgriLife Res 2004	Rudd et al.	Yes	Syngenta	TX,OK
TAM 112	HRWW	AgriLife Res 2005	Rudd et al.	Yes	Watley Seed	TX,OK,CO, KS
TAM 303	HRWW	AgriLife Res 2005	Rudd et al.	No	Virginia State	TX
TAMO 405	Oat	AgriLife Res 2005	Herrington et al.	Yes	TAM Oat Mktg	TX,LA
TAMO 606	Oat	AgriLife Res 2006	Sutton et al	Yes	Amigos Genetics	TX,OK
TAMO 406	Oat	AgriLife Res 2007	Herrington et al.	Yes	TAM Oat Mktg	TX,LA
TAM 304	HRWW	AgriLife Res 2007	Rudd et al.	Yes	Scott Seed	TX,OK,KS
TAM 203	HRWW	AgriLife Res 2007	Rudd et al.	Yes	Syngenta	TX,OK,KS
TAM 401	HRWW	AgriLife Res 2008	Rudd et al.	Yes	Syngenta	TX,OK,KS
TAMSoft 700	SRWW	AgriLife Res 2009	Ibrahim et al.	Yes	Syngenta	TX, LA, GA
TAM 113	HRWW	AgriLife Res 2010	Rudd et al.	Yes	Adaptive Genetics	TX,OK,CO, KS
TAM 305	HRWW	AgriLife Res 2012	Ibrahim et al.	Yes	Scott Seed	
TAMO 411	Oat	AgriLife Res 2012	Ibrahim et al.	pending	Adaptive Genetics	TX, LA, OK
TAM 204	HRWW	AgriLife Res 2014	Rudd et al.	pending	Watley Seed	TX, OK
TAM 114	HRWW	AgriLife Res 2014	Rudd et al.	pending	Adaptive Genetics	TX,OK,CO, KS

Contracts and Grants

Grants received from sources listed in Table 2.	2003-2015 Grants received as PI or Co-PI	2003-2015 Allocated to Rudd	2011-2014 Allocated to Rudd
	\$15,799,371	\$3,521,706	\$1,498,552

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2003-2015
Texas Wheat Producers Board	\$44,500	\$95,000	\$55,000	\$92,500	\$32,000	\$54,500	\$64,000	\$67,500	\$45,000	\$45,000	\$45,000	\$45,000	\$48,000	\$733,000
Tex AgriLife Res State Initiatives				\$74,000	\$74,000	\$37,500	\$37,500	\$50,000	\$50,000	\$0	\$0	\$50,000	\$50,000	\$423,000
Cropping Systems, aphid resistance				\$40,000	\$40,000									
Cropping Systems, Wheat MAS				\$34,000	\$34,000									
Monocot Improvement, Tortilla Wheat						\$37,500	\$37,500							
Monocot Improvement, MAS								\$50,000	\$50,000					
Cropping Systems, Forage Wheat												\$50,000	\$50,000	
USDA-CAP. Applied Wheat Genomics				\$40,000	\$47,750	\$47,500	\$47,500							\$182,750
USDA-NRI. Map-based cloning of Gb3					\$136,840	\$125,769	\$135,088							\$397,697
USDA-ARS. Ogallala Aquifer Initiative				\$11,000	\$36,000	\$25,000	\$25,000	\$32,660		\$15,320				\$144,980
USDA-ARS Specific Coop. Agreements														\$0
Oat Germplasm Screening			\$5,000	\$5,000	\$5,000									\$15,000
Kamal Bunt			\$12,500	\$12,500	\$22,500	\$22,500	\$22,500							\$92,500
Cereal Rust Initiative					\$17,000	\$32,000	\$32,000	\$32,000						\$113,000
Incursion of new wheat stem rust								\$10,000	\$10,000					\$20,000
Wheat stem rust – Bob Bowden									\$31,707	\$31,707	\$35,088	\$35,088	\$35,088	\$168,678
Commercial										\$181,031	\$183,641	\$183,641	\$183,641	\$731,954
Equipment (Royalties)	\$21,000	\$15,000	\$25,237		\$55,000	\$13,010	\$33,300	\$142,000		\$42,000	\$105,000		\$47,600	\$499,147
TOTAL	\$65,500	\$110,000	\$97,737	\$235,000	\$426,090	\$357,779	\$396,888	\$334,160	\$136,707	\$315,058	\$368,729	\$313,729	\$364,329	\$3,521,706

National and International Invited Presentations and Conferences

- Hosted a group of 15 Directors of National Research Institutes from Turkey. Alex Morganov, International Winter Wheat Improvement Program, CIMMYT, led the group. April 13-18, 2015. They spent 3 days in Amarillo and 2 days in College Station, and 1 day at the rust nursery near Castroville.
- Invited by and hosted by Bayer Crop Science to attend the Cereal Future Forum in Brussels, Belgium.
- Attended the 2014 Edgar McFadden Symposium on wheat improvement, September 23-24, 2014, Brookings, South Dakota.
- Hosted the Great Plains Regional Hard Winter Wheat Breeders, Chillicothe, TX, May 13, 2014,
- Attended the 2014 Borlaug Global Rust Initiative Workshop and Borlaug Summit on Wheat for Food Security, Cd. Obrgon, Mexico.
- Wheat Quality Council. Presented data on the development of and participated in review of TX07A1505 by the baking and milling industries in the U.S. Kansas, City, MO, February 12-14, 2013.
- Attended the Ogallala Aquifer Program Workshop, Amarillo, TX, March 5-7, 2013.
- Hard Winter Wheat Breeders Field Day, Mead, NE. Attended and presented data on the TAM experimental lines in the regional nursery. June 5-6, 2013.
- Attended the ASA-CSSA-SSSA annual meeting in Tampa, FL, November 3-6, 2013.
- Attended the Desert Technology 11 International Conference, San Antonio, TX, November 19-22, 2013.
- Presented at the US Wheat Associates Wheat Quality committee meeting, *Wheat Breeding Facts and Fiction*. Houston, TX October 24-26, 2012

- Presented on the *TAM Wheat Improvement Program* at the National Association of Wheat Growers Research and Technology committee meeting. Houston, TX October 3-5, 2012.
- Attended Wheat Summit II and Wheat Quality Council Annual meeting. Kansas City, MO. February 13-16, 2012.

Publications

	<u>Texas AgriLife 2001-2014</u>	<u>2011-2015</u>
Peer-reviewed Journal	43	24
Book Chapters	2	1
Abstracts and proceedings	85	62
Popular Press	50	32

- Ibrahim, Amir MH, Jackie Rudd, Ravindra Devkota, Jason Baker, Russel Sutton, Bryan, Simoneaux, Geraldine Opeña, Rex Herrington, Lloyd Rooney, Linda Dykes. 2015. Registration of ‘TAM 305’ Hard Red Winter Wheat. *J. Plant Reg.* 9:325-330.
- Rudd, Jackie C, Ravindra N Devkota, Amir M Ibrahim, David Marshall, Russell Sutton, Jason A Baker, Gary L Peterson, Rex Herrington, Lloyd W Rooney, Lloyd R Nelson. 2015. ‘TAM 304’ Wheat, Adapted to the Adequate Rainfall or High-Input Irrigated Production System in the Southern Great Plains. *J. Plant Reg.* 9:331-337.
- Rudd, Jackie C., Ravindra N. Devkota, Jason A. Baker, Gary L. Peterson, Mark D. Lazar, Brent Bean, David Worrall, Todd Baughman, David Marshall, Russell Sutton, Lloyd W. Rooney, Lloyd R. Nelson, Allan K. Fritz, Yiqun Weng, Gaylon D. Morgan, and Brad W. Seabourn. 2014. ‘TAM 112’ wheat, resistant to greenbug and wheat curl mite and adapted to the dryland production system in the Southern High Plains. *J. Plant Reg.* 8:291-297.
- Liu, S., J.C. Rudd, G. Bai, S. Haley, A.M.H. Ibrahim, Q. Xue, D.B. Hays, R.A. Graybosch, R.N. Devkota, and P. St. Amand. 2014. Molecular markers linked to genes important for hard winter wheat production and marketing in the U.S. Great Plains. *Crop Sci.* 54: 1304-1321.
- Pradhan, G., Q. Xue, S. Liu, J.C. Rudd, K.E. Jessup, and J.R. Mahan. 2014. Cooler canopy temperature contributed to higher yield in new drought tolerant wheat cultivars. *Crop Sci.* 54: 2275-2284.
- Reddy, S.K., S. Y. Liu, J.C. Rudd, Q. Xue, P. Payton, S.A. Finlayson, J.R. Mahan, A. Akhunova, S.V. Holalu, N. Lu. 2014. Physiology and transcriptomics of water-deficit stress responses in wheat cultivars TAM 111 and TAM 112. *J Plant Physiol.* 171: 1289-1298.
- Xue, Q., J.C. Rudd, S. Liu, K.E. Jessup, R.N. Devkota, and J.R. Mahan. 2014. Yield determination and water use efficiency of wheat under water-limited conditions in the US Southern High Plains. *Crop Sci.* 54:34-47.
- Azhaguvel, P, D Mornhinweg, D Vidya-Saraswathi, J Rudd, K Chekhovskiy, M Saha, T Close, L Dahleen, Y Weng. 2013. Molecular mapping of greenbug (*Schizaphis graminum*) resistance gene Rsg1 in barley. *Plant Breeding* 133:227-233.
- Basnet, B.R., A.M.H. Ibrahim, X. Chen, R.P. Singh, E.R. Mason, S.Y. Liu, R.N. Devkota, N.K. Subramanian, and J.C. Rudd. 2013. Molecular Mapping of Stripe Rust Resistance in Hard

- Red Winter Wheat TAM 111 Adapted in the US High Plains. *Crop Sci.* 54:1361-1373.
- Ali, M., A.M.H. Ibrahim, S. Malla, J. Rudd, and D. Hays. 2013. Family-based QTL mapping of heat stress tolerance in primitive tetraploid wheat (*Triticum turgidum* L.). *Euphytica* 192:189-203.
- Basnet, BR, RP Singh, AMH Ibrahim, SA Herrera-Foessel, J Huerta-Espino, C Lan, JC Rudd. 2013. Characterization of *Yr54* and other genes associated with adult plant resistance to yellow rust and leaf rust in common wheat Quaiu 3. *Molecular Breeding* 33:385-399
- Cooper, Jessica K., Amir M.H. Ibrahim, Jackie Rudd, Subas Malla, Dirk B. Hays, and Jason Baker. 2013. Increasing hard winter wheat yield potential via synthetic wheat: II. Heritability and Combining Ability of Yield and its Components. *Crop Sci.* 53:67-73.
- Glover, KD, JC Rudd, RN Devkota, RG Hall, Y Jin, LE Osborne, JA Ingemansen, EB Turnipseed, JR Rickertsen, GA Hareland. 2013. Registration of 'Forefront' wheat. *J. Plant Reg.* 7:184-190.
- Reddy, Srirama Krishna, Yiqun Weng, Jackie C Rudd, Alina Akhunova, Shuyu Liu. 2013. Transcriptomics of induced defense responses to greenbug aphid feeding in near isogenic wheat lines. *Plant Sci.* 212:26-36.
- Xue, Q., J.C. Rudd, S. Liu, K.E. Jessup, R.N. Devkota, and J.R. Mahan. 2013. Yield determination and water-use efficiency of wheat under water-limited conditions in the U.S. Southern High Plains. *Crop Sci.* 54:34-47.
- Azhaguvel, Perumal, Jackie C. Rudd, Yaqin Ma, Ming-Cheng Luo, and Yiqun Weng. 2012. Fine genetic mapping of greenbug aphid-resistance gene *Gb3* in *Aegilops Tauschii*. *TAG* 124:555-564.
- Basnet, B.R., A.M.H. Ibrahim, J.C. Rudd, S. Herrera-Goessel, J. Huerta-Espino, V.C. Salazar, and R.P. Singh. (2012). Genetic analysis of adult plant stripe and leaf rust resistance in spring wheat line 'Quaiu 3'. *Plant Disease* 97:60-65.
- Cooper, Jessica K., Amir M.H. Ibrahim, Jackie Rudd, Subas Malla, Dirk B. Hays, and Jason Baker. 2012. Increasing hard winter wheat yield potential via synthetic wheat: I. Path-coefficient analysis of yield and its components. *Crop Sci.* 52:2014-2022. doi: 10.2135/cropsci2011.07.0382.
- Lu, Huangjun, Rebecca Kottke, Ravindra Devkota, Paul St Amand, Amy Bernardo, Guihua Bai, Patrick Byrne, T.J. Martin, Scott Haley, Jackie Rudd. 2012. Consensus mapping and identification of markers for marker-assisted selection of *Wsm2* in wheat. *Crop Sci.* 52:720-728.
- Rudd, Jackie, Ravindra Devkota, Allan Fritz, Jason Baker, Don Obert, David Worrall, Russell Sutton, Lloyd Rooney, Lloyd Nelson, Yiqun Weng, Gaylon Morgan, Brent Bean, Amir Ibrahim, Art Klatt, Robert Bowden, Robert Graybosch, Yue Jin, and Brad Seabourn. 2012. Registration of TAM 401 wheat. *J. Plant Reg.* 6:60-65.
- Rudd, Jackie, Ravindra Devkota, Jason Baker, Amir Ibrahim, David Worrall, Mark Lazar, Russell Sutton, Lloyd Rooney, Lloyd Nelson, Brent Bean, Robert Duncan, Brad Seabourn, Robert Bowden, Yue Jin, and Robert Graybosch. 2012. Registration of TAM 113 wheat. *J. Plant Reg.* 7:64-68.
- Glover, KD, JC Rudd, RN Devkota, RG Hall, Y Jin, LE Osborn, JA Ingemansen, JR Rickertsen, and GA Hareland. 2011. Registration of 'Select' Wheat. *J. Plant Reg.* 5: 196-201.

- Lu, Huangjun, Jacob Price, Ravindra Devkota, Charlie Rush, and Jackie Rudd. 2011. A dominant gene for resistance to wheat streak mosaic virus in winter wheat line CO960293-2. *Crop Sci.* 51:5-12.
- Simkova, Hana, Jan Safar, Marie Kubalaková, Pavla Suchanková, Jarmila Cihaliková, Heda Robert-Quatre, Perumal Azhaguvel, Yiqun Weng, Junhua Peng, Nora Lapitan, Yiqin Ma, Frank You, Ming-Cheng Luo Jan Bartos, and Jaroslav Dolezel. 2011 BAC Libraries from wheat chromosome 7D: efficient tool for positional cloning of aphd resistance genes. *J of Biomedicine and Biotechnology*. Volume 2011, Article ID 302543, 11 pages. Doi:1155/2011/302543.
- Chao, Shiaoman, Jorge Dubcovsky, Jan Dvorak, Ming-Cheng Luo, Stephen P. Baenziger, Rustam Matnyazov, Dale R. Clark, Luther E. Talbert, James A. Anderson, Susanne Dreisigacker, Karl Glover, Jianli Chen, Kim Campbell, Phil L. Bruckner, Jackie C. Rudd, Scott Haley, Brett F. Carver, Sid Perry, Mark E. Sorrells, and Eduard D. Akhunov. 2010. Population- and genome-specific patterns of linkage disequilibrium and SNP variation in spring and winter wheat (*Triticum aestivum* L.). *BMC Genomics* 11:727.
- Glover, KD, JC Rudd, RN Devkota, RG Hall, Y Jin, LE Osborn, JA Ingemansen, J.R. Rickertsen, DD Baltensperger, and GA Hareland. 2010. Registration of 'Brick' Wheat. *J. Plant Reg.* 2010 4: 22–27.
- Ibrahim, A.M.H., J. Johnson, R. Sutton, G. Morgan, J. Rudd, L.R. Nelson, A. Knutson, J.J. Heitholt, G.D. Buntin. 2010. Registration of 'TAMsoft 700' Wheat. *J. Plant Reg.* 4:50–54.
- Weng, Yiqun, Azhaguvel Perumal, John D. Burd, and Jackie C Rudd. 2010. Biotypic Diversity in Greenbug (Hemiptera: Aphididae): Microsatellite-Based Regional Divergence and Host-Adapted Differentiation. *J. Econ. Entomol.* 103(4):1454-1463.