CURRICULUM VITAE

Jianli Chen
University of Idaho Aberdeen Research & Extension Center
1693 S 2700 W, Aberdeen, ID 83210
208-397-4162, ext. 229 (O), 208-397-4165 (F), jchen@uidaho.edu
http://www.cals.uidaho.edu/aberdeen/wheat/toppage1.htm

EDUCATION:

Degrees:
Ph.D., 2005 Virginia Polytechnic & State University, Blacksburg, VA, Plant Breeding and Genetics
M.S., 1998 Northwest Agricultural University, Yangling, Shaanxi, China, Plant Breeding and Genetics
B.S., 1983, Northwest Agricultural University, Yangling, Shaanxi, China, Agronomy

EXPERIENCE:

Teaching, Extension and Research Appointments:
2007 - current, Assistant Professor and Wheat Breeder, Department of Plant, Soil, Entomological Sciences, University of Idaho Aberdeen Research & Extension Center, Aberdeen, ID, USA
2007 - current, Adjunct Assistant Professor, Department of Plants, Soils, and Climate, Utah State University, Logan, UT, USA
2010 - current, Adjunct Professor, Department of Plant and Soil Sciences, Northwest A & F University, Yangling, Shaanxi, P. R. China
2006 - 2007, Research Scientist, Department of Crop and Soil Environmental Sciences, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, USA
1997 - 2006, Research Associate, Department of Crop and Soil Environmental Sciences, Virginia Polytechnic Institute and State University, Blacksburg, Virginia, USA
1996, Visiting Scientist, USDA-ARS Forage and Range Research Laboratory, Utah State University, Logan, Utah, USA
1994 - 1995, Adjunct Associate Professor, Shaanxi Academy of Agricultural Sciences, Yangling, Shaanxi, P.R. China
1993, Visiting Scholar, USDA-ARS Forage and Range Research Laboratory, Utah State University, Logan, Utah, USA
1990 - 1993, Adjunct Assistant Professor, Shaanxi Academy of Agricultural Sciences, Yangling, Shaanxi, P. R. China
1988 - 1990, Research Faculty, Shaanxi Academy of Agricultural Sciences, Yangling, Shaanxi, P. R. China
1983 - 1985, Teacher, Biology, Genetics, and Breeding, Professional High School of Agriculture, Shangnan, Shaanxi, P.R. China

Academic Administrative Appointments:
1994 - 1995, Executive Secretary, National Program Office for the United Nation Development Program (UNDP), Shaanxi Academy of Agricultural Sciences, Shaanxi, Yangling, P.R. China

TEACHING ACCOMPLISHMENTS: (Academic and Extension teaching)

Areas of Specialization:
Plant Breeding, Genetics, Cytogenetics, Genomics

Courses Taught at UI:
Graduate seminar (PlSc501, 50% co-taught), fall 2008, spring and fall 2009, spring 2010
Special study (PlSc399, 50% co-taught), Mar. 2009
Plant Breeding Training Network, guest lecturer for online teaching of Triticeae CAP, 2012

Courses Taught before UI:
Plant Breeding and Genetics, CSES4144, special topics, Depart. of CSES, VT, spring 2000,
Advanced Plant Breeding and Genetics, CSES5144, special topics, Depart. of CSES, VT, spring 2003

Use of DNA Technology in Plant Breeding, Virginia Governor's School, VT, 2002 and 2006
High School Biology and Introduction to Plant Genetics and Breeding, Shangnan Professional High School of Agriculture, Shangnan, Shaanxi, P.R. China, 1983-85

Students Advised and Being Advised:

Undergraduate Students:
Sage Goff (BYU), 2012
Celina Twitchell (USU), 2010 - 2011
Soya Liu (WSU), 2010
Curtis Brown (ISU), 2009 - current
Tyler Mock (BYU), 2009

Graduate Students:
Matthew Chappell, MS, 2006, Mentor (completed in 2001)
Ping Li, Visiting Ph.D, 2009 - 2010, Co-advisor (completed in spring 2012)
Kaitlyn Bissonette, MS, Committee (completed in winter 2012)
Junli Zhang, Ph.D, Chair (being completed in spring 2013)
Brian Bowman, Ph.D, Chair (in progress)
Santosh, Nayak, MS, Chair (in progress)

New Course Developed and being developed:
Molecular Breeding (in development)
High School Biology and Introduction to Plant Genetics and Breeding (1983-85)

Non-credit Classes, Workshops, Seminars, Invited Lectures, etc.:
Invited seminar: Breeding for drought tolerance in common wheat. College of Agriculture, Northwest A&F University, Yangling, Shaanxi, P.R. China. May, 2012.
Invited seminar: Chromosome engineering and breeding. Depart. of PSES, Uni. of Idaho. Aberdeen, ID. Mar. 2012.
Invited seminar: Breeding for drought tolerance. Depart. of PSES, Uni. of Idaho. Aberdeen, ID. Mar. 2011.
Invited seminar: What do you have in your daily food table? – A story of wheat. UI-ARS seminar series, Aberdeen, ID, July 2010.
Organizer for summer student symposium, Aberdeen R&E center, ID, 2009-2012.
Invited seminar: Chromosome engineering and breeding. Depart of PSES, University of Idaho. Mar. 2010.
Invited seminar: Molecular breeding for biotic and abiotic resistances in wheat. College of Agriculture, Northwest A&F University, Yangling, Shaanxi, P.R. China. Sep. 2010.
Invited seminar: Is wheat breeding interesting to you. UI-ARS seminar series, Aberdeen, ID. July 2009.
Invited seminar: Wheat breeding program update. UI-ARS seminar series, Aberdeen, ID. Nov. 2008.
Invited seminar: Genome-wide identification of the quantitative trait loci associated with end-use quality and disease resistance in bread wheat. Depart of PSES, University of Idaho. Jan. 2008.
Invited seminar: Development of an accelerated wheat breeding program for Idaho and Pacific Northwest. Depart. of PSC, Utah State University, Logan, UT. Oct. 2007

Honors and Awards in teaching:
1988, outstanding teacher, Shangnan Professional High School of Agriculture, Shangnan, Shaanxi, P.R. China

SCHOLARSHIP ACCOMPLISHMENTS: (Including scholarship of teaching and learning, artistic creativity, discovery, and application/integration)

Book chapters
Wang, X., W. Ji, X. Xu, **J. Chen**, H. Zhao, and X. Xue. 1993. Wheat Chromosome Engineering and Breeding (In Chinese). HeBai Science and Technology Press House. P. R. china.

Refereed Journals (* - graduate student; ** - previous advisor)

Chen, J., J. Wheeler, J. Clayton, W. Zhao, K. O'Brien, C. Jackson, J. M. Marshall, B.D. Brown, K. Campbell, X.M. Chen, R. Zemetra, and E.J. Souza. 2013. Registration of 'UI Stone' Wheat. J. Plant Registration.

Liu, S.Y.**,** C.A. Griffey, M.D. Hall, **J. Chen**, S. Liu, D. Tucker, W.S. Brooks. 2012. Registration of Becker/Massey Wheat Recombinant Inbred Line Mapping Population. J. Plant Registration 3:358-362.

Chen, J., Ch. Chu, E.J. Souza, M.J. Guttieri, X. Chen, S. Xu, D. Hole, and R. Zemetra. 2012. Whole genome-wide mapping for high-temperature adult-plant resistance to stripe rust (*Puccinia striiformis* f. sp. *tritici*) in a hard red winter wheat germplasm IDO444. Molecular Breeding 29: 791 – 800.

Chen, J., E.J. Souza, D. Hole, M.J. Guttieri, K. O'Brien, J. Wheeler, L. Sorensen, J. Clayton, R. Zemetra, J.M. Marshall, and X. Chen. 2012. Registration of 'UI SRG' Wheat. J. Plant Registration 6 (2): 66-70.

Chen, J., C.A. Griffey, S. Liu, and M.A. Saghai Maroof. 2012. Registration of 'VA04W-433' and 'VA04W-474' Wheat Germplasm. J. Plant Registration 6 (1): 111-116.

*Li. P., **J. Chen**, and P. Wu. 2012. Evaluation of grain yield and three physiological traits in 30 spring wheat genotypes across three irrigation regimes. Crop Sci 52 (1): 110-121.

*Li, P., **J. Chen**, P. Wu, J. Zhang, Ch. Chu, D. See, G. Brown-Guedira, R. Zemetra, and E. Souza. 2011. QTL analysis for the effect of *RhtB1* dwarfing gene on coleoptiles length, seedling root length and numbers of bread wheat (*Triticum aestivum* L.). Crop Sci 51: 2561-2568.

*Li. P., **J. Chen**, and P. Wu. 2011. Agronomic characteristics and grain yield of 30 spring wheat genotypes under drought stress and non-stress conditions. Agronomy Journal 103 (6): 1619-1628.

Quincke, M. C., J. Peterson, R.S. Zemetra, J. L. Hansen, **J. Chen**, O, Riera-Lizarazu, Ch.C. Mundt. 2011. Quantitative trait loci analysis for resistance to Cephalosporium stripe, a vascular wilt disease of wheat. Theor Appl Genet 122:1339–1349

Chao, S., J. Dubcovsky, J. Dvorak, M.C. Luo, P.S. Baenziger, R. Matnyazov, D.R. Clark, L. Talbert, J.A. Anderson, S. Dreisigacker, K. Glover, **J. Chen**, K. Campbell, P.L. Bruckner, J.C. Rudd, S. Haley, B.F. Carver, R. Sims, M.E. Sorrells, and E. Akhunov. 2011. Homoeolog-specific patterns of linkage disequilibrium and SNP variation in hexaploidwheat. BMC Genomics 11: 727-744.

Griffey, C.A., W. E. Thomason, R. M. Pitman, B. R. Beahm, P. G. Gundrum, S. Y. Liu, **J.Chen, J. J. Paling, D. W. Dunaway, W. S. Brooks, M. E. Vaughn, J. E. Seago, B. C. Will,E.G. Hokanson, H. D. Behl, R. A. Corbin, T. R. Lewis, M. D. Hall, J. T. Custis, D.E. Starner, S. A. Gulick, S. R. Ashburn, D. L. Whitt, H. E. Bockelman, J. P. Murphy, R. A. Navarro, E. J. Souza, G. L. Brown-Guedira, J. A. Kolmer, D. L. Long, Y. Jin, X. Chen, and S. E. Cambron. 2011. Registration of 1 'SW049029104' Wheat. J. Plant Registration 1: 91-97.

Griffey, C.A., W. E. Thomason, R. M. Pitman, B. R. Beahm, J. J. Paling, **J. Chen, P. G. Gundrum, J. K. Fanelli, D. W. Dunaway, W. S. Brooks, M. E. Vaughn, E. G. Hokanson, H. D. Behl, R. A. Corbin, J. E. Seago, B. C. Will, M. D. Hall, S. Y. Liu, J. T. Custis, D. E. Starner, S. A. Gulick, S. R. Ashburn, E. H. Jones Jr., D. L. Whitt, H. E. Bockelman, E. J. Souza, G. L. Brown-Guedira, J. A. Kolmer, D. L. Long, Y. Jin, X. Chen, and S. E. Cambron. 2011. Registration of 'Merl' wheat. J. Plant Registration 1:68-74.

Hall, M. D., W. Rohrer-Perkins, C. A. Griffey, S. Y. Liu, W. E. Thomason, A. O. Abaye, A. Bullard-Schilling, P. G. Gundrum, J. K. Fanelli, **J. Chen**, W. S. Brooks, J. E. Seago, B. C. Will, E. G. Hokanson, H. D. Behl, R. M. Pitman, J. C. Kenner, M. E. Vaughn, R. A. Corbin, D. W. Dunaway, T. R. Lewis, D. E. Starner, S. A. Gulick, B. R. Beahm, D. L. Whitt, J. B. Lafferty, and G. A. Hareland. 2011. Registration of 'Snowglenn' Winter Durum Wheat. J. Plant Registration 1: 81-86**.**

Chen, J., E.J. Souza, N.A. Bosque-Pérez, M.J. Guttieri, K.L. O'Brien, J.M. Windes, S.O. Guy, B.D. Brown, X.M. Chen, and R.S. Zemetra. 2010. Registration of 'UI Winchester' Wheat. J. Plant Registration 4:1 - 4.

Griffey, C.A., W. E. Thomason, R. M. Pitman, B. R. Beahm, J. J. Paling, **J. Chen, J. K. Fanelli, J. C. Kenner, D. W. Dunaway, W. S. Brooks, M. E. Vaughn, E.G. Hokanson, H. D. Behl, R. A. Corbin, J. T. Custis, C. M. Waldenmaier, D. E. Starner, S. A. Gulick, S. R. Ashburn, D. L. Whitt, H. E. Bockelman, E. J. Souza, D. L. Long, Y. Jin, X. Chen, and S. E. Cambron. 2010. Registration of 'Jamestown' Wheat. J. Plant Registration 4: 28 – 33.

Griffey, C.A., W. E. Thomason, R. M. Pitman, B. R. Beahm, J. J. Paling, **J. Chen, J. K. Fanelli, J. C. Kenner, D. W. Dunaway, W. S. Brooks, M. E. Vaughn, E.G. Hokanson, H. D. Behl, R. A. Corbin, J. T. Custis, C. M. Waldenmaier, D. E. Starner, S. A. Gulick, S. R. Ashburn, D. L. Whitt, H. E. Bockelman, E. J. Souza, D. L. Long, Y. Jin, X. Chen, and S. E. Cambron. 2010. Registration of 'Shirley' Wheat. J. Plant Registration 4: 38 - 43.

Griffey, C.A., W. E. Thomason, R. M. Pitman, B. R. Beahm, J. J. Paling, **J. Chen, J. K. Fanelli, J. C. Kenner, D. W. Dunaway, W. S. Brooks, M. E. Vaughn, E.G. Hokanson, H. D. Behl, R. A. Corbin, J. T. Custis, C. M. Waldenmaier, D. E. Starner, S. A. Gulick, S. R. Ashburn, D. L. Whitt, H. E. Bockelman, E. J. Souza, D. L. Long, Y. Jin, X. Chen, and S. E. Cambron. 2010. Registration of '3434' Wheat. J. Plant Registration 4: 44 - 49.

Chen, J., E. J. Souza, R. S. Zemetra, N. A. Bosque-Pérez, M. J. Guttieri, J. Wheeler, K. M. O'Brien, J. W. Windes, S. O. Guy, B. D. Brown, X. M. Chen. 2009. Registration of 'Cataldo' Spring Wheat. J. Plant Registration 3: 264 – 268.

Griffey, C.A., W. E. Thomason, R. M. Pitman, B. R. Beahm, J. J. Paling, **J. Chen, J. K. Fanelli, J. C. Kenner, D. W. Dunaway, W. S. Brooks, M. E. Vaughn, E.G. Hokanson, H. D. Behl, R. A. Corbin, J. T. Custis, C. M. Waldenmaier, D. E. Starner, S. A. Gulick, S. R. Ashburn, D. L. Whitt, H. E. Bockelman, E. J. Souza, D. L. Long, Y. Jin, X. Chen, and S. E. Cambron. 2009. Registration of 'USG 3555' Wheat. J. Plant Registration 3: 273 - 278.

Griffey, C.A., W. E. Thomason, R. M. Pitman, B. R. Beahm, J. J. Paling, **J. Chen, J. K. Fanelli, J. C. Kenner, D. W. Dunaway, W. S. Brooks, M. E. Vaughn, E.G. Hokanson, H. D. Behl, R. A. Corbin, J. T. Custis, C. M. Waldenmaier, D. E. Starner, S. A. Gulick, S. R. Ashburn, D. L. Whitt, H. E. Bockelman, E. J. Souza, D. L. Long, Y. Jin, X. Chen, and S. E. Cambron. 2009. Registration of '5205' Wheat. J. Plant Registration 3: 283 - 288.

Zhou, K., J. Hao, C. Griffey, H. Chung, S. F. O'Keefe, **J. Chen**, and Sh. Hogan. 2007. Antioxidant Properties of Fusarium Head Blight-Resistant and-Susceptible Soft Red Winter Wheat Grains Grown in Virginia. J. Agric. Food Chem., 2007, 55 (9), 3729-3736.

Chen, J., C. A. Griffey, M. A. Saghai Maroof, E. L. Stromberg, R. M. Biyashev, W. Zhao, M. R. Chappell, T. H. Pridgen, Y. Dong, and Z. Zeng. 2006. Validation of Two Major QTL for *Fusarium* Head Blight Resistance in Chinese Wheat Line W14. Plant Breeding 125: 99-101.

Chen. J., RR-C. Wang, and X.Z. Xue. 1996. RAPD Markers for Common Wheat in Langdon Disomic Substitution Lines. ACTA Genetica Sinica 23(1): 32-39.

******Wang, RR-C., **J. Chen** and L.R. Joppa. 1995. Production and Identification of Chromosome Specific RAPD Markers for Langdon Durum Wheat Disomic Substitution Lines. Crop Science 35: 886-888.

Chen, J. 1989. The Breeding Strategy and Heredity of Wheat Scab Disease Resistance in the Famous Resistant Cultivar-Sumai 3. Shaanxi Agricultural Sciences 2: 8-12.

Peer Reviewed/Evaluated:

Annual Wheat Newsletter:

Griffey, C. A., **J. Chen**, J. A. Wilson, D. Nabati, T. Pridgen, J. Paling. 2005. Fusarium Head Blight Resistance Incorporated into Soft Red Winter Wheat. Annual Wheat Newsletter 51: 235-240.

Wilson, J.A., C.A. Griffey, **J. Chen**, D. Nabati, and T. Pridgen. 2004. Success of Alternative Breeding Methods in Transferring FHB Resistance to Soft Red Winter Wheat. Annual Wheat Newsletter 50: 270-271.

Griffey, C.A., **J. Chen**, T. Pridgen, and M. Chappell. 2001. Breeding for Scab Resistance in Soft Red Winter Wheat. Annual Wheat Newsletter 47:300-303.

Griffey, C.A., **J. Chen**, T. Pridgen, M. Chappell, J. Shaw and W. Xie. 2000. Research Progress on *Fusarium* Head Blight in the Virginia Wheat Breeding Program. 2000. Annual Wheat Newsletter 46:258-259.

Extension publication:

Chen, J., J. Wheeler, W. Zhao, and J.M. Marshall. 2011. Evaluation of resistance to Fusarium head blight in fifty spring wheat cultivars and advanced lines grown in Pacific Northwest. 2011 Small Grains Report, Southcentral and Southeast Idaho Cereals Research and Extension Program, Idaho Agricultural Experiment Station, UI Research Bulletin 180: 108-115.

Marshall, J., K. Bissonnette, and J. Chen. The re-emergence of Fusarium Head Blight in Idaho, 30-12 UI Extension Publication.

Abstracts and Proceedings: (* - graduate student)

Oral talks and published abstracts

Chen, J., Y. Wang, J. Zhang, B. Bowman, S. Nayaky, J. Wheeler, W, Zhao, K. O'Brien, H. Bockelman, and

J. Bonman. 2012. Evaluation and utilization of collection materials to solve Idaho wheat production concerns. Oral presentation and abstract in the proceedings of ASA, CSSA and SSSA Int'l Annual meeting, Cincinnati, OH, Oct.21-24.

Bonman, J.M., H. E. Bockelman, **J. Chen**, B. Bowman, G. Brown-Guidera. 2012. Adding value to the National Small Grains Collection with molecular data. Oral presentation and abstract in the proceedings of 2012 ASA, CSSA and SSSA Int'l Annual meeting, Cincinnati, OH, Oct.21-24.

Chen, J., J. Zhang, C. Chu, P. Li, W. Zhao, J. Clayton, J. Wheeler, E. Souza, and R. Zemetra. 2011. QTLs associated with grain yield and carbon isotope discrimination were mapped in the flanking regions of QTLs associated with plant height and days to heading. Oral presentation and abstract in the proceedings of 2011 ASA, CSSA and SSSA Int'l Annual meeting, San Antonio, TX, Oct.16-19.

Liu, Sh. C. Griffey, M. Hall, A. McKendry, **J. Chen**, G. Brown-Guedira, D. Van Sanford, D. Schmale. 2011. QTL for Scab Resistance In Soft Red Winter Wheat Cultivars. Oral presentation and abstract in the proceedings of 2011 ASA, CSSA and SSSA Int'l Annual meeting, San Antonio, TX, Oct.16-19.

Chen, J., Ch. Chu, E. Souza, X. Chen, M. Guttieri, S. Xu, D. Hole, and R. Zemetra. 2010. Genome-Wide Identification of QTLs Conferring High-Temperature Adult-Plant (HTAP) Resistance to Stripe Rust (Puccinia striiformis f. sp. tritici) In Wheat. Oral presentation and abstract in the proceedings of 2010 ASA, CSSA and SSSA Int'l Annual meeting, Long Beach, CA, Oct. 31 to Nov.3; Oral presentation and abstract in the proceedings of 12th ITMI meeting, Beijing, China, Sep.1 – 3.

Chen, J., J. Zhang, P. Li, W. Zhao, J. Wheeler, and R. Zemetra. 2010. Physiology Breeding for Drought Tolerance at University of Idaho Wheat Breeding and Genetics Program. Oral presentation and abstract in the proceedings of 2010 ASA, CSSA and SSSA Int'l Annual meeting, Long Beach, CA, Oct. 31 to Nov.3. 2010

Liu, Sh., C. Griffey, M. Hall, W. Brooks, A. McKendry, **J. Chen**, G. Brown-Guedira, and D. Van Sanford. 2010. Linkage and Association of Genes for Morphological Traits and Scab Resistance In US Soft Red Winter Wheat Cultivars. Oral presentation and abstract in the proceedings of 2010 ASA, CSSA and SSSA Int'l Annual meeting, Long Beach, CA, Oct. 31 to Nov.3.

Chen, J., K.M. O'Brien, M.J. Guttieri, K. Peterson, E.J. Souza, Ch. Chu, S. Xu, D. See, R. Zemetra, and D. Hole. 2009. Whole genome mapping of the Quantitative Trait Loci (QTL) Associated with End-use Quality of Bread Wheat Grown under Drought Condition. Oral presentation and abstract in the proceedings of 2009 International Plant and Animal Genome XVI Conference, Town & Country Convention Center, San Diego, California Jan. 10-14, 2009.

Liu, Sh., C.A. Griffey, A.L. McKendry, **J. Chen**, M. Hall, V. Sanford, and G. Brown-Guedira. 2009. Markers for Scab Resistance in Native Sources and Its Application in Marker-Assisted Breeding. Oral presentation and abstract in the proceedings of 2009 International Plant and Animal Genome XVI Conference, Town & Country Convention Center, San Diego, California, Jan. 10-14, 2009.

Zemetra, R.S., J.L. Hansen, T. Koehler, **J. Chen**, O. Riera-Lizarazu, J. Leonard, M. Quincke, J. Peterson, C. Mundt, G.K. Campbell, and X. Chen. 2008. Creation of a Multiple-Use Recombinant Inbred Line Population for the Development of Molecular Markers in Soft White Winter Wheat. Manuscript in the Proceeding of the10th International Wheat Genetics Symposium, Australia, Aug. 24-29, 2008.

Chen, J., C. A. Griffey, M.A. Saghai Maroof, J. Fanelli, and J. Paling. 2006. Validation and Genetic Characterization of Three Major QTL for Fusarium Head Blight Resistance in Wheat. Oral presentation and abstract in the proceeding of 2006 ASA-CSSA-SSSA International Annual Meeting, Indianapolis, IN.

Chen, J., C. A. Griffey, M.A. Saghai Maroof, E. Stromberg, R. M. Biyashev, W. Zhao, M. Chappell, and Y. Dong. 2004. Update on QTL Mapping of *Fusarium* Head Blight Resistance in Wheat. Oral presentation and abstrac in the proceedings of 2nd International Symposium on Fusarium Head Blight Incorporating the 8th European Fusarium Seminar. Dec. 11-15, 2004. Wyndham Orlando Resort, Orlando, FL, USA.

Chen, J., C.A. Griffey, J. Wilson, and M.A. Saghai Maroof. 2003. QTL Mapping and Marker Assisted Selection of Fusarium Head Blight Resistance in a Chinese Wheat Line W14. *P*. 342-345. Manuscript in the Proceedings of Tenth International Wheat Genetics Symposium. Sep.1-6, 2003. *Paestum*, Italy. Edited by Norberto E. Pogna, Maurizio Romano, Edgar A. Pogna, and Giovanni Galterio. Printed in Rome by S.I.M.I., Via N. Nisco 3/A – 00179 Roma, Italy.

Chen, J., C.A. Griffey, T. Pridgen, M. Chappell. 2000. Assessment and Rational Utilization of Scab Resistance Sources in the Virginia Wheat Breeding Program. *P*.10-17. Manuscript in the Proceedings of International Wheat Scab Symposium. May 2000. Suzhou and Nanjing, P.R. China.

Chen, J., C.A. Griffey, M.A. Saghai-Maroof, W. Zhao, R.M. Biyashev, W. Xie. 2001. Resistance to *Fusarium* Head Blight and Associated Molecular Markers. Oral presentation and abstrac in the proceedings of 2001 ASA meetings. Charlotte, NC.

Posters and published abstracts

*Zhang, J. **Chen, J**., Y. Wang, B. Bonman, J. Wheeler, W, Zhao, K. O'Brien, J.M. Marshall, H. Bockelman, and J. Bonman. 2012. Association mapping of low falling number in hard white spring wheat collection materials. Poster presentation and abstract in the proceedings of 2012 ASA, CSSA and SSSA Int'l Annual meeting, Cincinnati, OH, Oct.21-24.

*Bowman, B., **J. Chen**, J. Zhang, J. Wheeler, M.J. Bonman, H. Bockelman, E. Jackson, Sh. Chao, N. Heslot, and M. E. Sorrells. 2012. Mining High Water and Nitrogen Use Efficient Wheat (*T. aestivum* L.) Genotypes in the USDA-ARS National Small Grains Collection. Poster presentation and abstract in the proceedings of 2012 International Plant and Animal Genome meeting, San Diego, California, Jan. 14 - 18, 201.

*Zhang, J., **J. Chen**, W, Zhao, J. Wheeler, E. Souza, and R. Zemetra. 2012. Quantitative Trait Loci Associated with Canopy Temperature, Chlorophyll Content Index, and Flag Leaf Senescence in a Recombinant Inbred line Population of Winter Wheat (*Triticum aestivum* L.). Poster presentation and abstract in the proceedings of 2012 International Plant and Animal Genome meeting, San Diego, California, Jan. 14 - 18, 2011.

N.A. Bosque-Pérez, **J. Chen**, L.M. Unger, D.R See, S. Odubiyi, and J. Wheeler. 2012. Marker-assisted breeding for Hessian fly and disease resistance in spring wheat. Poster presentation and abstract in the proceedings of the 20th Biennial International Plant Resistance to Insects Workshop. Minneaplis, Minnesota, April 1-4, 2012.

N.A. Bosque-Pérez, J. Chen, L.M. Unger, D.R. See, S. Odubiyi, and J. Wheeler. 2012. Marker-assisted breeding for Hessian fly and disease resistance in spring wheat. Poster presentation and abstract in the proceedings of Entomological Society of America Pacific Branch Annual Meeting. Portland, Oregon, March 25-28, 2012.

*Zhang, J., **J. Chen**, Ch. Chu, P. Li, W. Zhao, J. Clayton, J. Wheeler, E. Souza, and R. Zemetra. 2011. QTL analysis in a RIL population indicated effects of increasing wheat grain yield through coordinated improvements on yield-related traits. Poster presentation and abstract in the proceedings of 2011 NAPB (National association of plant breeders), annual conference, College Station, TX, May23-25, 2011

*Li, P., **J. Chen**, J. Wheeler, and P. Wu. 2010. Effect of Water Stress on Grain Yield and Three Physiological Traits in Thirty Spring Wheat Genotypes. Poster presentation and abstract in the proceedings of Plant Breeding for Drought Tolerance, Fort Collins, CO, June 24 – 25, 2010.

*Zhang, J., **J. Chen**, P. Li, W. Zhao, E. Souza, and R. Zemetra. 2010. Quantitative trait loci for grain yield in a recombination inbred line population of wheat (*Triticum aestivum* L.). Poster presentation and abstract in the proceedings of Plant Breeding for Drought Tolerance, Fort Collins, CO, June 24-25, 2010.

Chen, J., E. Souza, X. Chen, M. Guttieri, Ch. Chu, S. Xu, D. Hole, and R. Zemetra. 2010. Quantitative trait loci for high-temperature adult-plant resistance to stripe rust (*Puccinia striiformis* f. sp. *tritici*) in a hard red winter wheat germplasm IDO444. Poster presentation and abstract in the proceedings of 2010 International Plant and Animal Genome meeting, San Diego, California, Jan. 10 – 13, 2010.

*Zhang, J., P. Li, W. Zhao, Ch. Chu, E. Souza, and Robert Zemetra, and **J. Chen**. 2010. Identifying quantitative trait loci for canopy temperature, chlorophyll content, and grain yield in a recombination inbred line population of wheat (*Triticum aestivum* L.). Poster presentation and abstract in the proceedings of 2010 International Plant and Animal Genome meeting, San Diego, California, Jan. 10 – 13, 2010.

Hu, G., **J. Chen**, Y. Wu, and Ch. Chu. 2010. Genetic mapping of thirteen drought tolerance candidate genes in wheat (T. *aestivum*). Poster presentation and abstract in the proceedings of 2010 International Plant and Animal Genome meeting, San Diego, California, Jan. 10 – 13, 2010.

Liu, Sh., M.D. Hall, C.A. Griffey, A.L. McKendry, **J. Chen**, G. Brown-Guedira, J.P. Murphy and D.Van Sanford. 2009. Identification of diagnostic markers for scab resistance in US wheat cultivars. Poster presentation and abstract in the proceedings of International Annual Meeting of ASA-CSSA-SSA. Pittsburg, PA. November, 1-5, 2009.

Liu, Sh., M. Hall, C. Griffey, A. McKendry, **J. Chen**, W. Brooks, G. Brown-Gudeara, and D. Van Sanford. 2009. Saturation Mapping of QTL for Scab Resistance in a Virginia Native Source 'Massey'. Poster

presentation and abstract in the proceedings of 2009 National FHB Forum, Orlando, Florida, 7-9 December.

Chen, J., K.M. O'Brien, M.J. Guttieri, K. Peterson, and E.J. Souza. 2008. Evaluation of End-use Quality in Bread Wheat Using a Recombination Inbred Line Population. Poster presentation and abstract in the proceedings of AACC international annual meeting, Honolulu, Hawaii, Sep. 21-24, 2008.

Chen, J., C.A. Griffey, Sh. Chao, and G. Brown-Guedira. 2008. Validation of Six QTL Associated with Fusarium Head Blight Resistance in Adapted Soft Red Winter Wheat. Poster presentation and abstract in the proceedings of 2008 International Plant and Animal Genome XVI Conference, Town & Country Convention Center, San Diego, California, Jan. 12-16, 2008.

Chen, J., C. Hollingsworth, L. Talbert, D. See, J. Marshall, R. Zemetra, and C. Griffey. 2008. Marker-assisted evaluation of FHB resistance in Pacific Northwest Wheat Genotypes. Poster presentation and abstract in the proceedings of 2008 National Fusarium Head Blight Forum, Indianapolis, Indiana, Dec. 4-6, 2008.

Liu, Sh., C.A. Griffey, **J. Chen**, A.L. McKendry, C.H. Sneller, P. Murphy, and G. Brown-Guedira. 2008. Breeding and genomics of Fusarium head blight in soft red winter wheat: research progress and ongoing projects. Poster presentation and abstract in the proceedings of 2008 Joint Annual Meeting, Houston, Texas, Oct.5-9.

Bosque-Pérez, N.A., D.J. Schotzko, **J. Chen**, D.R. See, E.J. Souza, J. Hansen, and R.S. Zemetra. 2008. Marker-assisted selection for resistance to Hessian fly in spring wheat. Poster presentation and abstract in the proceedings of the Eighteen Biennial International Plant Resistance to Insects Workshop, Fort Collins, Colorado, February 10-13, 2008.

Chen, J., J.Windes, R. Zemetra, and C.A. Griffey. 2007. Haplotyping of Known FHB Resistance QTL in Pacific Northwest Wheat Genotypes. Poster presentation and abstract in the proceedings of 2007 National Fusarium Head Blight Forum, Kansas City, Missouri, Dec.2-4, 2007.

Liu, Sh., C.A. Griffey, **J. Chen**, and G. Brown-Guedira. 2007. Pyramiding FHB Resistance QTL using Marker-Assisted Selection in Wheat. Poster presentation and abstract in the proceedings of 2007 National Fusarium Head Blight Forum, Kansas City, Missouri, Dec.2-4, 2007.

Schotzko, D.J., N.A. Bosque-Pérez. E.J. Souza, **J. Chen**, M.J. Guttieri, T. Koehler, and R.S. Zemetra. 2007. Screening spring wheat for resistance to Hessian fly in northern Idaho. Poster presentation and abstract in the proceedings of Entomological Society of America Annual Meeting, San Diego, California, December 9-13, 2007.

Chen, J., J. Fanelli, C. A. Griffey, J. Paling, M.A. Saghai Maroof, and Gina Brown-Guedira. 2006. Progress in Development and MAS of FHB Resistant Wheat Cultivars and Germplasm at Virginia Tech. *P*. 91. Poster presentation and abstract in the proceedings of 2006 National Fusarium Head blight Forum. Dec. 10-12. Sheraton Imperial Hotel, Research Triangle Park, North Carolina. USA.

Chen, J., C. A. Griffey, M.A. Saghai Maroof, J. Fanelli, J. Wilson, T. Pridgen, J. Paling, and D. Nabati. 2006. Validation and Marker-Assisted Selection of Two Major QTL Conditioning Fusarium Head Blight Resistance in Wheat. *P*. 189. Poster presentation and abstract in the proceedings of the International Conference on the Status of Plant & Animal Genome Research. Jan. 14-18, 2006. Town & Country Hotel, San Diego, CA, USA.

Chen, J., C. A. Griffey, M.A. Saghai Maroof. 2005. Prospect for Introgression of Fusarium Head Blight Resistance QTLs into Soft Red Winter Wheat. *P*. 158. Poster presentation and abstract in the proceedings of the International Conference on the Status of Plant & Animal Genome Research. Jan. 15-19, 2005. Town & Country Hotel, San Diego, CA, USA.

Chen, J., C. A. Griffey, M.A. Saghai Maroof, J. Fanelli, J. Wilson, T. Pridgen, J. Paling, D. Nabati, and W. Brooks. 2005. Haplotype Selection of Two Major QTL for Improved Fusarium Head Blight Resistance in Elite Wheat Backgrounds. *P*. 23. Poster presentation and abstract in the proceedings of the 2005 National Fusarium Head blight Forum. Dec. 11-13, 2005. Hilton Milwaukee City Center, Milwaukee, Wisconsin. USA.

Chen, J., C. A. Griffey, M.A. Saghai Maroof, J. Wilson, D. Nabati, and T. Pridgen. 2004. Haplotyping of Unique Near Isogenic Lines for Resistance to *Fusarium* Head Blight in Common Wheat. *P*. 31. Poster presentation and abstract in the proceedings of 2nd International Symposium on Fusarium Head Blight Incorporating the 8th European Fusarium Seminar. Dec. 11-15, 2004. Wyndham Orlando Resort, Orlando, FL, USA. (Abstract).

Griffey, C.A., **J. Chen**, J. A. Wilson, J. Shaw, D. Nabati, M.R. Chappell and T. Pridgen. 2004. *Fusarium* Head Blight Resistance Incorporated into Soft Red Winter Wheat. *P*. 70. Poster presentation and abstract

in the proceedings of 2nd International Symposium on Fusarium Head Blight Incorporating the 8th European Fusarium Seminar. Dec. 11-15, 2004. Wyndham Orlando Resort, Orlando, FL, USA. (Abstract).

Chen, J., C.A. Griffey, and M.A. Saghai Maroof. 2003. QTL Mapping and SSR Genotyping of Fusarium Head Blight Resistance in Virginia Tech Wheat Breeding Program. *P*. 172. Poster presentation and abstract in the proceedings of the International Conference on the Status of Plant & Animal Genome Research. Jan. 11-15, 2003. Town & Country Hotel, San Diego, CA. USA.

Chen, J., C. A. Griffey, R. M.Biyashev, M.A. Saghai Maroof. 2003. QTL Mapping and Marker Assisted Selection of *Fusarium* Head Blight Resistance in Wheat. Poster presentation and abstract in the proceedings of the 1st Central Asian Wheat Conference. June 9-13, 2003. Alma-Ata, Kazakhstan.

Wilson, J.A., C.A. Griffey, **J. Chen**, D. Nabati, and T. Pridgen. 2003. Success of Alternative Breeding Methods in Transferring Fusarium Head Blight Resistance to Soft Red Winter Wheat. *P*. 295-299. Poster presentation and abstract in the proceedings of 2003 National Fusarium Head Blight Forum Proceedings. Dec. 13-15, 2003. Bloomington, MN, USA.

Chen, J., C.A. Griffey, and M.A. Saghai Maroof. 2002. QTL Mapping and SSR Genotyping of Fusarium Head Blight Resistance in Virginia Tech Wheat Breeding Program. *P*. 26 Poster presentation and abstract in the proceedings of 2002 National Fusarium Head Blight Forum. Dec.7-9, 2002. Holiday Inn Cincinnati-airport, Erlanger, KY, USA.

Chen J, C.A.Griffey and Saghai M.A. Maroof. 2001a. Heredity and Molecular Markers for Wheat Scab Resistance. *P*.10-13. Poster presentation and abstract in the proceedings of 2001 National Fusarium Head Blight Forum. Dec.8-10. Holiday Inn Cincinnati-airport, Erlanger, KY, USA.

Chen, J., C.A. Griffey, M. Chappell. 2001b. Efficacy of Haploid Production in Common Wheat. Poster presentation and abstract in the proceedings of 2001 Southern Grain Workers Conference. Griffin, GA, USA.

Griffey, C..A, J. Wilson, D. Nabati, **J. Chen**, T. Pridgen, W. Rohrer, and B. Robinson. 2001. Selective Breeding for Fusarium Head Blight Resistance in Soft Red Winter Wheat. *P*.235-236. Poster presentation and abstract in the proceedings of 2001 National Fusarium Head Blight Forum. Dec.8-10. Holiday Inn Cincinnati-airport, Erlanger, KY, USA.

Chen J., C.A. Griffey, T. Pridgen, M. Chappell, J. Shaw. 2000a. Characterization of Scab (*Fusarium*) Resistance in Wheat. *P*. 91. Poster presentation and abstract in the proceedings of the 3rd International Crop Science Congress. August 17-22. CCH Congress Centrum, Hamburg, Germany.

Chen J., C.A. Griffey, M.A. Saghai Maroof, W.Zhao, W. Xie, T. Prigden and R. M. Biyashev. 2000b. Genetic Analysis of Resistance to Fusarium Head Blight in Common Wheat. *P*.19-24. Poster presentation and abstract in the proceedings of 2000 National Fusarium Head Blight Forum. Dec.10-12. Holiday Inn Cincinnati-airport, Erlanger, KY, USA.

Chappell M., C. Griffey, **J. Chen**, T. Pridgen, D. Nabati, W. Zhao, and M. Vaughn. 2000. Assessment and Reaction of *Triticum aestivum* Genotypes to *Fusarium graminearum* and Its Effects on Traits Related to Grain Yield and Quality. *P*.246-250. Poster presentation and abstract in the proceedings of 2000 National Fusarium Head Blight Forum. December 10-12. Holiday Inn Cincinnati-Airport, Erlanger, KY, USA.

Chen J. and C.A. Griffey. 1999. Haploid Production in Twelve Wheat F_1 by Wheat x Maize Hybridization Method. Poster presentation and abstract in the proceedings of 1999 Eastern & Southern Wheat Workers Conference. 2-4 May, Williamsburg, Virginia.

Griffey C.A. and **J. Chen**. 1999. Research on *Fusarium* Head Blight in the Virginia Tech Small Grains Program. *In*: Proceeding of 1999 Eastern & Southern Wheat Workers Conference. 2-4 May, Williamsburg, Virginia.

Griffey C.A., **J. Chen** and T.Pridgen. 1998. Assessment and Selection of Scab Resistance in Soft Winter Wheat. Vol. 3: 273-275. Poster presentation and abstract in the proceedings of Ninth International Wheat Genetics Symposium, University of Saskatchewan, Saskatchtoon, Canada, 1998.8.

Chen J., X.Z. Xue, D.Cai, K.B. Jenssen and N.J. Chatterton. 1998. Development and Characterization of *Elymus rectisetus* Species and Accession-specific RAPD Markers. Vol. 3: 98-101. Poster presentation and abstract in the proceedings of Ninth International Wheat Genetics Symposium, University of Saskatchewan, Saskatchtoon, Canada, 1998.8.

Griffey C.A., **J. Chen**, E. Stromberg and T. Pridgen. 1997. Assessment and Selection of Scab Resistance in Diverse Resources in Virginia. *P*. 35. Poster presentation and abstract in the proceedings of 1997 National Fusarium Head Blight Forum, St. Paul, Minnesota, USA, 1997.11.

Chen, J., X.Z. Xue, X.Z. Wang and X. Xu. 1995. RAPD Markers for Alien Chromatin Linked to Wheat

Powdery Mildew and Yellow Rust Resistance Genes. *P*. 56. Poster presentation and abstract in the proceedings of 9th Cereal Rusts and Powdery Mildew Conference, Wangeningen, The Netherlands, 1995.9.

Patents and Cultivar Releases:

Since 2007 (project leader)
UI Cataldo Soft White Spring Wheat, 2008
UI Winchester Hard Red Spring Wheat, 2009
VA04W433 and VA04W-474 Soft Red Winter Wheat Germplasm, 2009
UICF-Grace Hard White ClearField Winter Wheat, 2009, PVP filed in 2010 (20100086)
UI Silver Hard White Winter Wheat, 2009, PVP and patent being filed in 2012
UI SRG Hard Red Common Winter Wheat, 2010, PVP being filed in 2012
UI Stone Soft White Common Spring Wheat, 2012, PVP and patent being filed in 2012

Before 2007 (contributor)
VA00W-526 Wheat, 05-032
VA02W-555 Wheat, 07-006
VA02W-370 Jamestown Wheat, 07-007
VA03W409 Shirley Wheat, 08-061
VA01W-205 FFR 5205 Wheat, 08-062
VA04W-90 Soft Red Winter Wheat, 09-100

Grants and Contracts Awarded, since 2007 ($26,638,199), sole spending authority ($1,736,058)

Dubcovsky, Chen et al. "Improving barley and wheat germplasm for changing environments" sponsored by USDA-NIFA, Federal, 25M. SA $510,495 (02/01/2011 – 12/31/2015).
J. Chen. "Phenotyping of NSGC" sponsored by USDA-ARS ATCA, $246,625. SA $246,625 (02/01/2011 – 12/31/2015).
J. Chen, R. Zemetra, and D. Hole. "Developing the Next Generation of Neoclassical Plant Breeders" sponsored by USDA-NIFA, Federal, $249,000. SA $80,000 (01/01/11 – 12/31/14).
J. Chen. "Digging the genetic factors underlying late maturity α-amylase (LMA) in wheat" sponsored by Idaho Wheat Commission, $102,501. Spending authority (SA) $102,501 (07/01/12 – 06/30/13).
J. Chen. "Developing wheat cultivars for Idaho and world markets" sponsored by Idaho Wheat Commission, $138,134. SA $138,134 (07/01/12 – 06/30/13).
J. Chen. "Developing wheat cultivars for Idaho and world markets" sponsored by Idaho Wheat Commission, $137,227. SA $137,227 (07/01/11 – 06/30/12).
J. Chen. "Plot Combine purchase" sponsored by Idaho Wheat Commission, $200,000. SA $200,000 (07/01/11 – 06/30/12).
J. Chen and J. Marshal. "Marker-assisted breeding of fusarium head blight resistance in wheat" sponsored by Idaho Wheat Commission, $19,066. SA $8,000 (07/01/11 – 06/30/12).
J. Marshal, J. Chen, and D. Hole. "Protecting Idaho and PNW Wheat with Dwarf Bunt Resistance Development" sponsored by Idaho Wheat Commission, $44,066. SA $8,250 (07/01/11 – 06/30/12).
J. Chen. "Development of Imazamox resistant winter cultivars" sponsored by BASF, Industry, $14,000. SA $14,000 (1/01/12 – 12/31/12).
J. Chen. "Developing wheat cultivars for Idaho and world markets" sponsored by Idaho Wheat Commission, $97,027. SA $97,027 (07/01/10 – 06/30/11).
J. Chen and J. Marshal. "Genomic-Accelerated Breeding fo Abiotic Stress Resistance in Wheat" sponsored by Idaho Wheat Commission, $37,131. SA $26,066 (07/01/10 – 06/30/11).
J. Chen and J. Marshal. "Marker-assisted breeding of fusarium head blight resistance in wheat" sponsored by Idaho Wheat Commission, $16,066. SA $5,000 (07/01/10 – 06/30/11).
J. Chen. "Development of Imazamox resistant winter cultivars" sponsored by BASF, Industry, $10,000. SA $10,000 (1/01/11 – 12/31/11).
J. Chen. "Developing wheat cultivars for Idaho and world markets" sponsored by Idaho Wheat

Commission, $81,216. SA $81,216 (07/01/09 – 06/30/10).
J. Chen. " Phenotyping of NSGC" sponsored by USDA-ARS SCA, $15,000. SA $15,000. (09/01/10 – 06/30/11).
J. Chen. "Development of Imazamox resistant winter cultivars" sponsored by BASF, Industry, $10,000. SA $10,000 (1/01/10 – 12/31/10).
J. Chen. "Field evaluation of nitrogen use efficiency in spring wheat" sponsored by Arcadia, $5,000. SA $5,000 (4/15/10 – 10/31/10).
J. Chen. "Developing wheat cultivars for Idaho and world markets" sponsored by Idaho Wheat Commission, $91,445. SA $91,445 (07/01/08 – 06/30/09).
J. Chen. "High Power Tractor Purchase" sponsored by Idaho Wheat Commission, $20,000. SA $20,000 (07/01/08 – 06/30/09).
J. Chen. "Development of Imazamox resistant winter cultivars" sponsored by BASF, Industry, $10,000. SA $10,000 (1/01/09 – 12/31/09).
J. Chen. "Developing wheat cultivars for Idaho and world markets" sponsored by Idaho Wheat Commission, $68,700. SA $68,700 (07/01/07 – 06/30/08).
J. Chen. "Development of Imazamox resistant winter cultivars" sponsored by BASF, Industry, $10,000. SA $10,000 (1/01/08 – 12/31/08).

Honors and Awards:

Award of Excellence, by the Western Association of Agricultural Experiment Station Directors, 2012
The Idaho Wheat Commission Aberdeen Wheat Breeding Professorship, by Idaho Wheat Commission Endowment, 2011 - 2020
Dr. Richard C. Heimsch Outstanding Research Award, by Gamma Sigma Delta Awards Committee and College of Agricultural and Life Sciences, 2011
Third Prize of National Invention, Chinese Academy of Agricultural Sciences, 1998
Excellent Performance Prize, China Ministry of Agriculture, China National Plan Committee, China National Sciences and Technology Committee, 1998
Outstanding Fellow from Abroad, Science and Technology Committee of Shaanxi, 1995
21st Century Scientist, Science and Technology Committee of Shaanxi, 1995
The First Progressive Prize of Sciences and Technology, Science and Technology Committee of Shaanxi, 1992

SERVICE:

Major Committee Assignments:

National:
National Wheat Improvement Committee, member, 2011 – current
National Crop Improvement Committee, member, 2012 - current

Regional:
WERA-3381 committee, member, 2012 - current
WERA-1009 committee, member, 2011
WERA-1009 committee, chair, 2010
WERA-1009 committee, co-chair, 2009
WERA-1009, member, 2008

State:
Foundation Seed Stock Committee, member, 2007-present

Departmental:
Member of UI-LCS Steering Committee, 2012 - current
Member of Search Committee for the Plant Geneticist position for USDA-ARS, 2013

Chair of Search Committee for Ag. Seed Technician, 2013
Chair of Search Committee for a post doctorate fellow, 2011
Member of Promotion and Tenure Committee, 2009
Chair of Search Committee for a Support Scientist, 2008

Professional and Scholarly Organizations

Memberships in Professional Society

Crop Science Society of America (2005 – current)
Agronomy Science of America (2007 – current)
Gamma Sigma Delta, the Honor Society of Agriculture, member (2011 – current)

Review Activities

Panelist, USDA-NIFA, Biology of Agricultural Plants Panel, 2011
Reviewer of proposal for NSF-BREAD (2010)
Reviewer of Hatch Hatch proposal for WSU (2011)
Reviewer of Hatch Hatch proposal for UI (2010)
Reviewer of Hatch Hatch proposal for UI (2009)
Reviewer of manuscript for PMC genetics (2010), TAG (2011, 2012), Molecular Breeding (2011, 2012), Journal of Plant Registration (2009 – current), Crop Science (2009 – current), cereal chemistry (2011 - current), Euphytica (2012)

Outreach Service:

Scholarly Events Organized/Chaired

Western Wheat Workers meeting, Co-organized with J. Marshall and R. Zemetra, 2011
Student symposium, Aberdeen, 2009 – 2013

Trade Journals, popular press and newspaper articles:

TCAP Newsletter, 2012 fall issue. Evaluation of WUE and NUE in materials from NSGC.
Idaho Grain Magazine, 2012 spring issue. Evaluation of FHB resistance in PNW spring wheat lines.
Idaho Grain Magazine, 2011 spring issue. Building better wheat.
Idaho Grain Magazine, 2011 summer issue. Idaho wheat breeder to survey gene bank.
Idaho Grain Magazine, 2010 summer issue. Hard white wheat shifts to winter.
Idaho Grain Magazine, 2010 summer issue. Local quest for resistance to fusarium head blight.
Idaho Grain Magazine, 2007 fall issue. Idaho's newest wheat breeder brings needed experience.
AgKnowledge #272, 2012. CALS wheat breeder tackles stripe rust & more
AgKnowledge #271, 2012. IWC boosts support for CALS wheat research
AgKnowledge #260, 2011. APPLIED RESEARCH—If Idaho's climate changes, UI studies may aid grain growers
AgKnowledge #248, 2010. Applied research – Keeping Idaho's $512M wheat crops viable amid heat, drought.
AgKnowledge #246, 2010. New wheats: high yields, pest resistance.
AgKnowledge #238, 2009. CROPS—Growers benefit from improved varieties of potatoes, wheat, and beans.
AgKnowledge #222, 2008. New grains released by Idaho researchers address quality, pest resistance issues.
Ag News, 2010. UI Releases two new hard white winter wheats.
Aginfo.net, 2010. Some new hard white winter wheats.
Programs & People. 2010. What's next? Hard whites and other 21 century priorities.
Farmer-Stockman. 2009. Idaho's Big Wheat Push.

Scholarly Presentations

Chen, J. UI hard white wheat program update. Gave a talk to Taiwan Trade Team. Idaho Falls, July, 2012.

Chen, J. Do you want to visit China? Aberdeen Women Association, Jan. 2012
Chen, J. FHB resistance in PNW spring wheat. Cereal school at Pocatello, Burley, and Idaho Falls, Feb. 2012.
Chen, J. 2011. Aberdeen Wheat Breeding and Genetics Program Update. Power county grower's association meeting. Fairview Inn, America Falls, 2008 - 2011
Chen, J. and D. Hole. 2011. TCAP project update presented to Northwest A & F University delegation from China, USU, Mar, 2011
Chen, J. Why you choose plant breeding for our career? Seminar given to summer students at UI and ARS. Aberdeen, July, 2010
Gary Hagen and Craig Bohach. FY2010 UI Vandalathon with UI Leadership and congressional staffers. Feb. 2010, Moscow. Provided slides for Administrators
Chen, J. Job Fair for middle school students, Oct, 2009, America Falls, ID
Chen, J. Breeding for end-use quality, presented to Kraft team, Oct. 2009, Aberdeen, ID
Chen, J. Overview of UI wheat breeding program, presented to Dana Peterson, policy specialist from Kansas Commission, Blaine and Hans from IWC. Oct. 2009, Aberdeen, ID
Chen, J. Overview of Idaho Wheat Breeding Program. Presented to wheat growers at Wheat Marketing Center (WMC), Portland, OR, Jan, 2009
Chen, J. Breeding for desirable end-use quality. Presented to cooperators from Oversea customers, Moscow, ID, June, 2008
Chen, J. Wheat varieties and their end-use quality. Gave talk to Pendleton Mills, Sep. 2008
Chen, J. Developing hard white wheat. Gave a talk to Taiwan Trade Team. Oct. 2008, Boise, ID

Field presentations
Field day tours to people from IWC and industry, UI Stone and other new releases, July, 2012
General Mill field day, UI Stone and other new releases, July, 2012
Idaho Falls field day, UI Stone and other new releases, July, 2012
UI-LCS field day, Update of variety development, July 9, 2012
Rockland and Arbon field days, Update of variety development, June 22, 2012
Field tour to a Chinese delegation in Aberdeen, Evaluation and selection of Dwarf bunt lines, Aug. 28, 2011
Field tour for an Ethiopia Team, Variety development and research update, August 19, 2011
Aberdeen field day, Variety development and research update, July 21, 2011
General Mill Field Day, Variety development and research update, July 19, 2011
Field tour for Western Wheat Workers meeting, Variety development and research update, June 29, 2011
Rockland and Arbon field days, Update of variety development, June 23, 2011
Rockland and Arbon field days, Update of variety development, June 17, 2010
Rockland field day, Update of variety development, June 22, 2009
Arbon field day, Update of variety development, June 23, 2009
Aberdeen field day, Update of variety development, July 16, 2009
Field tour for Ethiopians, Morrell Financial Stewardship, and Morrell Agro-Industries, Development PLC in Utah, Variety development and research update, July 16, 2009
Lab tour for Mexican miller team, Breeding for end-use quality, Oct. 2009
Rockland field day, Update of variety development June 22, 2008
Arbon field day, Update of variety development June 23, 2008
Aberdeen field day, Update of variety development July 16, 2008
Kimberly field day, Update of variety development July 22, 2008
Moscow field day, Update of variety development June 16, 2007
Burley field day, Update of variety development June 22, 2007
Aberdeen field day, Update of variety development July 15, 2007

Public-industry interaction:
Research and marketing development with IWC
MTA development with BASF
MTA development with Dow AgroSci
UI-LCS Agreement and MTA development with LCS
MTA development with Bayer AgroSci

Research and marketing development with Monsanto
Research development with Nabisco
Research development with Syngenta
Research development with Sun Grain
Research development with ConAgra Mills
Research development with General Mills
Research development with Pendleton Mills

International Collaboration:
Research development with scientists from Brazil, China, and Australia