

CURRICULUM VITAE

XINWANG WANG

Assistant Professor

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EUCATION

1998. Ph.D., Plant Genetics and Breeding, China Agricultural University.

1990. MS, Plant Genetics and Breeding, Henan Agricultural University.

1986. BA, Plant Genetics and Breeding, Huazhong Agricultural University.

PROFESSIONAL EXPERIENCE

Jan.2009—present. Assistant professor. Texas AgriLife Research and Extension Urban Solutions Center. Dallas, TX. Expertise: **Ornamental breeding and genetics**

- ◆ Rose and crape myrtle breeding and genetics.
- ◆ Development and exploitation of bioenergy crops (switchgrass and amaranth).
- ◆ Evaluation of existing genetic resources abiotic and biotic stresses.
- ◆ Marker development and molecular ID establishment for ornamental genetic resources.
- ◆ Genetic/cellular tools development for ornamental plants and gene isolation of useful traits.

Jul.2004—Dec 2008. Postdoctoral research associate. Department of Entomology and Plant Pathology, the University of Tennessee, Knoxville, TN. Expertise: **Ornamental breeding and genetics**

- ◆ Microsatellite discovery in flowering Dogwood (*Cornus florida* L.).
- ◆ The diversity analysis with microsatellite markers in different dogwood varieties and lines.
- ◆ Genomic comparison between *Cornus florida* and *Cornus kousa*.
- ◆ Microsatellite linkage map construction in flowering dogwood (*Cornus florida* L.).

Jan.2000—Jan.2004. STA Fellow (2000-2002) and Research Scientist (2003-2004) in National Institute of Agrobiological Resources (NIAS), Japan. Expertise: **Legume species molecular breeding**

- ◆ AFLP linkage and physical map constructions in model legume *Lotus*.
- ◆ Trained two trainees and visiting researchers.
- ◆ SSR library construction and polymorphism analysis in azuki bean.

Jul.1998—Dec.1999. Research Associate. State Key Laboratory of Plant Cell and Chromosome Engineering, Institute of Genetics, Chinese Academy of Sciences. Expertise: **Wheat Genetics**

- ◆ The mapping of a powdery mildew resistant gene (*Pm20*) in common wheat.
- ◆ Instructed two master students for lab experiments and one trainee from other university.

Sep.1995—Jun.1998. Teacher Assistant. Department of Plant Genetics and Breeding, China Agricultural University. Expertise: **Wheat molecular breeding and Genetics**

- ◆ Majored in wheat breeding. Ph.D. thesis: Molecular markers of *Ph1* (pairing homoeologous) gene and marker-assisted selection in common wheat.
- ◆ Teach one specific topic “Molecular Breeding in Plants” for senior college students.
- ◆ Teacher assistant of wheat breeding for undergraduate students.

Jul.1990—Aug.1995. Research Assistant Scientist and Cotton Breeder. Henan Academy of Agricultural Sciences. Expertise: **Cotton breeding**

- ◆ PI of a plant physiological project sponsored by Henan Science and Technology Committee.
- ◆ Cotton breeding.

- ◆ Extension of developing new agricultural technologies in Shangqu City, Henan Province.
- ◆ Served as a regular writer for Henan Science and Technology Newspaper.
- Jul.1986—Aug.1987. Extension Specialist. Agricultural Bureau of Xinzhou County, Wuhan, China,
- ◆ Extension of new agricultural science and technology applications.
- ◆ A team leader of six of a program “Development and Extension of Hybrid Rice in Xinzhou County, Wuhan, China”.

HONORS AND AWARDS

- 2011 National Foundation Science (NSF) Regional Meeting Fellowship
- 2006 One national patent submission (USA): A novel approach to identifying simple sequence repeats (SSRs) or microsatellites.
- 2000 Science and Technology Agency (STA) Postdoctoral Research Award, Japan Science and Technology Corporation (JST), Japan.
- 1997 A University President award in the China Agriculture University.
- 1995 A Third Award of Science and Technology of China, China.
- 1994 A Second Award of the Science and Technology of Henan Province, China.

TEACHING EXPERIENCE

- 1988. Teaching assistant, graduate course “Basic Statistics and Application on Crops”, including as lecturer of half semester.
- 1996. Teaching assistant, undergraduate course “Basic Principals of Plant Breeding”.
- 1997. Teaching assistant, graduate course “Molecular Breeding in Crops”.

RESEARCH INTERESTS:

- ◆ Breeding, development and improvement of cultivars of ornamental species (crape myrtle, rose and hibiscus etc.) by molecular and traditional methodologies.
- ◆ Wild germplasm collection, evaluation and application to enhance breeding gene pool.
- ◆ Ornamental genomic mapping and identification of molecular markers closely associated with important horticultural traits.
- ◆ Marker-assisted breeding and map-based cloning of important genes from ornamental species to accelerate breeding process.
- ◆ Use of genetic transformation tools to manipulate or engineer ornamental species against environmental stress (cold hardiness, drought, salinity/alkalinity etc.) and insect and pathogen damages.
- ◆ I am also interested in getting involved in ornamental horticulture training and local/national/international marketing.

PROFESSIONAL ACTIVITIES

1. Social associations

- ◆ Member of Japanese Society of Plant Breeding (2000-2004).
- ◆ Member of American Society of Plant Biologists (ASPB)
- ◆ Member of the American Association for the Advancement of Science (AAAS).
- ◆ Member of the American Society for Horticultural Science (ASHS)
- ◆ Texas Nursery & Landscape Association (TNLA).

2. Journal reviewer (*ad hoc*)

- ◆ Journal of HortScience
- ◆ Scientia Horticulturae
- ◆ Mycopathologia

- ◆ Journal of American Society of Horticultural Science
- ◆ Plant Sciences
- ◆ Pakistan J. of Agricultural Sciences
- ◆ China Agricultural Sciences
- ◆ The 3rd International Symposium on Bio- and Medical Informatics and Cybernetics (BMIC 2009 reviewer)
- ◆ Student Research Poster Competition at the 2010 Texas A&M AgriLife Conference, College Station (judge)
- ◆ 9th Texas A&M University System Pathways to the Dotorate student research symposium 2011 (poster judge)

3. Proposal reviewer

- ◆ USAID-HortCRSP proposal review (three proposals), 2010
- ◆ NIH Review panel program, 2011

PUBLICATIONS

Peer-reviewed publications:

1. Akond, M., S. Jin, and **X. Wang***. 2012. Molecular characterization of selected wild species and miniature roses based on SSR markers. *Scientia Horticulturae* 147:89-97. *Corresponding author.
2. **Wang, X***, P.A. Wadl, A. Wood-Jones, G.Windham, R.N. Trigiano, M.Scruggs, C. Pilgrim, and R.Baird. 2012. Characterization of Expressed Sequence Tag-Derived Simple Sequence Repeat Markers for *Aspergillus flavus*: Emphasis on Variability of Isolates from the Southern United States. *Mycopathologia* in press. *Corresponding author.
3. Hadziabdic, D., **X. Wang**, P.A. Wadl, T. A. Rinehart, B. H. Ownley and R.N. Trigiano. 2012. Genetic diversity of flowering dogwood in the Great Smoky Mountains National Park. *Tree Genetics and Genomes* 8 (4):855-871.
4. Akond, M. C. Pounders, E. Blythe, and **X. Wang***. 2012. Viability and Longevity of Crapemyrtle Pollen Stored at Different Temperatures. *Scientia Horticulturae* 139:53-57. *Corresponding author.
5. Yuan, J.S. **X. Wang** and N. Steward. 2011. Biomass feedstock: diversity as a solution. *Biofuels* 2(5): 491-493.
6. Dean, D., P. A. Wadl, **X. Wang**, W. E. Klingeman, B. H. Ownley, T. Rinehart, B. E. Scheffler, and R. N. Trigiano. 2011. Screening and characterization of 11 novel microsatellite markers from *Viburnum dilatatum*. *HortScience* 46 (11):1456-1459.
7. La Mantia J*, **X. Wang***, M.L. Binzel and A. Chandra. 2011. Isolation and characterization of eight polymorphic microsatellite loci from *Zoysia matrella* (L.) Merr. *Journal of Plant Genetics and Transgenics*. 2(1):1-4. *Equal contribution
8. Wadl, P. A., A. M. Saxton, **X. Wang**, V. R. Pantalone, T. A. Rinehart, and R. N. Trigiano. 2011. Quantitative traits loci associated with red foliage in *Cornus florida* L. *Mol. Breed.* 27(3):409-416.
9. **Wang X.**, P.A. Wadl, C. Pounders, R. N. Trigiano, R. I. Cabrera, B.E. Scheffler, M. Pooler, and T. A. Rinehart. 2011. Evaluation of genetic diversity and pedigree within crapemyrtle cultivars using simple sequence repeat (SSR) markers. *J. Amer. Soc. Hort. Sci.* 136(2):116-128.
10. Wadl P.A, **X. Wang**, V. R. Pantalone and R. N. Trigiano. 2010. Inheritance of red foliage in flowering dogwood (*Cornus florida* L.). *Euphytica* 176:99–104.
11. Hadziabdic D., B. Fitzpatrick, **X. Wang**, B.H. Ownley, P.A. Wadl, M.T. Windham, and R. N. Trigiano. 2010. Genetic diversity of flowering dogwood maintained despite massive mortality caused by dogwood anthracnose. *Genetica* 138:1047-1057.

12. Wadl P.A., **X. Wang**, J.K. Moulton, S.C. Hokanson, J.A. Skinner, T.A. Rinehart, S.M. Reed, V.R. Pantalone, and R. N. Trigiano. 2010. Transfer of *Cornus florida* and *C. kousa* Simple Sequence Repeats to Selected *Cornus* (Cornaceae) Species. *J. Amer. Soc. Hort. Sci.* 135(3): 279-288.
13. **Wang X.**, D. Dean, P. Wadl, D. Hadziabdic, B. Scheffler, T. Rinehart, R. Cabrera and R. Trigiano. 2010. Development of Microsatellite Markers from Crape Myrtle (*Lagerstroemia* L.). *HortSci.* 45(5):842-844.
14. Baird R.E., P.A. Wadl, T.T. Allen, D. McNeill, **X. Wang**, J.K. Moulton, T.A. Rinehart, H.K. Abbas, T. Shier, and R.N. Trigiano. 2010. Variability of United States isolates of *Macrophomina phaseolina* based on simple sequence repeats and cross genus transferability to related Botryosphaeraceae genera. *Mycopathologia* 170:169-180.
15. Yuan J.S., L.G. Abercrombie, Y. Cao, M.D. Halfhill, X. Zhou, Y. Peng, J. Hu, M.R. Rao, G.R. Heck, T.J. Larosa, R.D. Sammons, **X. Wang**, P. Ranja, D.H. Johnson, P.A. Wadl, B.E. Scheffler, T.A. Rinehart, R.N. Trigiano, and C.N. Stewart, Jr. 2010. Functional genomics analysis of horseweed (*Conyza Canadensis*) with special reference to the evolution of non-target-site glyphosate resistance. *Weed Sciences.* 58:109-117.
16. **Wang X.**, T.A. Rinehart, P.A. Wadl, J.M. Spiers, D.H. Johnson, M.T. Windham, and R.N. Trigiano. 2009. A new electrophoresis technique to separate microsatellite alleles. *African J. of Biotechnology* 8:2432-2436.
17. **Wang X.**, L.L. Good, D.H. Johnson, P.A. Wadl, D.R. Panthee, B.E. Scheffler, T.A. Rinehart, N.R. Stewart, J.S. Yuan, C.N. Stewart, and R.N. Trigiano. 2009. Microsatellites from *Conyza Canadensis* (Horseweed). In Molecular Ecology Resources Primer Development Consortium, et al. 2009: Permanent genetic resources added to Molecular Ecology Resources database 1 January 2009–30 April 2009. *Mol. Ecol. Resource* 9:1375–1379.
18. Kanetis L., **X. Wang**, P. A. Wadl, K. Neufeld, G. Holmes , P.S. Ojiambo, M. A. Cubeta, and R.N. Trigiano. 2009. Microsatellite loci from the cucurbit downy mildew pathogen *Pseudoperonospora cubensis*. In Molecular Ecology Resources Primer Development Consortium, et al. 2009: Permanent genetic resources added to Molecular Ecology Resources database 1 May 2009–31 August 2009. *Mol. Ecol. Resource* 9(6): 1460-1466.
19. Baird R.E., P.A. Wadl, **X. Wang**, D. Hadziabdic, T.A. Rinehart, H.K. Abbas, T. Shier, and R. N. Trigiano. 2009. Microsatellites from the charcoal rot fungus (*Macrophomina phaseolina*). *Mol. Ecol. Resources* 9(3):946-948.
20. **Wang X.**, P.A. Wadl, T.A. Rinehart, B.E. Scheffler, M.T. Windham, J.M. Spiers, D.H. Johnson, and R.N. Trigiano. 2009. A linkage map for flowering dogwood (*Cornus florida* L) based on microsatellite markers. *Euphytica* 165: 165-175.
21. Wadl P.A.*, **X. Wang***, A.N. Trigiano, J.A. Skinner, M.T. Windham, and R.N. Trigiano. 2009. Molecular identification keys for cultivars and lines of *Cornus florida* and *C. kousa* based on simple sequence repeat loci. *J. Amer. Soc. Hort. Sci.* 133:783-793. *Equal contribution
22. **Wang X.**, S. Sato, S. Tabata, and S. Kawasaki. 2008. A high-density linkage map of *Lotus japonicus* based on AFLP and SSR markers. *DNA Research.* 15:323-332.
23. **Wang X.**, R.N. Trigiano, M.T. Windham, B.E. Scheffler, T.A. Rinehart, and J. Spiers. 2008. Development and characterization of Simple Sequence Repeats for flowering dogwood. *Tree Genetics and Genomes* 4: 461-468.
24. Wadl P.A., **X. Wang**, B.E. Scheffler, T.A. Rinehart, and R.N. Trigiano. 2008. Microsatellites from kousa dogwood (*Cornus kousa*). *Mol. Ecol. Resources* 8: 780-782.
25. **Wang X.**, R.N. Trigiano, M.T. Windham, R.E. DeVries, B.E. Scheffler, T.A. Rinehart, and J.M. Spiers. 2007. A simple PCR procedure for discovering microsatellites from small insert libraries. *Mol. Ecol. Notes* 7:558-561.
26. Smith N.R., R.N. Trigiano, M.T. Windham, K.H. Lamour, L. S. Finley, **X. Wang**, and T.A. Rinehart. 2007. AFLP markers identify *Cornus florida* cultivars and lines. *J. of Amer. Soc. of Horti. Sci.* 132:

1-7.

27. Sandal N., T.R. Petersen, J. Murray, Y. Umehara, B. Karas, K. Yano, H. Kumagai, M. Yoshikawa, K. Saito, M. Hayashi, Y. Murakami, **X. Wang**, et al. 2006. Genetics of symbiosis in *Lotus japonicus*: Recombinant inbred lines, comparative genetic maps and map position of 36 symbiotic loci. *Mol. Plant Microbe Inter.* 19:80-91.
28. Han OK, A. Kaga, T. Isemura, **X. Wang**, N. Tomooka, and D.A. Vaughan. 2005. A genetic linkage map for azuki bean [*Vigna angularis* (Willd.) Ohwi & Ohashi]. *Theor. Appl. Genet.* 111:1278-1287.
29. **Wang X.**, A. Kaga, N. Tomooka, and D.A. Vaughan. 2004. The development of SSR markers by a new method in plants and their application to gene flow studies in azuki bean [*Vigna angularis* (Willd.) Ohwi & Ohashi]. *Theor. Appl. Genet.* 109:352-360.
30. Zong X.X., A. Kaga, N. Tomooka, **X. Wang**, O.K. Han, and D.A. Vaughan. 2003. The genetic diversity of *Vigna angularis* complex in Asia. *Genome* 46: 647-658.
31. Chaitieng B., A. Kaga, O.K. Han, **X. Wang**, S. Wongkaew, P. Laosuwan, N. Tomooka, and D.A. Vaughan. 2002. Mapping a new source of resistance to powdery mildew (*Erysiphe polygoni* DC.) in mungbean [*Vigna radiata* (L.) Wilczek]. *Plant Breeding* 121(6):521-525.
32. **Wang X.**, J. Lai, G. Liu, and F. Chen. 2002. Development of a SCAR marker of the *Ph1* Gene in common wheat (*Triticum aestivum* L.). *Crop Sci.* 42: 1365-1368.
33. Federici M.T., D.A. Vaughan, N. Tomooka, A. Kaga, **X. Wang**, and K. Doi. 2001. Analysis of Uruguayan weedy rice genetic diversity using AFLP molecular markers. *Electronic Journal of Biotechnology* 4(3):130-145.

Followings are in Chinese with English abstract

34. Zong, X.X., D.A. Vaughan, N. Tomooka, A. Kaga, **X. Wang**, J.P.Guan, and S.M. Wang. 2003. Preliminary study on geographical distribution and evolutionary relationships between cultivated and wild azuki bean (*Vigna angularis* var.*angularis* and var.*nipponensis*) by AFLP analysis. *Scientia Agricultura Sinica* 36(4): 367-374. (In Chinese with English summary)
35. **Wang X.W.**, J.L. Wang, L.H. Zhu, and W.J. Zhang. 2001. AFLP mapping for powdery mildew resistant gene, *Pm20*, in common wheat. *Chinese Science Bulletin* 46(8):666-669. (In Chinese with English summary)
36. **Wang X.W.**, J.R. Lai, and G.T. Liu. 2000. Constructions of elite *ph1b* winter wheat lines and the application of the marker-assisted selection. *Acta Agronomica Sinica* 26(3):327-332. (In Chinese with English summary)
37. **Wang X.W.**, J.R. Lai, L.H. Chen, G.T. Liu. 2000. Molecular markers of *Ph1* gene in Chinese Spring and development of winter wheat new line harboring *ph1b* gene. *Acta Botanica Sinica* 42(3): 274-278. (In Chinese with English summary)
38. **Wang X.W.**, J.R. Lai, D.N. Yao and G.T. Liu. 1999. Identification of RAPD markers for *Ph1* gene in common wheat Chinese Spring. *Acta Agri. Biotech.* 7:29-35. (In Chinese with English summary)
39. Yao D.N., **X.W. Wang**, Z.Y. Liu, and G.T. Liu. 1999. Identification of Waxy protein by electrophoresis and PCR techniques in common wheat. *J. of Agri. Biotech.* 7 (1): 1-9. (In Chinese with English summary)
40. Chen L.H., **X.W. Wang**, D.F. Hu, and G.T. Liu. 1999. The transformation of herbicide-resistant *EPSPs* gene into wheat. *Acta Genetics* 26(3):239-243. (In Chinese with English summary)
41. Chen L.H., **X.W. Wang**, D.F. Hu, and G.T. Liu. 1999. The transformation of High molecular weight (HMW) subunit *IDx5* and *IDy10* genes into common wheat. *Acta Agronomica* 25(4): 437- 440. (In Chinese with English summary)
42. **Wang X.W.**, J.R. Lai, L.H. Chen and G.T. Liu. 1998. Molecular identification of Chinese Spring *ph1b* mutant. *Scientia Agricultura Sinica* 31(5): 31-34. (In Chinese with English summary)
43. Chen L.H., **X.W. Wang**, D.F. Hu, and G.T. Liu. 1997. The transient expression of *gus* gene in common wheat. *Acta Agriculturae Boreall-Sinica* 13(1):1-5. (In Chinese with English summary)

44. Luo L.G., **.W. Wang** and S. Luo. 1997. Application of molecular markers in crop breeding. *Acta Agriculture of Jiangxi* 9(1):45-54. (In Chinese with English summary)
45. **Wang X.W.**, J.R. Lai and G.T. Liu. 1997. The studies on *Ph1*, a homoeologous pairing suppresser gene in common wheat. *Acta Agriculturae Boreall-Sinica* 12(1):34-40. (In Chinese with English summary)
46. Wang H.P., F.Q. Feng, D.Y. Xie, **X.W. Wang**, and H.Y. Zhang. 1997. Breeding of new short-season cotton variety, Yu-mian 12. *J. of Henan Agri. Sci.* 6: 11-12. (in Chinese)
47. **Wang X.W.**, J.R. Lai, L.B. Zhang, and L. Fan. 1996. Effects of recurrent selection on populations of various generations in wheat by using the Tai Gu single dominant male-sterile gene. *J. of Agri. Sci.* 26: 397-402. (In English)
48. **Wang X.W.**, H.P. Wang, J.Y. Li, and F.Q. Feng. 1995. The enzyme activities and the level of lipid peroxidation upland cotton at different development stages. *Acta Agronomica* 21:215-222. (In Chinese with English summary)
49. **Wang X.W.**, H.P. Wang and F.Q. Feng. 1994. The transplant technology of cotton seedling. *China Cotton* 21(4):24. (In Chinese)
50. Feng F.Q., H.P. Wang and **X.W. Wang**. 1994. The study on the distribution of short- season cotton fruits. *China Cotton* 21(12):12-13. (In Chinese)
51. Li J.Y., **X.W. Wang**, R.H. Ge, J. Zhao, and L. Xu. 1993. The stable analysis of yield components of new short season cotton line "Yumian 1109". *J. of Henan Agri. Sci.* 1:4-5 (In Chinese)
52. **Wang X.W.**, L.B. Zhang, and L. Fan. 1993. Genetic effects of a dominant male sterile gene on F₁ in common wheat. *Hereditas* (Beijing), 3:19-22. (In Chinese with English summary)
53. **Wang X.W.**, L.B. Zhang, and L. Fan. 1993. Selection for several important characters in Tai Gu male-sterile wheat. *Scientia Agricultura Sinica*, 26:27-32. (In Chinese with English summary)
54. **Wang X.W.**, H.P. Wang, F.Q. Feng, J.Y. Li, P. Zhang, and T. Zhang. 1993. The quantifiable analysis of yield components of new short season cotton line "Yumian 1109". *Henan Agri. Sci.* 1:6-8. (In Chinese)
55. **Wang X.W.**, L.B. Zhang and L. Fan. 1992. Applied research of recurrent selection on population of various generations in Tai Gu male sterile wheat. *Acta Agriculturae Universitatis Henanensis* 26: 325-330. (In Chinese with English summary)
56. **Wang X.W.**, L.B. Zhang, and L. Fan. 1991. Improvement effect of recurrent selection on wheat by using Taigu single dominant male sterile gene. *Acta Agriculturae Boreall-Sinica* 6:7-12. (In Chinese with English summary)

Abstracts and Presentations:

1. **Wang X.** and M. Akond, 2012. An Initiative Molecular Strategy of Amaranth Breeding for Biomass and Feedstock. Plant and Animal Genome XIV. P0722. San Diego, USA.
2. **Wang X.** and M. Akond, R. I. Cabrera, and J. Reinert. 2011. Evaluation of wild rosa species on horticultural traits for breeding. ASHS Annual Conference, Waikoloa, Hawaii.
3. **Wang, X.**, M. Akond, and C. Ponders. 2011. Identification of inter-specific hybrids in *Lagerstroemia* using SSR markers. 5th Annual Plant Breeding Meeting Coordinating Committee Meeting, 1st Annual National Association of Plant Breeders Meeting. College Station, TX.
4. Hadziabdic D., **X. Wang**, P. A. Wadl, T.A. Rinehart, B. H. Ownley, M. T. Windham, and R. N., Trigiano. 2011. Evaluation of genetic structure of flowering dogwood in the Great Smoky Mountains National Park. ASHS Annual Conference, Waikoloa, Hawaii.
5. Dean D., P. Wadl, R. Trigiano and **X. Wang**. 2011. Characterization of eleven novel microsatellite markers from *Viburnum dilatatum*. ASHS Annual Conference, Waikoloa, Hawaii.

6. **Wang X.**, M. Akond, R. Cabrera and J. Reinert. 2011. Seed Stratification, Germiantion and Greenhouse Performance of Diverse Rose Species. The 56th Annual SNA Research Conference, Southern Nursery Association. Mobile, AL, USA. (Proceeding)
7. Akond, M., C. Pounders and **X.Wang**. 2011. Influence of storage temperature on the viability of crape myrtle (*Lagerstroemia* app.) pollen. The 56th Annual SNA Research Conference, Southern Nursery Association. Mobile, AL, USA. (Proceeding)
8. Wadl, P. A., **X. Wang**, A. M. Saxton, T. A. Rinehart, B.E. Scheffler, V.R. Pantalone, and R. N. Trigiano. 2011. Advances in molecular breeding of flowering dogwood (*Cornus florida* L.). Plant and Animal Genome XIX Conference, San Diego, USA.
9. **Wang X., C. Pounders and T. Rinehart**. 2010. Verification of inter-specific hybrids in *Lagerstroemia* using SSR markers. 4th Annual Plant Breeding Meeting. Pioneer Hi-Bred International, Johnston, Iowa.
10. **Wang X.**, A. Genovesi, C. Pounders, and R.I. Cabrera. 2010. A preliminary report on the use of embryo rescue techniques with intra- and interspecific hybrids in crape myrtle (*Lagerstroemia* L). ASHS Annual Conference. Palm Desert, California, USA. (Presentation)
11. Hadziabdic D., B. M. Fitzpatrick, **X. Wang**, P. Wadl, T. Rinehart, M. Windham, and R. Trigiano. 2010. Genetic diversity of flowering dogwood maintained despite massive mortality caused by dogwood anthracnose. ASHS Annual Conference. Palm Desert, California, USA.
12. Hadziabdic, D., B. M. Fitzpatrick, **X. Wang**, P. A. Wadl, T. A. Rhinehart, B. H. Ownley, M. T. Windham, and R. N. Trigiano. 2010. Fine scale genetic structure of flowering dogwood in the Great Smoky Mountains National Park. *Phytopathology* 100:S45.
13. **Wang X.**, C. Pounders, R. I. Cabrera, T. Rinehart and J. McCormick. 2010. Inter- and intra-specific hybrid breeding in crape myrtle (*Lagerstroemia*). The 55th Annual SNA Research Conference Proceeding, Southern Nursery Association. Mobile, AL, USA.
14. **Wang X.**, J. A. Reinert and R. I. Cabrera. 2010. Identification of unknown crape myrtle cultivar with SSR molecular markers. The 55th Annual SNA Research Conference Proceeding, Southern Nursery Association. Mobile, AL, USA.
15. **Wang X.**, P.A. Wadl, B.E. Scheffler, T.A. Rinehart, A.M. Gann, S.M. Reed, M.T. Windham, and R.N. Trigiano. Applications of microsatellites in two big bracted dogwood species, flowering and kousa dogwood. ASHS Annual Conference. Orlando, Florida, USA.
16. **Wang X.**, R.N. Trigiano, M.T. Windham, B.E. Scheffler, T.A. Rinehart, and J.M. Spiers. Microsatellites and their application in flowering dogwood (*Cornus florida* L.). Plant Biology & Botany Join Congress. Chicago, Illinois, USA.
17. **Wang X.**, A.M. Gann S.M. Reed, W.T. Windham, and R.N. Trigiano. Identification of interspecific hybrids between *Cornus kousa* and *C. florida* L. using SSR markers. ASHS Annual Conference. Scottsdale, Arizona, USA. *HortSci.*, 42(4):919-1022.
18. Wadl P.A, **X. Wang**, T.A. Rinehart, and R.N. Trigiano. Development of microsatellite (SSR) markers from kousa dogwood. ASHS Annual Conference. Scottsdale, Arizona, USA. *HortSci.*, 42(4): 919-1022.
19. Wadl P.A, J.A. Skinner, **X. Wang**, T.A. Rinehart, S.M. Reed, V.R. Pantalone, W.T. Windham, and R.N. Trigiano. Breeding intra and inter specific *Cornus* species. The 52nd Annual SNA Research Conference, Southern Nursery Association. Atlanta, GA, USA.
20. **Wang X.**, R.N. Trigiano, M.T. Windham, T.A. Rinehart, and J.M. Spiers. 2007. A novel microsatellite array in flowering dogwood (*Cornus Florida*) with device— HDA-GT12™. Plant and Annimal Genome XIV. P155 (page140). San Diego, USA.
21. **Wang X.**, R.N. Trigiano, M.T. Windham, R. DeVries, T.A. Rinehart, J.M. Spiers, and Brain E. Scheffler. 2006. Analysis of Genetic Diversity in Selected *Cornus* Species Using SSR Markers. The 51st Annual SNA Research Conference, Southern Nursery Association. Atlanta, GA, USA.
22. **Wang X.**, R.N. Trigiano, M.T. Windham, R.DeVries, T.A. Rinehart, J.M. Spiers, and Brain E.

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