

Yadong Qi, Ph.D., Professor of Urban Forestry
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Education

- 5/1991 Ph.D., Forestry, Major: Tree Physiology and Silviculture, GPA: 4.0 at the 4.0 scale. Stephen F. Austin State University, Texas. *Dissertation Title: Physiological Study of Seed and Seedlings of Korean Pine (Pinus koraiensis Sieb. et Zucc.) under Controlled Environments.*
- 7/1987 M.S., Forest Ecology and Hydrology, GPA: 3.75 at the 4.0 scale. Northeast Forestry University, Harbin, P. R. China. *Thesis Title: Energy Relationships, Transpiration, and Evaporation of a Natural Oak Forest.*
- 7/1984 B.S., Forestry, Summa Cum Laude, Inner Mongolia Agricultural University, Hohhot, P. R. China
- 1993-2006 Certifications in Urban Forest Planning, Management, and Policy; Restoring Urban Forest Ecosystem; and Environmental Impact Statement and Ecological Risk Assessment.

PROFESSIONAL EXPERIENCES

- Professor, Urban Forestry, Tree Physiology and Forest Ecology, Urban Forestry Program, Southern University, 2004 – Present
- Joint Research Scientist/Ecology Lab Director, SU Agricultural Research and Extension Center, LA 2001-present
- Associate Professor, Urban Forestry Program, Southern University, 1998-2003
- Graduate Faculty, with the Status of Doctoral Research Faculty, Southern University, 1997-Present.
- Graduate Faculty, Louisiana State University, Baton Rouge, LA, Since 2006 (Invited)
- Graduate Faculty, Southeastern University, Hammond, LA, Since 2006 (Invited)
- Visiting Professor, Northeast Forestry University, Harbin, PR China, 2001-2004 (invited).
- Graduate Faculty, with the Status of Doctoral Research Faculty Purdue University, West Lafayette, IN, 1997-2000 (invited).
- Visiting Professor, Inner Mongolia Forestry College, P. R. China, 1995-1999 (invited).
- Assistant Professor, Urban Forestry Program, Southern University, 1992- 1997.
- Doctoral Research Fellow, Tree Physiology and Silviculture, School of Forestry, Stephen F. Austin State University, Nacogdoches, TX, 1988-1991.
- Assistant Professor, Forest Ecology Section, Inner Mongolia Forestry College, Hohhot, China, 1987.
- Graduate Research Assistant, Forest Ecology and Hydrology, Marer Mountain Long-Term Forest Ecological Station, Northeast Forestry University, Harbin, PRC, 1985-1986.

RESEARCH and OUTREACH EXPERIENCES

- Dr. Qi has accumulated more than 20 years of research experience in tree physiology, forest ecology and urban forestry. Research topics include: UV-B radiation tolerance of trees, biogenic hydrocarbon emission, carbon sequestration, ecological benefit and cost of urban trees, mulch application and utilization, energy relationships of forest ecosystem, paclobutrazol tree growth regulator, effect of methyl jasmonate on southern pine resistance to southern pine beetle, phytoremediation of heavy metals, urban and community forestry management plan, urban ecosystem analysis, water stress physiology, and tree decay and hazardous tree risk assessment, and most recently, she is working on application of nanotechnology in forest health management.
- Dr. Qi has been playing a leading role in promoting US-China scientific and technical exchanges in urban forestry since 1994 to present. Sponsored by the USDA-Foreign Agricultural Service and Ministry of Agriculture in China, Dr. Qi has organized various US urban forestry delegations to visit China and hosted numerous Chinese scientific and technical visiting teams to US. The efforts have strengthened the US cooperation and partnership in education, research, and technology transfer in urban forestry with various Chinese agencies and institutions including the State Forestry

CURRICULUM VITAE

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Administration, Chinese Academy of Forestry, Beijing Forestry University, Northeast Forestry University, and Inner Mongolia Agricultural University.

- Dr. Qi has published 5 books and book-chapters, more than 100 technical publications including refereed journal papers, proceeding papers, abstracts, extension publications, and technical reports. She has made more than 100 technical presentations at various regional, national, and international conferences.
- She has served as an invited urban forestry expert at various advisory and review panels for USDA-CSREES, USDA-FS, NSF, Cornell University, Kentucky State University, Purdue University, Southeastern Louisiana State University, Louisiana State University, Chinese Academy of Forestry, Beijing Forestry University, CollegeBoard® and Harry R. Hughes Center for Agro-Ecology.
- Her work has been featured by various the news Medias including radio, newspapers, internet, and trade magazines including Chinese Economy Daily Newspaper, and Chinese Economy Network, Baton Rouge Advocate Newspaper, TV-Channel 21, Southern University Website, Southern University Agricultural Research and Extension Website, Chinese Urban Forestry Website, and USDA-FS website.
- She has served as Projector Director of 22 grants and contracts and as CoPI of 19 grants and contracts totaling over \$6 M in funding from the following agencies: Environmental Protection Agency (EPA), International Society of Arboriculture (ISA) Research Trust, Louisiana Department of Agriculture and Forestry, Louisiana Department of Transportation and Development, USDA - Forest Service (FS), US Army Corps of Engineers (ACE), USDA-CSREES National Research Initiative (NIR) Competitive Grant Program, USDA-CSREES Capacity Building Grants, USDA-CSREES Evan Allen Grants, and USDA-Foreign Agricultural Service (FAS), etc.
- One of the major accomplishments is that Dr. Qi et al. wrote the third edition of the urban forestry publication entitled “Forestry: A Community Tradition” that was published by the United States Department of Agriculture and National Association of State Foresters in 1998. This publication has been used extensively nationwide and disseminated through the federal, state and local urban forestry agencies. The publication covers the history, accomplishments, issues and trends in urban forestry in the U.S.
- Dr. Qi is a leading editor for the book titled “Bayou Bodcau Dam and Reservoir Operational Management Plan”, published by the US Army COE in 2004. The book has been used as an official application manual to manage the 34,000 acres of Bayou Bodcau Dam and Reservoir by the US Army COE.

TEACHING AND ADVISEMENT EXPERIENCE:

- As one of the key founders of the Nation’s first Bachelor of Science Degree in Urban Forestry at Southern University and A&M College in 1992, Dr. Qi played a key role in urban forestry curricular development and subsequent establishment of the Master’s Degree program and Ph.D. program in urban forestry. The Urban Forestry Program at SU was awarded as the Department Excellence through Faculty Excellence (DEFE) program by the LA Board of Regents in 2000.
- Dr. Qi has been serving as academic advisor for undergraduate students and M.S. and Ph.D. thesis director in urban forestry since 1992 till present. She has developed and taught following courses in urban forestry from 1992-present:

Undergraduate courses

Urban Forestry Ecology	UFOR391
Urban Hydrology	UFOR457
Environmental Science	UFOR271
Plant Health Care	UFOR371
Plant Science	PLSS210
Departmental Seminar	PLSS472

Graduate courses

Applied Urban Forest Ecology	UFOR706
Urban Ecosystem Analysis	UFOR520
Tree Growth and Development	UFOR523
Supervise Research	UFOR599
Thesis Research	UFOR600

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Urban Forest Evaluation and Inventory UFOR400
Urban Forest Management UFOR455
Urban Recreation and Park Management UFOR466

EDITORIAL EXPERIENCES

1. Editorial Board, *Journal of Chinese Urban Forestry*, 2002 - present
2. Editorial Board, *Agricultural Edge*, Since 2007 - present
3. Editor of *Baton Rouge Hibiscus Society Newsletter* 2007-08
4. Editorial Board, *Journal of STEM Research*, Southern University 2008
5. Book Editor, *Bayou Bodcau Dam and Reservoir Operational Management Plan*, ISBN: 0-9662108-7-5. 2004
6. Editorial Board, the 2003 scientific and technical publication for the Louis Stokes Louisiana Alliance for Minority participation (LS-LAMP).

REVIEW/ADVISORY PANEL

1. Multidisciplinary Advisory and Review Panel, National Science Foundation 2009
2. Panelist and Proposal Reviewer, USDA-CSREES Extension Program, 2009
3. Peer Reviewer, international *Journal of Plant Growth Regulation*, 2009
4. Peer Reviewer, international *Journal of Urban Ecosystem*, 2009
5. Panelist for Bioenergy Crop Production System Advisory Committee and Bioremediation and Environmental Quality Advisory Committee, Association of Research Directors, Inc, 2007 - present
6. Proposal Reviewer, Kentucky State University, 2008
7. Proposal Reviewer, Harry R. Hughes Center for Agro-Ecology, Inc. 2008
8. CollegeBoard® AP® Exam Reader Since 2006 - present
9. USDA-CSREES Technical Review Panelist for Cornell University's Urban Silviculture Project 2006
10. Peer reviewer, international journal "*Forest Ecology and Management*" Elsevier Science, 2002.
11. Peer reviewer, international journal "*Agricultural and Forest Meteorology*" Elsevier Science, 2002-2003.
12. Peer Review Panelist, the *FY 2003 USDA-CSREES High Education Challenge Grants Program*
13. Peer Review Panelist, the *FY 2000 USDA-CSREES High Education Challenge Grants Program*
14. Proposal Reviewer, College of Agricultural, Family and Consumer Sciences, Southern University, 1994-present
15. Review Committee for Southern Accreditation for Colleges and Schools, College of Agricultural, family and Consumer Sciences, SU 1999.
16. College Award and Recognition Committee since 2002

MEMBERSHIP IN PROFESSIONAL SOCIETIES

1. International Society of Arboriculture
2. Forest Product Society
3. Plant Growth Regulation Society of America
4. International Plant Growth Substances Association
5. American Association of University Women
6. American Association for the Advancement of Science (AAAS)
7. American Forests
8. International Plant Growth Substances Association
9. American Society of Plant Biologists
10. 7th American Forest Congress
11. Society of American Foresters
12. SPIE the International Society for Optical Engineering
13. Xi Sigma Pi Honor Society (Alpha Zeta Chapter)
14. Baton Rouge Hibiscus Society
15. WRKF National Public Radio

HONOR AND AWARDS

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- 2008-2009 Elected **Board of Director**, YWCA Greater Baton Rouge Area for two year term
- 2007 “**Southern University’s Teacher of the Year**” Award, Southern University, Baton Rouge, LA
- 2007 “**College Teacher of the Year**”, College of Agricultural, Family and Consumer Science, SU
- 2007 Received a **letter of congratulation from United States Senate David Vitter** for being selected as Southern University Teacher of The Year in 2007.
- 2007 “**Excellence in Research Mentoring**” Award, National Science Foundation Sponsored SMART Program at Southern University.
- 2007 **Service Award** from SUAREC Chancellor Leodrey Williams in recognition and appreciation for 15 years of devoted and loyal service to the SUAREC
- 2007 **Certification of Recognition** from CollegeBoard Advanced Placement Program and ETS for serving as AP Environmental Science Reader in 2007.
- 2007 **Certificate of Appreciation** in recognition of leadership, dedication, exemplary service and assistance with 2007 Urban Forestry Summer Program.
- 2007 **Certificate of Appreciation** from International Plant Growth Substances Association for volunteer assistance during the 19th IPGSA Meeting on July 21-25, 2007.
- 2006 “**Volunteer Service Award**”, Buchanan Elementary School
- 2005 “**Excellence in Research Mentoring**” Award, National Science Foundation SMART Program at Southern University.
- 2004 **Certificate of Appreciation**: Urban Forestry Education, Research and Service, USDA-FS
- 2003-2004 **Honored Member** of Empire Who’s Who.
- 2002 **Honorary Mayor-President** Recipient, Baton Rouge, LA.
- 2001-2004 **3-year Visiting Professorship** awarded by the President of Northeast Forestry University.
- 2001 “**Excellence in Research Mentoring**” Award, National Science Foundation SMART Program at Southern University.
- 2000 “**Faculty Award for Excellence for Outstanding Research Performance**”, College of Agricultural, Family and Consumer Sciences, Southern University and A&M College.
- 2000 “**Outstanding Service Award**” for Support of the Amite High School FFA.
- 1997 **Scholarship Award** from Great Lakes Research Consortium, National Science Foundation.
- 1997 **Portraits of Achievement in the Asian-American Community**, AVENUE magazine.
- 1997 **Scholarship Award** from LA Urban Forestry Council.
- 1997 **Outstanding Community Service Award**, by Chinese Friendship Association of Baton Rouge.
- 1996 Scholarship Award from American Forest to represent Louisiana in the 7th American Forest Congress in Washington DC.
- 1995-1999 **5-year Visiting Professorship** awarded by the President of Inner Mongolia Forestry University.
- 1995 **Scholarship Award** from Catlinburg Symposium.
- 1994 **John Duling Special Grant Award**, International Society of Arboriculture Research Trust.
- 1993 “**Faculty Award for Excellence for Outstanding Research Performance**”, College of Agricultural, Family and Consumer Sciences, Southern University and A&M College.
- 1988 “**American Wilderness Leadership School Scholarship**” award, Safari Club International Conservation Fund.
- 1987-1991 “**Graduate Research Assistantship**” from School of Forestry, Stephen F. Austin State Univ. TX.
- 1986 “**Graduate Student of Excellence**” Award, Northeast Forestry University, Harbin, PRC.
- 1981-1983 3-year recipients for “**Student of Excellence**” Award, Inner Mongolia Forestry University, PRC.

PROFESSIONAL SERVICE

- 2009 Chair for subcommittee in the USDA-CSREES Tribal proposal review
- 2008-09 Workshop Chair, for Spring Hibiscus Workshop at St. Martin Parish Office. April 6, 2009, and Fall Hibiscus Workshop in Opelousas, St. Landry Parish. November 11, 2008.
- 2008-09 1890 Consortia for 1890 biofuel research and development initiative

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- 2007-2009 **Board Member**, YWCA Greater Baton Rouge, sponsoring YWCA on community affairs including donation of time, energy, and money to support the agency's mission, which is *eliminating racism and employing woman*
- 2007 **Workshop Chair**, "How to Detect Internal Decay of Trees Using Picus Sonic Tomograph", Sponsored by the SUBR, SUAREC and Argus Electronic, Germany, April 2-3, 2007, Baton Rouge, LA
- 2007-2009 **Science fair project mentor** for Baton Rouge High School student, won 1st Place in Region VII Science and Engineering Fair, and 1st Place in the LA State Science and Engineering Fair
- 2006-Present Member of the 1890 Land-Grant Institutions **Bioremediation and Environmental Quality Team**
- 2006 **USDA-CSREES Research Review Panelist** for USDA funded project at Cornell University
- 2005- Present Baton Rouge Hibiscus Society, communication facilitator
- 2006 **Science fair project mentor** for Glasgow Middle School student, won 3rd Place in Region VII Science and Engineering Fair.
- 2005 **Science fair project mentor** for Glasgow Middle School student, won 1st Place in Region VII Science and Engineering Fair, 2nd Place in the LA State Science and Engineering Fair, and nominated for Young Scientist Discovery Challenges Award.
- 2004 **Science fair project mentor** for Glasgow Middle School students, won 1st Place in Region VII Science and Engineering Fair, 2nd Place in the LA State Science and Engineering Fair, nominated and won the semi-finalist at the National Competition for Young Scientist Discovery Challenges Awards.
- 2005-Present Buchanan Elementary School, science experiment mentor
- 2003-present International Consultant, Beijing Global Action Centre on Ecology, Education and Cultural Development (invited).
- 2001-2004 Visiting Professor, Northeast Forestry University (invited), PRC.
2001-present Louisiana Biomass Council (LBC).
- 2003 Peer Reviewer for federal formula funded proposals, invited by Kentucky State University.
- 2003 Speaker, Baton Rouge Garden Club (invited).
- 2003 Contributor, LSU Museums Day 2003 - Art and the Microscope. Qi contributed 7 large Scanning Electron Micrograph prints of tree leaves for the exhibits to public, among the 34 scientists from 17 different departments and organizations. These art prints are on the permanent exhibit now in the LSU Socolofsky Microscopy Center of LSU Department of Biological Sciences under the request of the center director.
- 2003 Panelist, USDA Higher Education Challenge Grants Program Peer Review Panel FY2003
- 2000-2003 Judge, LA Capital District Science Fair for Environmental Science and Botany.
- 2002-2003 Public Relation Officer, Baton Rouge Chinese Friendship Association.
- 2002 Urban Forestry Expert Witness, New Orleans District Court.
- 2002-03 Delegation Leader and Organizer, USDA-FAS Urban Forestry Exchange Team to China.
- 2001-2003 Speaker, SU Urban forestry Summer Institute.
- 2001 USDA 1890 Natural Resources and Environmental Management (NREM) Team.
- 2001 Education Committee, Louisiana Urban Forestry Council.

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2000-present	Working with Baton Rouge Green education outreach program.
2000	Panelist, USDA Higher Education Challenge Grants Peer Review Panel FY 2000.
1999-2000	Sponsor, the Amite High School FFA, Vocational Curriculum Development.
1998-1999	Main Contact Person for Louisiana for National Agroforestry Center
1997-2003	Organizer and facilitator, for a total of 8 various scientific and technical exchange visits with China during the period 1997 to 2003.
1997-2000	Graduate Faculty at Purdue University (invited)
1997-1998	Chairman of Baton Rouge Chinese Friendship Association.
1996-present	Outreach for raising extramural scholarships for SU urban forestry students from the following agencies: Southern Nursery Association 2003, International Society of Arboriculture 2003, Baton Rouge Garden Club 2002-2003, Davey Tree Company 1999 and 2003, Pinchot Institute 1996, and American Forest 1996.
1995-1999	Visiting Professor, Inner Mongolia Forestry College (invited).

COLLEGE AND UNIVERSITY COMMITTEE ACTIVITIES

- 2007-Present: Editorial Board, *Agricultural Edge*, SUAREC
- 2007, Editorial Board, Journal of STEM Research, SMART, Southern University
- 2005 – Present: SU- CAFCS, Scholarship Committee
- 2004- Present: Southern University Agricultural Research and Extension Center Proposal Review and Evaluation Committee
- 2004 – Chair for Strategic Planning, Urban Forestry and Natural Resources Management SU Agcenter.
- 2004 – Chairperson for College wide IT Position Search Committee
- 2003-present - Southern University Agricultural Research and Extension Center Seminar Committee
- 2002 - College Award and Recognition Committee
- 2002 - College Bayou Steering Committee
- 2001 - the curriculum development committee for the Ph.D. degree in Environmental Toxicology
- Since 2001, Adjunct Research Scientist, SU/HBCU/ETC Environmental Technology Consortium
- Since 2001- Adjunct faculty, Ph.D. degree program in Environmental Toxicology, SU
- 2001-2002, Urban Forestry Faculty Search Committee
- 1999-present, NSF-HBCU-SUBR-SMART program steering committee
- 1999-Present, College Seminar Committee
- 1999-Present, College Computer Technology Resource Committee
- 1999-present, University Task Force Committee for NSF/HBCU Strengthening Minority Access to Research and Training (SMART) Curriculum (\$2 million project).
- 1999, College SACS Faculty Committee
- 1999-present, College Graduate Committee
- 1998-2000, Adjunct Research Scientist, Center for Energy and Environmental Studies, SU
- 1998, Organizer, Urban Forestry Team for SU Earth Day Environmental Presentation
- 1997, University Environmental Justice and Sustainable Community Building Project.
- 1997 – present, Graduate Faculty SU Graduate School
- 1996, 1999, 2000-2002, Advisor, SU Honor College
- 1996, Chairman, Virginia Plauche Scholarship Committee
- 1995-1999, Instructor, College Urban Forestry Summer Institute II and III
- 1995, Director and Mentor, College Urban Forestry Summer Institute III
- 1994-1997, College Research Review Committee
- 1994-1995, University Earth Day Committee
- 1994, University New Media Center Committee
- 1994, 1999, College Faculty Search Committee for Urban Forestry Faculty Positions
- 1993-2000, Mentor, College BAYOU Summer Program
- 1993-1999, College Scholarship Fund Raiser
- 1993-1997, College Vocational Teacher Education and Experiential Education Committee
- 1993-1997, College Policy Review Committee

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- 1992-1996, Chairman, College Computer Technology Resource Committee

URBAN FORESTRY AND RELATED TECHNICAL TRAINING

- Certificate of Training from LICOR Bioscience on **LICOR Advanced Portable Photosynthesis System Training Course** held December 9-11, 2008 at LI-COR Bioscience, Lincoln, Nebraska.
- Expert in using **Picus Sonic Tomography** to detect internal decay in trees since 2008
- Certificate of completion - "**CITYgreen GIS Application Training Course**", by American Forests, Nov. 16, 2005.
- Certificate of completion - "**GC-MSD ChemStation and Instrument Operation Course # H4043A**" by Agilent Technologies, during 9/13-17, 2004.
- Certificate of completion "**New Approaches and Techniques for Teaching Science: Addressing Environmental Problems to Stimulate Undergraduate Learning**", one-week NSF summer workshop at Arkadelphia, AR 2003
- Certificate of award for participating in the SU System Virtual Weekends Fall Workshop Series for **Developing On-line Course Delivery Using Web Course in a Box**. Oct. 2nd, 1999.
- Certificate of completion of "**Techniques of GC/MS Course # H4040A**" by Hewlett Packard Chemical Analysis Group Training, during 7/13-15, 1999.
- Certificate of completion by Great Lakes Research Consortium and National Science Foundation -- **Applied Environmental Problem Solving (EIS)**, 3-week Summer Practicum, SUNY at Oswego NY, 1998
- Certificate from the Urban Forestry Institute - **Restoring the Urban Forest Ecosystem**. University of Florida, FL, 1997
- Certificate, "**CITYgreen GIS Training Workshop**" by American Forests in GA. Sept. 16, 1997.
- Certificate, "**Plant Health Care**" on May 3, 1996 by LA Arborist Association and SU, LA.
- Certificate, the 8-hour workshop: "**The Business of Tree Care**", offered by LA Arborists Association (LAA) in Jan. 1994.
- Certificate "**Electronic Sap Flow Monitoring**" a 7-professional hours at SU in March 21, 1994
- Certificate from the Urban Forestry Institute - **The Urban Forest: Planning, Management, and Policy**. University of Florida, FL, 1993
- Certificate "**Urban Tree Care: A Modern Approach**" for 6-professional hours by Dr. Alex Shigo at Southern University. 1993
- Certificate, from USDA-FS in "**Global Change and Ecosystem Workshop**" during Aug. 2-6, 1993.
- Certificate, **IUFRO International Conference on Forest Vegetation Management and Training** 4/27-5/1/1992 from Auburn University.

GRANTS AND CONTRACTS

As Project Director

1. Application of Nanotechnology in forest health management, **\$448,877**, USDA-CBGP-Research Program Award No. 2008-38814-04771) for 9/1/2008-8/31/2011 (PI)
2. U.S.-China Scientific and Technical Exchange in Urban Forestry and Natural Resources Management, **\$10,000** USDA/FAS/ICD/RSED/SCRP 2006-2008 (PI)
3. Effects of methyl jasmonate on resistance of loblolly pine to southern pine beetle. **\$15,500** USDA/FS Coop Agreement, 1/1/2005-12/15/2008 (PI)
4. U.S.-China Scientific and Technical Exchange, **\$5,000** USDA/FAS/ICD/RSED/SCRP, 2003 (PI)
5. Application of Advanced Tomography Technology into Phytoremediation Research (Phase II), **\$15,000** DOE-ETC SUBR Program, DE-FC04-90-AL-66158, 2002
6. Summer Research Experience for Undergraduates Program, **\$1,000**, Award from SU HBCU-UP SMART Program for serving as a mentor, 2002.

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7. Developing an Operational Management Plan for Bayou Bodcau, Louisiana. a grant from the U.S. Army Corps of Engineers, **\$72,400** August 1, 2001 - December 30, 2003
8. U.S. – China Scientific Technical Exchange in Urban Forestry, **\$10,000**, USDA/FAS, 6/1/01-5/30/02.
9. Community application of large bare root planting stock. **\$40,000**. Louisiana Department of Agriculture and Forestry, April 1, 2001- September 30, 2002.
10. Application of Advanced Tomography Technology into Phytoremediation Research (Phase I), **\$16,365**, DOE-ETC SUBR Program, DE-FC04-90-AL-66158, 2001
11. Effect of Paclobutrazol Tree Growth Regulator on Photosynthesis and Leaf Optical properties of Sweetgum and Cherrybark Oak, **\$6,000**, NSF/HBCU-UP/SMART, 10/1/2000-9/30/2001 (PI)
12. An Analysis of the Nature and Success of Community Forestry Program in Selected States with Informal Educational and Training Programs in Urban Forestry. 1999-2003, **\$250,000**. USDA CSREES Evan Allen Grants Program, LAX-98-2004-8980.
13. Determination of feasibility, cost effectiveness and visual quality of using forest tree seedlings and wood waste of reforest state highway interchanges. **\$58,000**, Louisiana Transpiration Research Center/ DOTD 1999-2001
14. Assessing UV-B Radiation Tolerance of Urban Woody Species, **\$181,411**. 09/01/1998-08/31/2003. USDA Capacity Building Grants Program. #98-38814-6386
15. Tree Growth Regulator Research, \$11,200 Exxon Company, 2001-2002
16. Research Collaboration on Tree Growth Regulators between Purdue University and Southern University. **\$5,000**, the School of Agriculture Graduate Student Recruitment and Retention Committee, Purdue University. 1996-1999 (with Dr. William R. Chaney, Prof. Purdue University).
17. An Update of the USDA-NASF Publication "Forestry: A Community Tradition". **\$20,000**. USDA Forest Service Cooperative Forestry. 3/1/96-6/1/1998
18. Reflection and Meaning Perspectives of Urban Forests and Natural Areas. **\$50,000**. USDA-FS National Urban Tree House Program. 1994-12/30/1997.
19. Establishing an Arboretum on Southern University Campus. **\$30,000**. USDA Forest Service. 9/94-9/30/96.
20. Developing an Environmentally Sensitive Tree Planting Criterion for Urban Forestry. **\$5,000**. John Duling Grant Award, International Society of Arboriculture Research Trust. 1994-9/30/96.
21. Hydrocarbon Emissions of Urban Tree Species: a controlled environmental study. **\$43,500**. 1993 IEIPA Competitive Grants Program, CEES, EPA. 3/1/93-9/30/94.
22. Tree Growth Regulator Research on Utility Trees **\$11,200**, Exxon Company, 1992-1994.
23. Gas Exchanges and Growth of Urban Trees under Stressed Environments (Equipment Grant). **\$21,760**; National Research Initiative Competitive Grants Program, CSREES, USDA 92-37106-8085. 9/15/92-9/30/93.

As Co-Project Director

1. Adaptability, Flavonoid properties and Value Addition of *Hibiscus Sabdariffa*. **\$450,000**, USDA-CSREES-CBGP, 9/1/2008-8/31/2011. (First CoPI)
2. The Enhancement of Scanning Electron Microscopy Capability for Research and Teaching at Southern University. 2007-2009, LA Board of Regent, **\$97,995**. Co-PI: Yadong Qi
3. US-China Scientific and Technological Exchange in Urban Forestry - Urban Forestry Mulching Production and Utilization Technology Transfer to China, State Forestry Administration National 948 Project. **¥500,000** 2006-2010 (Yadong Qi as Chief CoPI from USA).
4. Departmental Excellence Through Faculty Excellence in Urban Forestry at SU, LA Board of Regents **\$97,000/yr.** 2000-Present
5. Enhancement of the M.S. and Ph.D. degree programs in urban forestry at SU through biosecurity, USDA-CSREES-CBGP, **\$195,800** 9/1/2006-8/31/2009 (PI: D.Collins, CoPI: Yadong Qi)
6. Establishing a Doctoral Degree Program in Urban Forestry at Southern University, approved by the State of LA Board of Regents of Higher Education, total budget **\$2,582,635**. 2005-2010. (Yadong Qi as CoPI)
7. Study Abroad to China-Temperate-Zone Forestry Practicum. Funded by International Programs of Purdue University (CoPI), 2005-2007, **\$34,150**
8. The use of motivational speakers and scientific exposures summer program as a tool for student recruitment. USDA-CSREES-CBGP **\$189,758** for the period of 9/15/2004-9/14/2009. (PI: Kit L. Chin, CoPI: Yadong Qi)

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9. Effects of low-cost high tunnel and formulated media on production of selected horticultural crops for niche market. USDA-CSREES Evan-Allen Grant, Project No. LAX-06-520151, **\$320,200** for the period of 10/1/04- 9/30/09.
10. Evaluation of methods and usages for processed aquatic waste meals. USDA-CSREES Evan-Allen Grant, Project No. LAX-520180, **\$300,000** for the period of 10/1/04- 9/30/07.
11. SU Environmental Technology Consortium Research and Outreach Project, **\$131,057** annually for 5 years, DOE-Howard University, 2003 - 2007
12. Plant and Soil Science Summer Institute: a tool for student recruitment. **\$199,849**. USDA-CBGP 9/15/1999-9/30/2003.
13. Development of High-Intensity Modified Hydroponics Systems for Field Production of Strawberry for Small and Metro Farms. USDA-CSREES Evan-Allen Grant 10/1/99-9/30/2003 **\$250,000**
14. Management Practices for Growing Substrate, Water and Fertilizer in Container Crop Production Systems. **\$336,598** CSREES Even-Allen Grants Program, 1997-2000
15. USA-China Scientific Exchange Program in Urban Forestry. USDA Foreign Agricultural Service, 1997-1998. **\$3,500**
16. Urban Forestry Summer Institute. **\$185,000**, USDA CBGP, 10/1994-9/97 (Co-PI).
17. Quantifying Ozone Removal Capacity of Urban Tree Species. **\$300,000**. USDA Capacity Building Grants Program (CBGP). 10/1994-9/1997
18. Effect of Soil Compaction and Flooding on Survival, Growth, and Physiological Responses of Selected Urban Tree Species. **\$153,000**. CSREES-LAX-94-2004-9598 1/94-9/97
19. Urban Tree Farm Laboratory, **\$17,000**; Louisiana Urban and Community Forestry Grant Program, 1992-1994

PUBLICATIONS

Books and Book Chapter

1. Qi, Yadong, G. M. Heisler, W. Gao, T. C. Vogelmann, and S. Bai. 2009. Characteristics of UV-B radiation tolerance of broadleaf trees in Southern USA. In: *UV Radiation in Global Change: Measurements, Modeling and Effects on Ecosystem*, W. Gao, D. Schmoldt, J. Slusse (eds) by Springer-Verlag and Tsinghua University Press, Hardcover, ISBN: 978-3-642-03312-4. (Peer-reviewed publication, accepted and in press, available in December 4, 2009, for more information please visit Springer.com).
2. Qi, Y., F. Namwamba, J. Kiser, T. Jones, and S. A. McDowell, (ed.). 2004. *Bayou Bodcau Dam and Reservoir Operational Management Plan*. A Book with a CD included, published by the U.S. Army Corps of Engineers, ISBN 0-9662108-7-5. 411pp.
3. Zhang, J., Y. Qi, and F. Namwamba. 2004. Park Management Plan, Part II. In (Y. Qi, F. Namwamba, J. Kiser, T. Jones, and S. A. McDowell, ed.) *Bayou Bodcau Dam and Reservoir Operational Management Plan*. Published by the U.S. Army Corps of Engineers ISBN 0-9662108-7-5. 180pp.
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27. Beamon B., Yadong Qi, and Robert Ford. 2002. Lead uptake and effects on growth in seedlings of white ash, pecan, and baldcypress, p25-26. IN: *The 6th Annual DOE EPSCoR and LS-LAMP Research Conference*. Baton Rouge LA. November 1-3, 2002.
28. Collins, D.J., K. Abdollahi, Z. Ning, A. Johnson, F. Namwamba, Y. Qi, and R. Stone. 2003. Encouraging minorities to enroll and graduate in urban forestry at Southern University- Baton Rouge. pp. 67-68. IN: *The Association of Research Directors, Inc. Twelfth Biennial Research Symposium Program Abstracts*. March 29-April2, 2003. Atlanta, GA.
29. Qi, Y., J.A. D. Favorite, and K.L. Chin. 2003. Modeling carbon dioxide uptake and water use of southern live oak (*Quercus virginiana* Mill.), p84. IN: *The Association of Research Directors, Inc. Twelfth Biennial Research Symposium Program Abstracts*. March 29-April2, 2003. Atlanta, GA.
30. Starr L. and Y. Qi. 2003. Effects of UV-B radiation on young leaves in comparison to mature leaves in broadleaf tree species, p. 132. IN: *The Association of Research Directors, Inc. Twelfth Biennial Research Symposium Program Abstracts*. March 29-April2, 2003. Atlanta, GA.
31. Zhang, J., Y. Qi and F. Namwamba. 2003. Analysis of visitor survey and futuristic plans for Bayou Bodcau Recreational Area. p. 135. IN: *The Association of Research Directors, Inc. Twelfth Biennial Research Symposium Program Abstracts*. March 29-April2, 2003. Atlanta, GA.

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32. Namwamba, F., J. Tuma, and Y. Qi. 2003. Bayou Bodcau Natural Resources management Plan. p. 169. IN: *The Association of Research Directors, Inc. Twelfth Biennial Research Symposium Program Abstracts*. March 29-April 2, 2003. Atlanta, GA.
33. Qi, Y., S. Bai, T. C. Vogelmann, and G.M. Heisler. 2003. Ultraviolet-B radiation protection mechanism in the leaves of pecan (*Carya illinoensis*). p 27 and p25-46. IN: *Plant Biology 2003 Final Program, the 2003 Annual Meeting of the American Society of Plant Biologists*, July 26-30, 2003. Honolulu, Hawaii.
34. Qi, Y., J. Favorite, and K. L. Chin. 2005. Physiological, Anatomical, and Ecological Characteristics of Southern Live Oak (*Quercus Virginiana*), p 38. IN: Abstracts of 13th Biennials Southern Silvicultural Research Conference, Feb. 28 – Mar. 4, 2005, Memphis, TN.
35. Blount, W. Yadong Qi, and Gray Wesley. 2005. Effect of lead on the growth and development of baldcypress seedlings, Environmental Science Oral-1, IN: HBCU-UP 2005 National Research Conference – Science on the Bayou. February 10-13, 2005. New Orleans, LA. (The 4th place winner overall).
36. Qi, Yadong, Shuju Bai, Thomas C. Vogelmann, Gordon M. Heisler. 2006. UV-B Radiation Protection Mechanism in Selected Broadleaf Trees in the South, p 93-94. IN: The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
37. Collins, Daniel J., Kamran Abdollahi, Andra Johnson, Fulbert Namwamba, Zhu Ning, Yadong Qi, and Erik Taylor. 2006. Contributions of the Urban Forestry Program at Southern University to Diversity in the Natural Resource Workforce, p250-251. IN: The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
38. Qi, Yadong, Tanya K. Hilton, William R. Chaney and Ying Xiao. 2006. Paclobutrazol Tree Growth Regulator Affects Physiology and Morphology of Sweetgum and Cherrybark Oak, p240-241. IN: The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
39. Chin, Kit L., Yadong Qi, Mila Berhane and James Simon. 2006. Catnip: A Potential New Crop for the South, p302-303. IN: The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
40. Qi, Yadong, Kit L. Chin, Owusu Bandele and Milagro Berhane. 2006. Introducing Roselle (*Hibiscus Sabdariffa*) to American Farmers as a Value Added Cash Crop - Cultivar and Fertilizer Trials in Louisiana, p 304-305. IN: The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
41. Blount, Wilicia, Yadong Qi, Kit L. Chin, and Wesley G. Gray. 2006. Impact of Lead Concentration on Growth and Development of Baldcypress Seedlings, p178-179. IN: The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
42. Ferchaud, Vanessa A., Yadong Qi and James I. McNitt. 2006. Comparative Wood Anatomy of Selected Southern Broadleaf Trees Using Cryo-microtechnique and Microscope Imaging Systems, p196. IN: The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
43. Qi, Yadong. 2006. Update of Urban and Community Forestry Development in USA, p117. IN: Abstract Collection of the 3rd International Conference on Environmental Enhancement and Sustainable Development, Hohhot, Inner Mongolia, China. August 4-8, 2006.
44. Ferchaud, V.A., Yadong Qi, and James McNitt, 2007. Comparative anatomy of ten selected urban trees in the city of Baton Rouge, Louisiana. International Conference on Emerging Issues Along Urban-Rural Interfaces Conference Program and Book of Abstracts, Atlanta, Georgia, April 9-12, 2007. p53.

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45. Collins D., Yadong Qi, Zhu Ning, K. Abdollahi, F. Namwamba, and A. Johnson. 2007. *International Conference on Emergig issues along Urban-Rural Interfaces II Proceedings* p313.
www.sfw.s.auburn.edu/urbanruralinterfaces/
46. Harrison, D.D., K.D. Klepzig, and Yadong Qi. 2007. Effects of methyl jasmonate on the resistance of loblolly pine to Southern Pine Beetle. Abstract Book of the 14th biennial southern silvicultural research conference. Athens, Georgia, February 26-March 1, 2007.
47. Foster, B., Yadong Qi, and Venessa Ferchaud. 2007. Assessment of Internal Decay of Trees in Water Oak (*Quercus nigra* L.) Using Sonic Tomograph Technology. 2007 HBCU-UP National Research Conference Program Book pA10-11. October 4-7, 2007. Washington DC.
48. Foster, B. and Yadong Qi. 2007. Assessment of Internal Decay of Trees in Water Oak Using Sonic Tomograph Technology. SU-SMART 2007 Summer Research Experiences for Undergraduates SREU Presentations Abstracts. P6-7. Baton Rouge, LA. July 24-25, 2007.
49. Collins, D. K. Abdollahi, A. Johnson, F. Namwamba, Z. Ning, and Y. Qi. 2007. Enhancement of the M.S. and PhD degree programs in urban forestry at Southern University through biosecurity training. *NPDN 2007 National Meeting Proceedings* p45.
50. Qi, Yadong, S. Bai, G.M. Heisler, and T.C. Vogelmann. 2007. Mechanism of UV-B radiation tolerance in selected broadleaf trees in the south. Abstract Book of the 14th biennial southern silvicultural research conference. Athens, Georgia, February 26-March 1, 2007.
51. Qi, Y., W. R. Chaney, T. K. Hilton. 2007. Paclobutrazol Tree Growth Regulator Affects Physiology, Morphology and Growth of Sweetgum and Cherrybark Oak. Abstract at the 19th International Plant Growth Substances Association Meeting, Puerto Vallarta, Mexico. July 21-25, 2007.
www.aspb.org/ipgsa2007/abstracts/
52. **Qi, Yadong**. 2008. Detection of Internal Decay in Water Oak (*Quercus nigra* L.) using Sonic Tomography Technology. p11. In: *International Society of Arboriculture 84th Annual Conference & Trade Show Program and Registration Guide*, St. Louis, MO, July 26-30, 2008.
53. **Qi, Yadong**, S. Self, and W. R. Chaney. 2008. Effects of paclobutrazol on growth performance of three southern tree species. p15. In: *Plant Growth Regulation Society of America 35th Annual Meeting Program Summary and Abstracts*, August 3-7, 2008, San Francisco, California.
54. Harrison, D.D., Yadong Qi, and K. Klepzig. 2008. Effects of methyl jasmonate on the resistance of loblolly pine to southern pine beetle. p16. In: *Plant Growth Regulation Society of America 35th Annual Meeting Program Summary and Abstracts*, August 3-7, 2008, San Francisco, California.
55. Qi, Yadong. 2008. UV-B Radiation Protection Mechanism in Selected Broadleaf Trees. In (CD track: climate as a viable): *Proceedings of 2008 National Convention of Society of American Foresters: Forestry in a Climate of Change*. A CD-ROM publication by SAF, Reno, Nevada, Novemebr 5-9, 2008.
56. Chin, K. L., **Yadong Qi**, F. Malekian, V. Bachireddy, O. Bandele, M. Berhane, J. Simon, and G. Hankins. 2009. Roselle Hibiscus (*Hibiscus sabdariffa*) Research at Southern University. p205, In: *The 15th Association of Research Directors Biennial Research Symposium Program and Abstracts*. March 28-April 1, 2009. Atlanta Georgia.
57. Ferchaud, V. A., **Yadong Qi** and K. L. Chin, 2009. The Anatomy and Morphology of Four Different Hibiscus Accessions. p164. In *The 15th Association of Research Directors Biennial Research Symposium Program and Abstracts*. March 28-April 1, 2009. Atlanta Georgia.

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58. Preutt, J., **Y. Qi**, and D. J. Collins, 2009. Effects of Hurricane Gustav on the Urban Forest in the City of Central, East Baton Rouge Parish, Louisiana. p159 In: *The 15th Association of Research Directors Biennial Research Symposium Program and Abstracts*. March 28-April 1, 2009. Atlanta Georgia.
59. **Qi, Yadong**, Y., S. Self, V. A. Ferchaud, W. R. Chaney, and S. Bai. 2009. Application of Paclobutrazol Tree Growth Regulator into Urban and Utility Forest Management. p111, In: *The 15th Association of Research Directors Biennial Research Symposium Program and Abstracts*. March 28-April 1, 2009. Atlanta Georgia.
60. **Qi, Yadong**, K. Lian, Q. Wu, K. L. Chin, D. Collins, K. Klepzig, and Y. Li. 2009. Nanotechnology Application in Forest Health Management. p186 In: *The 15th Association of Research Directors Biennial Research Symposium Program and Abstracts*. March 28-April 1, 2009. Atlanta Georgia.
61. **Qi, Y.**, B. D. Foster, V. A. Ferchaud, and D. Collins. 2009 Application of Sonic Tomography Technology into Detection of Internal Decay in Water Oak (*Quercus nigra* L.). p190-191 In: *The 15th Association of Research Directors Biennial Research Symposium Program and Abstracts*. March 28-April 1, 2009. Atlanta Georgia.
62. Wang, S. Q., **Y. Qi** and K. L. Chin. 2009. Survey of the Total Flavonoid Content in Fresh Calyxes and Leaves of Four Variety of Roselle (*Hibiscus sabdariffa*). p223. In: *The 15th Association of Research Directors Biennial Research Symposium Program and Abstracts*. March 28-April 1, 2009. Atlanta Georgia.
63. Chin, K. L., **Y. Qi**, and M. Berhane. 2009. Hibiscus (*Hibiscus sabdariffa*) species grown in Louisiana. p205 In: *The 15th Association of Research Directors Biennial Research Symposium Program and Abstracts*. March 28-April 1, 2009. Atlanta Georgia.
64. Malekian, F., M. Khachatryan, K. Chin, M. Berhane, and **Y. Qi**. 2009. A Comparison between Regular Sugar Cookies and Hibiscus Cookies. p223 In: *The 15th Association of Research Directors Biennial Research Symposium Program and Abstracts*. March 28-April 1, 2009. Atlanta Georgia.
65. Collins*, D. J., K. Abdollahi, Z. Ning, A. Johnson, **Y. Qi**, and F. Namwamba. 2009. Training the Next Generation of Agricultural Scientists in Plant Biosecurity. p114. In: *The 15th Association of Research Directors Biennial Research Symposium Program and Abstracts*. March 28-April 1, 2009. Atlanta Georgia.
66. Qi, Yadong. 2009. Nanotechnology Research at Southern University Ag Center. P26. In: *The Program Book of the International Conference on Nanotechnology for Forest Products Industry: Unlocking the Potential of Nano-Enabled Biomaterials*. Edmonton, Alberta Canada, June 23-26, 2009.

Ph.D. Dissertation and M. S. Thesis

1. Qi, Y. 1991. Physiological Study of Seed and Seedlings of Korean Pine (*Pinus koraiensis* Sieb. et Zucc.) Under Controlled Environments. a Ph.D. Dissertation. S. F. Austin State University, Nacogdoches, Texas. 192 pp
2. Qi, Y. 1987. Energy Relationships, Transpiration, and Evaporation of a Natural Oak Forest. a M. S. Thesis. Northeast Forestry University, Harbin, PRC. 70 pp.

Technique Report

1. Qi, Yadong, Kit L. Chin, C. A. Blanche, L. Williams, W. Wiles, and R. Yin. 2005. Report on the Technical Exchange Visit to the P.R. China in Urban Forestry and Natural Resources. Submitted to USDA Foreign Agricultural Service and State Forestry administration of P.R. China. 5pp.
2. Qi, Yadong, A. B. Lorenzo, T. Miller, and S. Bai. 2003. Assessing UV-B radiation tolerance of urban woody species. A Technical Report submitted to USDA-CSREES Capacity Building Grants Program.

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3. Qi, Yadong. 2002. An Analysis of the Nature and Success of Community Forestry Program in Selected States with Informal Educational and Training Programs in Urban Forestry" A Technical Report to USDA-CSREES.
4. Qi, Yadong. 2002. The US-China Scientific and Technical Exchange in Urban Forestry. 31pp. A Final Research Report Submitted to USDA/FAS/ICD/RSED/SCRP Project Number 58-3148-1-051 for the period of 6/2001-12/2002.

Print Media – Public Relations Featured Dr. Yadong Qi

August, 1994. *Arborist New: Developing an Environmentally Sensitive Tree Planting Criterion for Urban Forestry*. International Society of Arboriculture Research Trusts Grant Recipients, featuring Dr. Qi's research project.

Special Tribute Issue 1997-1998, *AVENUE/Asia: Portrait of Achievement in the Asian American Community*. New York, NY. Dr. Qi was featured as one of the Asian achiever in America.

Summer 2001. *HBCU-UP SU SMART TALK Vol.1: Issue 2: SMART Start-up Research Grants*. Featuring Dr. Qi's work on Tree Growth Regulator.

December 2001. *SU Insider - Agreement takes urban forestry abroad*, featuring the signing of cooperative agreement signing between Southern University and Northeast Forestry University of PR China and Dr. Yadong Qi was awarded for 3 years of visiting professorship by the Northeast Forestry University.

August 2001. *Grants Newsbrief*, OGSP 2000-2001 report, SU, Baton Rouge: listing Qi's new grants awarded by Louisiana Department of Agricultural and Forestry and US ACE. .

February 2002. *Southern Digest: SU Urban Forestry Program takes root as first in nation*, featuring Southern University urban forestry tree farm project directed by Yadong Qi.

2002. *Southern University Class Schedule and Student Registration Bulletin for May semester, summer and fall 2002*, featuring Qi's work with graduate and undergraduate students on the cover page.

November 2003. *The Advocate: SU-China Unite, Forestry brings two together*, a Feature of Southern University's visit to Beijing Forestry University in China and signing of a cooperative agreement between two universities. Qi served as a trip organizer and the facilitator.

2002-present, Southern University Web Sites, WWW.SUBR.EDU, Home page, a featuring picture with Qi's laboratory research.

2002. USDA UV-B Monitoring and Research Program 2002 Annual Report. p.3. featuring Dr. Qi's UV-B research project. Colorado State University.

January, 2003. *The Advocate : Baton Rouge Garden Club Section*, featuring Qi's speaking to the BR Garden Club on live oak.

Spring, 2003. *Jaguar Nation Magazine*, 2003 spring issue, pp. 42-43. Featuring two articles: *Faculty Profile – Yadong Qi*, and *SU, China Unite*.

April 6 2003, **LSU Museums Day 2003: Art and the Microscope:** featuring 7 large Scanning Electron Micrograph Prints of tree leaves from Dr. Yadong Qi, exhibits to public, among the 34 scientists from 17 different departments organizations. Qi's art prints are on the permanent exhibit now in the LSU Socolofsky Microscopy Center of LSU Department of Biological Sciences under the request of the center director.

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February 25, 2004. **The Opelousas Daily World, Daily World.Com**, Featuring Title “Park Dedicated near Palmetto”, featuring SU urban forestry program helping provide 500 trees for park planting and beautification from it tree farm, established by Dr. Yadong Qi.

September 4, 2004. **The Jaguar Journal, radio talk show on Channel WXOK 1460 AM** on Behalf of Southern University Ag Center. The topic was on urban forestry research and extension.

September 9, 2004. **The Chancellor Media’s Breakfast**: Highlight of USACE funded Bayou Bodcau Dam and Reservoir OMP book publication by Yadong Qi (PI) et al. with Media representatives and representations from the Army Corps of Engineers.

Fall 2004, **SU INSIDER** Vol. 14 No. 4. Titled “Urban foresters branch out to rural project, high technology”, Feathering Yadong Qi and Fulbert Namwamba on Bayou Bodcau Project and Book Publication.

Cambistat®, for a greener, Healthier, lower maintenance tree, Feathers Dr. Yadong Qi’s research results as a science base for application of the tree growth regulator in the 2005 Rainbow Tree Care Scientific Advancement Bulletin.

March, 2006. SU AG. Center Video Production, **Segment for Hibiscus Tea** features Yadong Qi.

April 24, 2006. **SU Day at Louisiana Legislature**, Rally on the Capitol – Hibiscus Tea and Samples, Extension Circulars, features Qi.

Summer, 2006, “**Researchers find Hibiscus promising source for small farmers**”, front page news on Hibiscus tea features Yadong Qi on <http://www.suagcenter.com/frontpage%20News/HibiscusTea.html>.

Fall, 2006, “**China delegation continues technology exchange**”, front page news features Yadong Qi’s effort in promoting US-China Scientific and technical Exchange in Urban Forestry.
<http://www.suagcenter.com/Frontpage%20News/ChinaDelegation.html>

November, 2006. “Professor Yadong Qi, an Invited Guest Speaker at Chinese Academy of Forestry” a front page news on Chinese Urban Forestry Website, <http://www.cuf.com.cn/>

Visited Nanjing China and provided technical assistance on Nanjing Green Garden Project during 5/6-18/2009. The news and site visits were featured in
http://www.newtown.gov.cn/www/newtown/zwgk-mb_a390905111264.htm

THESIS/DISSERTATION DIRECTED:

1. Master of Science in Sociology, Wilicia Blount, 2008. The development of A green Infrastructure management Vision and Strategic Plan for the City of Hammond, Louisiana Post Hurricane Katrina, A MS thesis, Southeastern Louisiana University. (Committee member).
2. Master of Science in Chemistry, Glen Smith, 2008. UV optical properties of two urban tree species. (Committee member).
3. Master of Science in Urban Forestry – Thomas Nyatta Legiandenyi, Summer 2006. Effect of non-point source pollution on urban watershed, a M.S. Thesis, Southern University. (Committee member)
4. Master of Science in Urban Forestry – Danelle D. Harrison, Spring 2006. Effects of Methyl Jasmonate on the Resistance of Loblolly Pine to Southern Pine Beetle. a M. S. Thesis, Southern University. (Committee Chair)
5. Master of Science in Urban Forestry – Ferchaud, Vanessa A., Summer 2005. Comparative Wood Anatomy of Selected Broadleaf Tree Species. 98pp. a M. S. Thesis, Southern University. (Committee Chair)
6. Master of Science in Urban Forestry – Teweldemedhin Okbagaber, Summer 2004. Simulation model for natural management using integrated geographic information systems and visual basic application. 100pp. a M. S. Thesis, Southern University. (Committee Member)

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7. Master of Sciences in Urban Forestry – Starr Lazoda, summer 2003. “Optic and Biochemical Properties of Young and Mature Leaves of four Broadleaf Species” 67pp. a M. S. Thesis, Southern University. (Committee Chair)
8. Master of Science – Jingzen Zhang, 2003. Developing a Park management Plan for Bayou Bodcau. 147pp. a M. S. Thesis, Southern University. (Committee Chair)
9. Master of Science - Qin, Jianhua, 2002. Optical and Biochemical Responses of Five Southern Broadleaf Tree Species to UV-B Radiation, 76pp. a M. S. Thesis, Southern University. (Committee Chair)
10. Master of Science – Jonathan A. Tuma, 2002. Integrated Watershed management Using GIS/RS: Designing an Operational Management Plan for the Natural Resources of the Bayou Bodcau Reservoir. a M. S. Thesis, Southern University. (Committee member)
11. Master of Science – Jammie Favorite, 2001. Quantifying carbon dioxide uptake and transpiration capacities of mature live oak trees, 78pp. a M.S. Thesis, Southern University. (Committee Chair)
12. Master of Science – Stephanie Sue M. Chin, 2001. Quantification of Paclbutrazol in the stems of *Liquidambar styraciflua L.*, *Quercus falcate var. pagodaefolia Ell.*, and *Pinus taeda L.* by Reversed Phase High Performance Liquid Chromatography (HPLC). 92pp. a M. S. Thesis, Southern University. (Committee member)
13. Master of Science – Ojo I. Thompson, 2000. Ozone Precursors: The quantitative analysis of biogenic volatile organic hydrocarbon under controlled environmental conditions. 66pp. a M.S. Thesis, Southern University. (Committee Chair)
14. Master of Science - Fred Fellner, 2002. Report on the effects of differing thickness of hardwood mulch on the development of containerized live oak trees. 61pp. a Non-thesis-capstone project. Southern University. (Committee Chair)
15. Master of Science – Tanya Knighten Hilton, 2001. The physiological and morphological affects of paclbutrazol on sweetgum and cherrybark oak species. 41pp. a Non-thesis -capstone project. Southern University. (Committee Chair)
16. Master of Science – Charles Courtney, 2001. Integrating urban forestry into the high school curriculum. 13pp. a Non-thesis -capstone project. Southern University. (Committee Chair)
17. Master of Science – Genoria Courtney, 2001. Urban sprawl and its impact on urban forestry – a bibliography. 124pp. a Non-thesis capstone project. Southern University. (Committee Chair)
18. Master of Science – Shane Williams, 2002. Biologically Based IPM Strategies for the Urban Forest, a Non-thesis -capstone project. Southern University. (Committee Member)
19. Master of Science – Sherry Fountain, 2002. Ecology and Epidemiology of Soil-born Pathogen of Urban Trees, a Non-thesis -capstone project. Southern University. (Committee Member)
20. Doctor of Philosophy – Shuju Bai, 1999. Physiological effects of tree growth regulators on several tree species. 215pp. a Ph.D. dissertation, Purdue University. (Dissertation committee member)

SELECTED NATIONAL AND INTERNATIONAL PRESENTATIONS:

1. Poster presentation entitled “Root characteristics and temperature requirements for normal development of Korean pine seedlings” at the *International Conference on Forest Vegetation Management* in Auburn, Alabama, April 27 to May 1, 1992.

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2. Oral presentation entitled “Net photosynthesis, stomata conductance, transpiration, and growth of Korean pine seedlings as influenced by cyclic soil moisture stress” at *the 12th North American Forest Biology Workshop*, Sault Ste. Marie, Ontario, Canada, Aug. 17-20, 1992.
3. Poster presentation entitled “New method of breaking *Pinus koraiensis* seed dormancy” at *the 68th International Society of Arboriculture Annual Conference*, Oakland CA, Aug. 8-12, 1992.
4. Poster presentation entitled “Cotyledon transpiration and stomatal conductance of *Pinus koraiensis* seedlings under five soil moisture regimes” at *1992 Society of American Foresters National Convention*, Richmond, VA. Oct. 25-28, 1992.
5. Poster presentation entitled “Growth and developmental characteristics of selected southern tree species” at *1994 Society of American Foresters National Convention* in Anchorage, Alaska. Sept. 18-22, 1994.
6. Poster presentation entitled “Moisture Relation, Nutrient Concentration, and Growth of Loblolly Pine Seedlings as influenced by Cyclic Soil Moisture Stress”. *The 69th International Society of Arboriculture Annual Conference*, Bismark, North Dakota. Aug.8-11, 1993.
7. Poster presentation entitled “Chlorophyll Content and Photosynthetic Characteristics of Ten Southern Urban Tree Species”, at *1993 Society of American Foresters National Convention*, Indianapolis, Indiana. Nov. 7-10, 1993.
8. Oral presentation entitled “Urban Forestry Movement in USA and SU Urban Forestry Program”, at the Inner Mongolia Forestry University, P. R. China. Dec. 24, 1994.
9. Oral presentation entitled “Carbon fixation, transpiration, and hydrocarbon emissions of selected southern tree species”, at *the 13th North American Forest Biology Workshop* in Baton Rouge, LA, June 14-16, 1994.
10. Oral presentation entitled “Measurement of Biogenic Hydrocarbon Emissions in Tree Seedlings” *Measurement of Toxic and Related Air Pollutants International Symposium*, sponsored by USDA Environmental Protection Agency and Air and Waste Management Association. May 16-18, 1995. Research Triangle Park, North Carolina.
11. Poster presentation entitled “Urban Forestry Program at Southern University - three year after” at *the 71st International Society of Arboriculture Annual Conference*. Hilton Head Island, South Carolina, Aug. 13-16, 1995.
12. Poster presentation entitled “Three aspects of gas exchange of selected southern tree species” at *the 70th International Society of Arboriculture Annual Conference*, in Halifax, Canada. Aug. 13-17, 1995.
13. Poster presentation entitled “Developing an Environmentally Sensitive Tree Planting Criterion for Urban Forestry” at *the 71st International Society of Arboriculture Annual Conference*. Hilton Head Island, South Carolina, Aug. 13-16, 1995.
14. Poster presentation entitled “Assessment of Photosynthetic Capacity of Mature Live Oak Trees” at *1996 Society of American Foresters National Convention*, Albuquerque, New Mexico, Nov. 9-13, 1996.
15. Poster presentation entitled “Canopy Structure, Photosynthetic and Transpiration Capacities of Mature Live Oaks” at *the 73rd International Society of Arboriculture Annual Conference*. Aug. 2-5, 1997. Salt Lake City, Utah.
16. Poster presentation entitled “Effect of Moisture Stress and Seed Source on Nutrient and Water Relations of Loblolly Pine Seedlings” at *the 1997 Society of American Foresters National Convention*. Memphis, Tennessee. Oct. 4-8, 1997.

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17. Poster presentation entitled "Wound Closure in Trees Affected by Paclobutrazol Growth Regulator" at *the 1997 Society of American Foresters National Convention*. Memphis, Tennessee. Oct. 4-8, 1997.
18. Poster presentation entitled "Assessing UV-B radiation Tolerance of Urban Woody Species" at *USDA Project Directors Conference*. March 5-6, 2000. Washington DC.
19. Oral presentation entitled "Assessing residents willingness-to-pay to preserve the urban forest: A small city case study" at *LA Urban Forestry Council Annual Conference*. Feb. 18-19, 2000. Baton Rouge.
20. Oral presentation entitled "Urban Forestry Teaching and Research at Southern University" to Faculty and Staff and Graduate Students, College of Forestry, Northeast Forestry University. July 10-20, 2000. Harbin PRC.
21. Poster presentation entitled "Effect of paclobutrazol on leaf optical properties of sweetgum and cherrybark oak" at *the 27th Annual Meeting of Plant Growth Regulation Society of America*. Kona, Hawaii, July 31-August 4, 2000.
22. Poster presentation entitled "Effect of Paclobutrazol on leaf U^v-B Absorbing Compound and Chlorophyll Concentrations and Leaf Thickness in Sweetgum and Cherrybark Oak" at *the 28th Plant Growth Regulator Society of America Annual Conference*. Miami Beach, FL. July 1-5, 2001.
23. Oral presentation entitled "Methodology for Comprehensive Evaluation of UV-B Tolerance in Trees", *SPIE's 46th Annual Meeting, The International Symposium on Optical Science and technology*. Session of UV Ground- and Space-Based Measurements, Models, and Effects (AM100), International Society for Optical Engineering. July 29-August3, 2001. San Diego, CA.
24. Oral presentation entitled "Estimation of Carbon Sequestration and Transpiration Capacity of Southern Live Oak" *Southern Forest Science Conference*, Nov. 26-28, 2001, Atlanta, Georgia.
25. Poster presentation entitled "Developing a Systematic Approach to Evaluation of UV-B Radiation Tolerance of Southern Trees" *Southern Forest Science Conference*, Nov. 26-28, 2001, Atlanta, Georgia.
26. Oral presentation entitled "Effect of paclobutrazol tree growth regulator on physiology and anatomy of sweet gum and cherrybark oak trees", invited by the NSF HBCU-UP SMART Program to present to its national advisory council in science, math, and engineering committee. SU Memorial Union Ballroom, November 9, 2001. Baton Rouge LA.
27. Oral presentations entitled "Assessing UV-B radiation tolerance in trees" to the faculty and staff at *the Institute of Botany of Chinese Academy of Science* in Jan. 7, 2002 during the USDA Urban Forestry Exchange Visit to PRC.
28. Oral presentation entitled "Carbon Sequestration of Live Oak" to *Maanshan City Council and Horticulture Department, PRC*, Jan 10, 2002 during the USDA-PRC Urban Forestry Exchange Visit to PRC.
29. Oral presentation entitled "Application of TGR into urban forestry practice" to the faculty and staff at *the College of Forestry at Nanjing Forestry University* in Jan 11, 2002 during the USDA-PRC Urban Forestry Exchange Visit to PRC.
30. Roundtable talk on urban forestry issues with Anhui Provincial Department of Forestry on January 8, 2002 and with Jiangsu Provincial Department of Forestry on January 14, 2002, during the USDA-PRC Urban Forestry Exchange Visit to PRC.
31. Poster presentation entitled "Leaf physiology and anatomy of two urban tree species as affected by paclobutrazol tree growth regulator" at *the 29th Annual Meeting of Plant Growth Regulation Society of America*, Halifax, Canada, July 28-August2, 2002.

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32. Poster presentation entitled “Comparative anatomy and physiology of sun-exposed and shaded leaves of southern live oak” at *Plant Biology 2002, American Society of Plant Biologists*. August 3-7, 2002. Denver, CO.
33. Oral presentation entitled “Intra and inter-specific comparisons of UV-B absorbing compound concentrations in southern broadleaf trees in the USA”, at *SPIE's Third International Asia-Pacific environmental Remote Sensing Symposium*. Hangzhou, China. Oct. 23-27, 2002.
34. Poster presentation entitled “Penetration and absorbing pigment concentrations of 310 nm UV-B radiation of five southern broadleaf species”, at *SPIE's Third International Asia-Pacific environmental Remote Sensing Symposium*. Hangzhou, China. Oct. 23-27, 2002.
35. Oral presentation entitled “Urban Forestry Program Research Overview” at *LSU Ag Center Annual Research Conference* with Dr. Collins. Dec. 16-17, 2002.
36. Poster presentation entitled “Lead uptake and effects on growth in seedlings of white ash, pecan, and baldcypress” *The 6th Annual DOE EPSCoR and LS-LAMP Research Conference*. Baton Rouge LA. November 1-3, 2002.
37. Oral presentation entitled “Live Oak”, at *Baton Rouge Garden Club Meeting*, January 17, 2003.
38. Oral presentation entitled “Modeling carbon dioxide uptake and water use of southern live oak (*Quercus virginiana* Mill.)” *The Association of Research Directors, Inc. Twelfth Biennial Research Symposium Program Abstracts*. March 29-April2, 2003. Atlanta, GA.
39. Poster presentation entitled “Effects of UV-B radiation on young leaves in comparison to mature leaves in broadleaf tree species”, *The Association of Research Directors, Inc. Twelfth Biennial Research Symposium Program Abstracts*. March 29-April2, 2003. Atlanta, GA.
40. Poster presentation entitled “Analysis of visitor survey and futuristic plans for Bayou Bodcau Recreational Area”, *The Association of Research Directors, Inc. Twelfth Biennial Research Symposium Program Abstracts*. March 29-April2, 2003. Atlanta, GA.
41. Poster presentation entitled “Bayou Bodcau Natural Resources management Plan”, *The Association of Research Directors, Inc. Twelfth Biennial Research Symposium Program Abstracts*. March 29-April2, 2003. Atlanta, GA.
42. Oral presentation entitled “Ultraviolet-B radiation protection mechanism in the leaves of pecan (*Carya illinoensis*)” at the Global Change Minisymposium (selected by the panel), in *Plant Biology 2003, the 2003 annual meeting of the American Society of Plant Biologists*, July 26-30, 2003. Honolulu, Hawaii.
43. Poster presentation entitled “Scanning Electron Microscopy of leaves of southern live oak” *Microscopy & Microanalysis 2003*. August 3-7, 2003. San Antonio, TX.
44. Poster presentation entitled “Using EDX/SEM to study heavy metal uptake and elemental composition in plant tissues” *Microscopy & Microanalysis 2003*. August 3-7, 2003. San Antonio, TX.
45. Oral presentation entitled “Penetration of UV-A, UV-B, blue and red light into leaf tissues of pecan measured by a fiber optic microprobe system”. *The SPIE's 48th Annual Meeting, the International Symposium on Optical Science and Technology. Session of UV Ground- and Space-based Measurements, Models, and Effects III*, International Society for Optical Engineering. August 3-8, 2003. San Diego, CA.
46. Poster presentation entitled “Modeling ecological functions and environmental benefits of southern live oak (*Quercus virginiana*, Mill.)”, *The 2003 Society of American Foresters National Convention*, October 25-29, 2003. Buffalo, NY.

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47. Invited by the Chinese Academy of Forestry and Beijing Forestry University during 7/23-8/5/04, Dr. Yadong Qi gave a lecture to the scientific community in urban forestry on the following topics: 1) urban forestry advancement in the US, 2) research on urban tree UV-B protection mechanisms, and 3) urban ecological analysis in the US. During the visit, Dr. Qi was also invited to several roundtable talks to explore the potential collaborations with the Chinese urban forestry researchers.
48. Dr. Qi went go radio talk show for “The Jaguar Journal” on the Channel WXOK 1460 AM on Behalf of Southern University Ag Center on September 4, 2004. The topic was on urban forestry research and extension.
49. Dr. Qi was invited to give a media presentation to talk about the Bayou Bodcau Dam and Reservoir OMP book publication at The Chancellor Media’s Breakfast on September 9, 2004. The news was also broadcasted on TV Channel 9 the same day.
50. Dr. Qi gave two talks on “Nature and Success of Community Forestry Programs” and “Assessing UV-B radiation tolerance of urban woody species” at the USDA Agricultural Research program Review at SUAREC, BR LA., November 30, 2005.
51. Dr. Qi was invited to give a talk on “Update of urban forest, urban and community forestry in the US” to the faculty and students in Beijing Forestry University on Jan 12, 2005.
52. Dr. Qi was invited to give a talk on “Urban and Community Forestry Advancement in the USA” at the 3rd Chinese Forestry Society Urban Forestry Conference in Beijing on Jan 13, 2005.
53. Dr. Qi was invited to give a talk on “Mulch utilization in urban forestry in the US” at the Beijing Forestry Bureau, Beijing, China on January 14, 2005.
54. Dr. Qi gave a talk on “Hibiscus Sabdarrifa Project at SU” at the BR hibiscus society meeting on February 2, 2005 at Burden Plantation, BR LA.
55. Dr. Qi gave an oral presentation entitled “Physiological, Anatomical, and Ecological Characteristics of Quercus Virginiana”, at the 13th Biennials Southern Silvicultural Research Conference, Feb. 28 – Mar. 4, 2005, Memphis, TN.
56. Dr. Qi presented a poster paper entitled “Study of heavy metal uptake and elemental composition of plants using SEM/EDX” at the HBCU Environmental Technology Consortium Conference in Washington DC, August 2005.
57. Dr. Qi presented a poster paper entitled “Impact of lead concentration on growth and development of baldcypress seedlings” at the HBCU Environmental Technology Consortium Conference in Washington DC, August 2005.
58. Dr. Qi gave an oral presentation entitled “Ecological and Environmental Benefits of Urban Forests” at the American Association of University Women, in Baton Rouge LA, on February 22, 2006.
59. Competitive Oral Presentation - Qi, Yadong, Shuju Bai, Thomas C. Vogelmann, Gordon M. Heisler. 2006. UV-B Radiation Protection Mechanism in Selected Broadleaf Trees in the South. The 14th Biennial Association of Research Directors’ Symposium, April 1-5 2006, Atlanta, Georgia.
60. Competitive Poster Presentation - Collins, Daniel J., Kamran Abdollahi, Andra Johnson, Fulbert Namwamba, Zhu Ning, Yadong Qi, and Erik Taylor. 2006. Contributions of the Urban Forestry Program at Southern University to Diversity in the Natural Resource Workforce. The 14th Biennial Association of Research Directors’ Symposium, April 1-5 2006, Atlanta, Georgia.

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61. Competitive Poster Presentation - Qi, Yadong, Tanya K. Hilton, William R. Chaney and Ying Xiao. 2006. Paclobutrazol Tree Growth Regulator Affects Physiology and Morphology of Sweetgum and Cherrybark Oak. The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
62. Poster Presentation - Chin, Kit L., Yadong Qi, Mila Berhane and James Simon. 2006. Catnip: A Potential New Crop for the South. The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
63. Poster Presentation - Qi, Yadong, Kit L. Chin, Owusu Bandele and Milagro Berhane. 2006. Introducing Roselle (*Hibiscus Sabdariffa*) to American Farmers as a Value Added Cash Crop - Cultivar and Fertilizer Trials in Louisiana. The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
64. Competitive Undergraduate Poster Presentation - Blount, Wilicia, Yadong Qi, Kit L. Chin, and Wesley G. Gray. 2006. Impact of Lead Concentration on Growth and Development of Baldcypress Seedlings. The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
65. Competitive Graduate Poster Presentation - Ferchaud, Vanessa A., Yadong Qi and James I. McNitt. 2006. Comparative Wood Anatomy of Selected Southern Broadleaf Trees Using Cryo-microtechnique and Microscope Imaging Systems. The 14th Biennial Association of Research Directors' Symposium, April 1-5 2006, Atlanta, Georgia.
66. Dr. Qi gave an oral presentation entitled "Trees in the Park" at the Hazard Tree Assessment and Management Training Workshop, at Southern University Agricultural Research and Extension Center, June 27, 2006, Baton Rouge LA.
67. Invited by the Ministry of Education of China and Inner Mongolia Association of Science and Technology Dr. Qi gave an oral presentation entitled "Update of Urban and Community Forestry Development in USA" at the 3rd International Conference on Environmental Enhancement and Sustainable Development, Hohhot, Inner Mongolia, China. August 4-8, 2006.
68. Dr. Qi gave a round table talk on use of tree growth retardant paclobutrazol to control trees under utility and methodology for measuring UV-B tolerance at the Inner Mongolia Academy of Forest Science, Hohhot, China, on August 9, 2006.
69. Dr. Qi organized and hosted Hibiscus and Urban Tree Farm Field Day for Southern University Ag. Center on Nov. 10, 2006.
70. Dr. Qi was invited by the Chinese Academy of Forestry as a guest speaker, giving a keynote speech titled "Current Situations and Prospects of Urban Forestry Research and Technology Transfer in the US" at the China's 5th National Urban Forestry Symposium, Huangshan, Anhui, China. November 15-17, 2006.
71. Dr. Qi and Dr. Wu as invited guest speakers gave a joint seminars on two topics "1. Urban Forestry Research and Technology Transfer in the US, and 2. Biomass, Mulch Production and Utilization – A North America Perspective" at Chinese Academy of Forestry on Nov. 13, 2006 and at Beijing Forestry University on Nov. 14, 2006.
72. Ferchaud, V.A., Yadong Qi, and James McNitt, presented a paper on comparative wood anatomy of selected southern broadleaf trees, at the 81st Annual meeting of the Louisiana Academy of Science, Baton Rouge, LA. March 16, 2007.
73. Ferchaud, V.A., Yadong Qi, and James McNitt, 2007 gave a presentation on comparative anatomy of ten selected urban trees in the city of Baton Rouge, Louisiana, at the National Conference on Emerging Issues along Urban/Rural Interfaces, Atlanta, Georgia, April 9-12, 2007.

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74. Yadong Qi, Shuju Bai, Gordon M. Heisler & Thomas C. Vogelmann, gave a presentation titled “Mechanism of UV-B Radiation Tolerance in Selected Broadleaf Trees in the South” at the 14Th Biennial Southern Silvicultural Research Conference February 26-March 1, 2007 Athens, GA.
75. Danelle D. Harrison, Kier D. Klepzig & Yadong Qi, gave a presentation titled “Effects of methyl jasmonate on the resistance of loblolly pine to Southern Pine Beetle” at the 14Th Biennial Southern Silvicultural Research Conference February 26-March 1, 2007 Athens, GA
76. Qi, Y., W. R. Chaney, T. K. Hilton. Paclobutrazol Tree Growth Regulator Affects Physiology, Morphology and Growth of Sweetgum and Cherrybark Oak. Presentation at the 19th International Plant Growth Substances Association Meeting, Puerto Vallarta, Mexico. July 21-25, 2007.
77. Qi, Y., W. R. Chaney, T. K. Hilton, and Y. Xiao. 2007. Effects of Paclobutrazol on Physiology, Morphology and Growth of Sweetgum and Cherrybark Oak. Presentation at the International Society of Arboriculture 83rd Annual Conference and Trade Show, Honolulu, HI, July 28-August 1, 2007.
78. Qi, Y. 2007 gave presentation entitled “Urban Forest Tree Health Assessment” in the Plant Biosecurity Symposium, Baton Rouge, LA. Nov. 6-7, 2007.
79. Qi, Y. and Kit L. Chin and Owusu Bandele. 2007. Presentation Hibiscus Research at SUAREC. Annual Sustainable Ag Field Day. Baton Rouge, LA. Oct. 27, 2007.
80. Qi, Y. 2007 gave a presentation on “Benefits of Urban and Community Forestry” at the Tree Planting Workshop, Opelousas LA, July 31, 2007.
81. Foster, B. and Yadong Qi. 2007. Assessment of Internal Decay of Trees in Water Oak Using Sonic Tomograph Technology. SU-SMART 2007 Summer Research Experiences for Undergraduates SREU Presentations. Baton Rouge, LA. July 24-25, 2007.
82. Qi, Yadong, Kit L. Chin, Owusu Bandele, and Milagro Berhane. 2008. Presentation entitled “Market Potential of Roselle (*Hibiscus Sabdariffa*) as a cash crop in Warmer U.S. Climates” at American Farm Bureau Federation 89th Annual Convention, Jan 13-16, 2008 New Orleans, LA.
83. Ferchaud, V.A. and Yadong Qi, 2008. Take a closer look at the inside of the tree. National Symposium on Race, Place, and the Environment after Katrina. New Orleans, LA. May 15-17, 2008.
84. Foster, B., Yadong Qi, and Venessa Ferchaud. 2007. Presentation entitled “Assessment of Internal Decay of Trees in Water Oak (*Quercus nigra* L.) Using Sonic Tomography Technology” at 2007 HBCU-UP National Research Conference, October 4-7, 2007, Washington DC.
85. Qi, Y. 2008. Presentation entitled “Detection of Internal Decay in Water Oak (*Quercus nigra*) Using Sonic Tomography Technology” at International Society of Arboriculture 84th Annual Conference, St. Louis. MO, July 26-31, 2008.
86. Yadong Qi. 2008. UV_B Radiation Protection Mechanism in Selected Broadleaf trees. Presentation at the Society of American Foresters national Convention. November 5-9, 2008. Reno, Nevada.
87. Yadong Qi, Daniel Collins, Fulbert Namwamba and Andra Johnson. 2008. Urban Forests and Tree Health Assessment. Plant Biosecurity Symposium, Southern University and A&M College, Baton Rouge, LA. November 20-21, 2008. 2008. The presentation has been broadcasted on the Channel 21, Hometown Network in Baton Rouge.
88. Yadong Qi, Brittany Forester, Fred Feller, and Y. Li, 2008. Is Your Tree Safe? Seminar given at SU Ag Center. November 20, 2008. The seminar was featured by the Advocate Newspaper, The AP Associated Press, the SUBR and SUAREC websites, and other sources.

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89. Yadong Qi. 2008. Nutritional Aspects of *Hibiscus Sabdariffa*. Presentation at the Fall Hibiscus Workshop in Opelousas. St. Landry Parish. November 11, 2008
90. Roselle Hibiscus (*Hibiscus sabdariffa*) Research at Southern University, by Chin, K. L., Y. Qi, F. Malekian, V. Bachireddy, O. Bandele and M. Berhane, – Scientist Poster presentation – Small scale agriculture and rural development. *The 15th Association of Research Directors Biennial Research Symposium*, March 28-April 1, 2009. Atlanta Georgia.
91. The Anatomy and Morphology of Four Different Hibiscus Accessions. Ferchaud, V. A., Y. Qi and K. L. Chin, Graduate Student - Poster Competitive – Small Scale Agriculture and Rural Development. *The 15th Association of Research Directors Biennial Research Symposium*, March 28-April 1, 2009. Atlanta Georgia.
92. Effects of Hurricane Gustav on the Urban Forest in the City of Central, East Baton Rouge Parish, Louisiana. Preutt, J., Y. Qi, and D. J. Collins, Graduate Student - Poster Competitive – Renewable Resources and Environmental Stewardship. *The 15th Association of Research Directors Biennial Research Symposium*, March 28-April 1, 2009. Atlanta Georgia.
93. Application of Paclobutrazol Tree Growth Regulator into Urban and Utility Forest Management. Qi, Y., S. Self, V. A. Ferchaud, W. R. Chaney, and S. Bai. Scientist – Oral Competitive – Renewable Resources and Environmental Stewardship. *The 15th Association of Research Directors Biennial Research Symposium*, March 28-April 1, 2009. Atlanta Georgia.
94. Nanotechnology Application in Forest Health Management. Qi, Y., K. Lian, Q. L. Wu, K. L. Chin, D. Collins, K. Klepzig, and Y. Li. Scientist – Poster Competitive – Emerging Technologies. *The 15th Association of Research Directors Biennial Research Symposium*, March 28-April 1, 2009. Atlanta Georgia.
95. Hibiscus (*Hibiscus sabdariffa*) species grown in Louisiana. Chin, K. L., Y. Qi, and M. Berhane. Scientist – Poster presentation – Small scale agriculture and rural development *The 15th Association of Research Directors Biennial Research Symposium*, March 28-April 1, 2009. Atlanta Georgia.
96. A Comparison between Regular Sugar Cookies and Hibiscus Cookies. Malekian, F., M. Khachaturyan, K. Chin, M. Berhane, and Y. Qi, Scientist – Poster Presentation - Food Safety, Human Nutrition and Health. *The 15th Association of Research Directors Biennial Research Symposium*, March 28-April 1, 2009. Atlanta Georgia.
97. Survey of the Total Flavonoid Content in Fresh Calyxes and Leaves of Four Variety of Roselle (*Hibiscus sabdariffa*). Wang, S. Q., Y. Qi and K. L. Chin Scientist – Poster – Human Nutrition and Health, or renewable natural resources. *The 15th Association of Research Directors Biennial Research Symposium*, March 28-April 1, 2009. Atlanta Georgia.
98. Application of Sonic Tomography Technology into Detection of Internal Decay in Water Oak (*Quercus nigra* L.) Qi*, Y., B. D. Foster, V. A. Ferchaud, and D. Collins, Scientist – Poster Competitive – Emerging Technologies. *The 15th Association of Research Directors Biennial Research Symposium*, March 28-April 1, 2009. Atlanta Georgia.
99. Training the Next Generation of Agricultural Scientists in Plant Biosecurity. Collins*, D. J., K. Abdollahi, Z. Ning, A. Johnson, Y. Qi, and F. Namwamba, Scientist - Oral Presentation - Renewable Resources and Environmental Stewardship *The 15th Association of Research Directors Biennial Research Symposium*, March 28-April 1, 2009. Atlanta Georgia.
100. Qi, Yadong. 2009. Nutritional Aspects of *Hibiscus Sabdariffa*. Presentation at the Spring Hibiscus Workshop. St. Martin Parish Office. April 6, 2009.

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101. Qi, Yadong. 2009. Current State of Urban and Community Forestry in the USA. Invited Expert presentation at The 6th China Urban Forest Forum. May 7-8, 2009, Hangzhou, China. The presentation has been featured by the Chinese Premier Websites and news agencies including the China Economy Daily News, the China State Forestry Administration Website etc.
102. Qi, Yadong. 2009. Using nanotechnology to improve forest health and forest product quality. Presentation at the International Conference on Nanotechnology for Forest Products Industry in Edmonton, Alberta Canada, June 23-26, 2009.

Partnership and Collaboration in Research and Outreach

1. Collaboration with USDA-Foreign Agricultural Service on Scientific and Technical Exchange with China since 2000: Collaborators: Calvina Dupre and Alma Bowman.
2. Collaboration with Center for Advanced Devices and Microstructure at LSU on nanotechnology and EDXA analysis of trees for phytoremediation since 2001. Collaborator: Dr. Kun Lian
3. Collaboration with Beijing Global Action Centre on Ecology, Education and Cultural Development since 2002, Collaborator: Yang Lei.
4. Collaboration with Department of Botany, University of Wyoming, on using Fiber Optic Microprobe technology in UV-B research since 1999. Collaborator: Dr. Thomas Vogelmann
5. Collaboration with Louisiana State University on urban forestry Activities. Collaborators: Dr. Jimmy Chambers, Dr. Edward Bush, Mr. Fred Fellner, and Ms. Ying Xiao
6. Collaboration with Purdue University on tree growth regulator application in urban forestry since 1997. Collaborator: Dr. William Chaney
7. Collaboration with State Forestry Administration on scientific and technical exchange in urban forestry since 2002. Collaborators: Mr. Guoxiang Han and Mr. Nengzhi Qian
8. Collaboration with USDA Northeast Research Station on assessing ultraviolet B radiation tolerance of urban woody species since 1998. Collaborator: Dr. Gordon Heisler
9. Collaboration with USDA-UV-B monitoring network on impact study of UV-B radiation on vegetations since 2001. Collaborator: Dr. Wei Gao
10. Partnership with Institute of Botany, Chinese Academy of Science, on study of UV-B – Plant interaction since 2000. Collaborator: Dr. Shouren Zhang
11. Partnership with Northeast Forestry University, Harbin, PRC on long-term forest ecological study since 1998. Cooperators: Prof. Xiaofeng Zhou, Dr. Qingxi Guo
12. Partnership with Beijing Forestry University on urban forestry cooperation since 2002. Cooperators: Jinzhao Zhu and Dr. Zhiqiang Zhang
13. Partnership with LA Department of Agricultural and Forestry Office of Urban Forestry on growing large bare-root planting stock for urban and community forestry project. Partners: Mrs. Bonnie Stine and Mr. Paul Orr
14. Partnership with Northeast Forestry University on urban forestry cooperation since 2001. Cooperators: Vice President Chuanping Yang and Prof. Xiaofeng Zhou

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15. Partnership with SU Environmental Technology Consortium on developing phytoremediation technology. Partner: Dr. Robert Ford
16. Partnership with US Army Corps Engineering on developing an operational management plan for Bayou Bodcau LA. Partners: Mr. Susan Odom and Mr. Johnny Kiser
17. Research Collaboration with Southern Pine Research Station at Pineville, LA, on Effects of methyl jasmonate on resistance of loblolly pine to southern pine beetle. Collaborator: Dr. Kier Klepzig.
18. On-going research collaboration with Chinese Academy of Forestry: on urban forestry technology transfers Collaborators: Dr. Cheng Wang
19. Collaboration with Michigan State University (Dr. Yin, Rensheng) and Purdue University (Dr. Shao, Guofan) on Study Abroad Programs in China.

INTERNATIONAL EXPERIENCES

1. Obtained three USDA-FAS grants in 1998, 2001, and 2003 to conduct US-China Scientific and Technical Exchange in Urban Forestry.
2. Hosted the Chinese delegation in forestry headed by the president of Inner Mongolia Forestry University in August 1998.
3. Hosted the Chinese delegation in forest science and ecosystem management headed by the president of Beijing Forestry University in November-December 2000.
4. Hosted the Chinese urban forestry delegation headed by the vice president of Northeast Forestry University in August 2001, leading to the signing of the MOU between Southern University System and the Northeast Forestry University of China.
5. Hosted the Scientific Exchange Visit from Institute of Botany of Chinese Academy of Science on UV-B research project in May 2001
6. Organized the USDA/FAS (US Department of Agriculture, Foreign Agricultural Service). Urban Forestry Exchange Delegation to visit P.R. China in January 2002, sponsored by the USDA/FAS and Ministry of Agriculture of China.
7. Hosted the Chinese delegation in forest standardization headed by the Director of Scientific and Technology Division, State Forestry Administration, PRC. May 2002.
8. As a member of the Southern University Official Delegation, invited by the Beijing Forestry University and headed by the Chancellor Leodrey Williams of SU Ag Center, attended the 50th Anniversary of Beijing forestry University and International Presidential Forum on High Education in Beijing in Oct. 2002. The Cooperative Agreement was also signed between Southern University and Beijing Forestry University during this trip.
9. Hosted the Chinese Green Delegation from the National Greening Commission of PR. China, Headed by the Director General of the Commission in December, 2002.
10. Served as a Visiting Professor for Inner Mongolia Forestry University PRC, 1995-1999.
11. Serving as a Visiting Professor for Northeast Forestry University PRC, 2001-2004
12. Serving as an Editorial Board member, "*Chinese Journal of Urban Forestry*" Since January 2003.

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13. Collaboration with Chinese Institute of Forestry, Chinese Academy of Forestry, on urban forestry technical exchange, 2002 to present.
14. Serving as an international consultant for Beijing Global Action Centre for Ecology and Cultural Development since 2003.
15. Hosted Beijing Forestry University Urban Forestry Exchange Scientist Dr. Zhiqiang Zhang, 4/24-5/6/2004
16. Organized the USDA Urban Forestry Exchange Delegation to visit P.R. China in January 10-22, 2005, sponsored by the USDA/FAS and Ministry of Agriculture of China.
17. Invited by the Ministry of Education of China and Inner Mongolia Association of Science and Technology Dr. Qi gave an presentation entitled “Update of Urban and Community Forestry Development in USA” at the 3rd International Conference on Environmental Enhancement and Sustainable Development of Western China, Hohhot, August 4-8, 2006. She also served as a technical session chair for the resource utilization and sustainable development session.
18. Hosted Chinese Academy of Forestry Urban Forestry Delegation led by Dr. Cheng Wang, Sept 28-Oct. 9, 2006
19. Invited by the Chinese Academy of Forestry, gave urban forestry seminars in CAF and Beijing Forestry University, and gave a Special Guest Lecture at the Chinese Urban Forestry Symposium in Huangshan, China during Nov. 13-17, 2006.
20. Invited to give a talk at The 6th China Urban Forest Forum. May 7-8, 2009. Hangzhou, China. The presentation has been featured in *China Economy Daily Network* http://net.ce.cn/cuf/live/200905/08/t20090508_286580.shtml; and broadcasted on *The State Forestry Administration of China Website*: <http://www.forestry.gov.cn/distribution/2009/ftzb/2009-05-08-504822.html>; http://www.forestry.gov.cn/distribution/2009/05/08/zxftzb_zy-2009-05-08-510.html
21. Visited Mulch Research sites in China, Hangzhou, Beijing, and Nanjing in May 2009, a collaborative project with the Chinese Academy of Forestry.
22. Initiated a research project with the International Bamboo and Rattan Center on Plant Growth Regulator Research in May 2009.