

## **ANDREW J. PULTE - Curriculum Vitae**

### **Education:**

2016: **The University of Tennessee** – Knoxville, TN

**Major:** Plants, Soils, and Insects – Emphasis: Public Horticulture

**Degree:** Ph.D.

**GPA:** 4.0

2008 **The University of Tennessee** – Knoxville, TN

**Major:** Plant Sciences/Public Horticulture

**Degree:** M.S.

**G.P.A.:** 3.96

2000 **The University of Nebraska** – Lincoln, NE

**Major:** Horticulture

**Minor:** Communications

**Degree:** Bachelors of Science

### **Professional Certifications:**

International Society of Arboriculture, ISA Certified Arborist

Certificate in Non-Profit Administration from The University of Tennessee (2007)

Certified instructor for Project Wild, Project Learning Tree, and Project Wet (K-12 Environmental Education Program)

### **Personal Teaching Philosophy**

The opportunity to impart knowledge through teaching is one of the most important responsibilities I have as an instructor at the University of Tennessee. I see every opportunity to teach as a way to inspire every student to achieve a greater level of learning. Learning, which can be one of the most empowering and important human experiences, is at the center of everything I do at UT. My desire for learning and education is the foundation of my teaching. I strive to inspire greatness by supporting positive achievements and providing outlets for students to succeed.

For students, success can begin in the classroom and at the advising table. In the classroom students gain knowledge they can apply directly in their careers. At

the advising table, I have an opportunity to direct students toward their passions. I believe good teaching and advising is something that can be developed over time for those who are open to change. With this in mind, I attempt to be a better adviser and better teacher every time I interact with a student. I strive to look for ways to move forward, away from traditional lecturing, taking an active-learning, student-centered approach. With that in mind, I believe the following three ideas are central to my teaching philosophy.

### **Idea #1: Teach critical-thinking**

Regardless of their high academic achievement, I believe fine-tuning our students' critical thinking skills and problem-solving ability is very important. These skills will serve them well throughout their careers. To help students practice these skills, it is important for instructors to present students with multi-step problems that require them to obtain outside knowledge to complete an assigned task. This, in a way mimics the work environment where many times they will be presented only with outcomes needed, void of the steps required to complete a task.

### **Idea #2: Regularly give students an opportunity to become the teacher in the classroom**

I strive to move students beyond simply learning onto mastery of the subject matter. It is my observation this happens in the most efficient way by asking students to occasionally teach or present course information themselves. I often dedicate classroom time to having students present information. The learning process that emerges during the course of teaching is of an intrinsically social nature where all classroom participants are able to contribute to a common goal. Teaching also provides an important opportunity for recognizing one's own ignorance and thereby rendering oneself open to the possibility of learning.

Other than getting up in front of the class, there are other ways students can "become teachers." During many class-periods, I require students to "bring information to class." This is accomplished by having students complete an assignment regarding the information that will be discussed in the next class (before the information is actually presented in class). Often times this is a reading or online video students are required to have completed before class. Class will then start with a quiz over this material. This method has a transformational effect on the students in the classroom. Instead of telling students everything they should know, they become part of the discussion, and active contributors in their own education. They in part, become their own teachers, asking questions, searching and striving for mastery of the subject matter.

### **Idea #3: Provide good customer service**

Routinely, emphasis is placed on work that is done in the classroom. However, another component of the student experience must be good advising and communication with faculty. My perspective is that students at this university are customers we must serve well. Many of the brightest students have a myriad of choices when it comes to their education. Not just different schools, but different disciplines and departments as well.

We must be proactive with our communication and advising. If we do not serve our students effectively, many will find departments or even other universities that will. This goes beyond simply responding to emails in a timely manner or giving accurate information during advising sessions. Serving students well, also includes, providing course offerings that are current and updated. Many of the jobs graduates will hold in their lives did not even exist when their professors were in college. With this in mind, we must continually be evaluating our curriculum to ensure it is preparing our students for the workforce they will enter upon graduation.

### **Final Thoughts:**

I believe a good class starts when a teacher has a passion for the course material. I believe teacher passion inspires students to not only learn but also achieve a higher level of understanding. Together, inspired students and passionate teachers can collaborate toward meaningful inquiry and learning. The act of teacher and student inquiry includes searching, exploring, studying, examining one's own practice, and discovering and rediscovering new possibilities. It demands students and teachers work collaboratively with colleagues and peers to do what one could not do on their own. My goal is to serve and motivate our students, our leaders and innovators of the future.

### **In summation, through teaching I aspire to:**

- Seek out opportunities to teach above basic requirements
- Give students the opportunity to learn through teaching
- Provide undergraduates opportunities to build diverse skill sets
- Advance students' critical thinking skills
- Stay current in the knowledge of my discipline
- Display enthusiasm for learning in and out of the classroom
- Be an impartial evaluator of students
- Show genuine sincerity toward students
- Be an available, helpful mentor when needed
- Teach others about plants through a variety of media outlets

## **University of Tennessee Classes Taught**

Spring 2018: Plant Sciences 494: (3 Credit Hours): Horticultural Communications  
Spring 2018: Plant Sci. 330: (3 Credit Hours/Team Taught): Plant Propagation  
Spring 2018: Plant Sciences 221: (3 Credit Hours): Basic Landscape Plant II  
Spring 2018: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Spring 2018: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci  
Spring 2018: UNHO 227 (3 Credit hours): Plants, Parks and People

Fall 2017: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2017: Plant Sciences 226 (3 Credit Hours): Public Horticulture  
Fall 2017: Plant Sciences 115: (3 Credit Hours): Plts. that Changed the World  
Fall 2017: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Fall 2017: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Fall 2017: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci

Spring 2017: Plant Sci. 330: (3 Credit Hours/Team Taught): Plant Propagation  
Spring 2017: Plant Sciences 221: (3 Credit Hours): Basic Landscape Plant II  
Spring 2017: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Spring 2017: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci  
Spring 2017: Plant Sci. 330: (3 Credit Hours/Team Taught): Plant Propagation

Fall 2016: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2016: Plant Sciences 226 (3 Credit Hours): Public Horticulture  
Fall 2016: Plant Sciences 115: (3 Credit Hours): Plts. that Changed the World  
Fall 2016: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Fall 2016: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Fall 2016: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci

Spring 2016: Plant Sciences 494: (3 Credit Hours): Horticultural Communications  
Spring 2016: Plant Sci. 330: (3 Credit Hours/Team Taught): Plant Propagation  
Spring 2016: Plant Sciences 221: (3 Credit Hours): Basic Landscape Plant II  
Spring 2016: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Spring 2016: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci

Fall 2015: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2015: Plant Sciences 226 (3 Credit Hours): Public Horticulture  
Fall 2015: Plant Sciences 115: (3 Credit Hours): Plts. that Changed the World  
Fall 2015: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Fall 2015: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Fall 2015: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci

Spring 2015: Plant Sci. 330: (3 Credit Hours/Team Taught): Plant Propagation  
Spring 2015: Plant Sciences 221: (3 Credit Hours): Basic Landscape Plant II  
Spring 2015: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Spring 2015: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci

## **University of Tennessee Classes Taught Continued**

Fall 2014: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2014: Plant Sciences 226 (3 Credit Hours): Public Horticulture  
Fall 2014: Plant Sciences 115: (3 Credit Hours): Plts. that Changed the World  
Fall 2014: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Fall 2014: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Fall 2014: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Spring 2014: Plant Sciences 494: (3 Credit Hours): Horticultural Communications  
Spring 2014: Plant Sci. 330: (3 Credit Hours/Team Taught): Plant Propagation  
Spring 2014: Plant Sciences 221: (3 Credit Hours): Basic Landscape Plant II  
Spring 2014: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Spring 2014: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Fall 2013: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2013: Plant Sciences 226 (3 Credit Hours): Public Horticulture  
Fall 2013: Plant Sciences 115: (3 Credit Hours): Plts. for Health, Ast. & Wellb.  
Fall 2013: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Fall 2013: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Fall 2013: First Year Studies 101: (1 Credit Hour): Food Safety, Security and Hunger  
Fall 2013: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Spring 2013: Plant Sci. 330: (3 Credit Hours/Team Taught): Plant Propagation  
Spring 2013: Plant Sciences 221: (3 Credit Hours): Basic Landscape Plant II  
Spring 2013: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Spring 2013: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Spring 2013: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Fall 2012: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2012: Plant Sciences 226 (3 Credit Hours): Public Horticulture  
Fall 2012: Plant Sciences 115: (3 Credit Hours): Plts. for Health, Ast. & Wellb.  
Fall 2012: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Fall 2012: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Fall 2012: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Spring 2012: Plant Sciences 494: (3 Credit Hours): Horticultural Communications  
Spring 2012: Plant Sciences 221: (3 Credit Hours): Basic Landscape Plant II  
Spring 2012: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Spring 2012: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Spring 2012: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Fall 2011: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2011: Plant Sciences 226 (3 Credit Hours): Public Horticulture  
Fall 2011: Plant Sciences 115: (3 Credit Hours): Plts. for Health, Ast. & Wellb.  
Fall 2011: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Fall 2011: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Fall 2011: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

## **University of Tennessee Classes Taught Continued**

Spring 2011: Plant Sciences 494: (3 Credit Hours): Horticultural Communications  
Spring 2011: Plant Sciences 221: (3 Credit Hours): Basic Landscape Plant II  
Spring 2011: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Spring 2011: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Spring 2011: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Fall 2010: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2010: Plant Sciences 226 (3 Credit Hours): Public Horticulture  
Fall 2010: Plant Sciences 115: (3 Credit Hours): Plts. for Health, Ast. & Wellb.  
Fall 2010: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Fall 2010: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Fall 2010: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Spring 2010: Plant Sciences 494: (3 Credit Hours): Horticultural Communications  
Spring 2010: Plant Sciences 221: (3 Credit Hours): Basic Landscape Plant II  
Spring 2010: Plant Sciences 439: (3 Credit Hours): Botanic Garden Practicum  
Spring 2010: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Spring 2010: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Fall 2009: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2009: Plant Sciences 226 (3 Credit Hours): Public Horticulture  
Fall 2009: Plant Sciences 115: (3 Credit Hours): Plts. for Health, Ast. & Wellb.  
Fall 2009: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Fall 2009: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Spring 2009: Plant Sciences 494: (3 Credit Hours): Horticultural Communications  
Spring 2009: Plant Sciences 291/221 (3 Credit Hours): Basic Landscape Plant II  
Spring 2009: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Spring 2009: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Fall 2008: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Fall 2008: Plant Sciences 226 (3 Credit Hours): Public Horticulture  
Fall 2008: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2008: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Fall 2007: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2007: Plant Sciences 469 (2 Credit Hours): Teaching Practicum  
Fall 2007: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

Fall 2006: Plant Sciences 220 (3 Credit Hours): Basic Landscape Plants  
Fall 2006: Plant Sci. 493 (3 Credit Hours): Problems in Horticulture and Plant Sci.

### **International Study Abroad Co-Leader**

Spring Break 2018: Costa Rica

Summer 2015: International Agriculture in Thailand

Summer 2014: International Agriculture in Jamaica

### **Professional Development in Education**

Bartlett Research Student/Faculty Educational Workshop, Fall 2017

Teaching Locally, Engaging Globally: Creating a Community of Global Thinking Fellows: Global Critical Thinking Fellowship, Belize, Spring 2017

UTK – Experiential Learning Training, Spring 2017

CASNR Teaching Workshop: It's Personal, The Power of Experiential Learning, Fall 2015

Teaching Methods/Natural Resources (3 Credit Hours)(FWF 601), Fall 2014

Critical Thinking Workshop: Tennessee Teaching & Learning Center, Fall 2013

SACS Reaffirmation, Assessment Roundtable: T.T. & Learning Center, March 2013

Time Management Workshop, UTK- Human Resources, 2013

Service Learning Workshop: Tennessee Teaching & Learning Center, July 2012

Experiential Learning Workshop: Tennessee Teaching & Learning Center, Oct. 2011

Special Topics in Teaching: (3 Credit Hours) (T/P TCH ED 695), Spring 2010

Transforming Critical Thinking: Thinking Constructively and Educational Implications (3 Credit Hours) (CSE 548), Spring 2009

Trends in Education: (3 Credit Hours) (T/P TCH ED 517), Spring 2007

Drama and Story Telling (3 Credit Hours) (T/P TCH ED 526) Spring 2006

Leadership in Agriculture (3 Credit Hours) (Ag ED. 450) Fall 2006

Communication in Agriculture (3 Credit Hours) (Ag ED. 450) Fall 2006

## **Professional Development Classes in Non-Profit Administration**

### **Certificate in Non-Profit Administration Core Classes: Completed 2007**

Grant Writing

Non-Profit Special Event Planning

Non Profit Strategic Planning

Non-Profit Accountability and Impact

Volunteer Recruitment

Non-Profit Sustainability

### **University of Tennessee Service/Additional Responsibilities:**

Faculty Senate – 2017- Present

CASNR Undergraduate Faculty Mentoring Committee: 2016 - Present

UTK General Education Resign Forum: 2016

PLSC Curriculum Redesign Committee: 2015 - 2017

CASNR Undergraduate Council: 2009 – Present (Chair 2013-2017)

CASNR Recruitment Committee: 2015 – Present

CASNR Advising Committee: 2015 -Present

SACS Reaffirmation Undergraduate Representative: 2013- Present

UTK Landscape Master Plan Committee -2012 - 2014

CASNR Strategic Planning committee: - 2011 - 2015

Urban Forestry Committee: 2010 - Present

CASNR Scholarship Committee: 2008 – Present

CASNR minority recruitment committee – 2011 -2012 (no longer active)

University of Tennessee Dept. of PS Undergraduate Coordinator: 2009 - Present

University of Tennessee Dept. of PS Newsletter Committee: 2009 – 2014

### **Consultation on Behalf of University of Tennessee**

Tennessee Specific Industry Certification (TSIC) Advisory Work Group for Agriculture, Food and Natural Resources (AFNR) career cluster, 2017-2018

Consultant, GATOP garden, Knoxville, TN

Consultant to Ross Fowler PC, and Lakeshore Park board, redevelopment of Lakeshore Park, Knoxville, TN



Consultant to Carol R. Johnson Associates, Landscape Architects on the following projects:

- Knoxville, Cumberland Avenue university corridor redesign project
- University of Tennessee Knoxville, Campus Landscape Master Plan (site standards and vision)
- University of Tennessee Knoxville, Lake Loudoun Blvd planting design

**Additional Consultation Work**

Lakeshore Park, Knoxville TN, Lakeshore Park Committee: Landscape Design Consultant

**Previous Employment History:**

June 05 – Aug 08: **University of Tennessee:** Knoxville, TN

Title: Volunteer Coordinator –UT Gardens & Grad. Teaching Assistant

Classes Taught: PS 220 –Basic Landscape Plants

June 03 – June 05: **Omaha Henry Doorly Zoo:** Omaha, NE

Title: Recruitment and Training Coordinator

December 03 – June 05: **Metropolitan Community College:** Omaha, NE

Title: Continuing Education Instructor – Horticulture

March 02 –June 03: **Village Nursery:** Plattsmouth, NE

Title: Nursery Yard Manager

2000-2002: **The National Arbor Day Foundation:** Nebraska City, NE

Title: Education Assistant/Agroforestry Assistant

**Professional Organization Affiliations:**

Garden Writers of America

AABGA/APGA – American Public Garden Association

International Society of Arboriculture

American Conifer Society

American Society of Horticultural Science

American Horticultural Society

Perennial Plant Association

## **Invited Lectures, Instructional and Teaching Activities**

March 2018: Nashville Lawn and Garden Show, Conifers in Containers, Nashville, TN

October 2017: Plants Parks & People, Honors Lecture Series, Knoxville, TN

July 2017: Summer Celebration L & G Show, Gardening in Small Spaces, Jackson, TN

July 2017: Summer Celebration L & G Show, Conifers in the Garden, Jackson, TN

March 2017: Nashville Lawn and Garden Show, Conifers in the Garden, Nashville, TN

January 2017: UT Gardens, Conifers in the Garden, Knoxville, TN

January 2017: Western Nursery and Landscape Association, Kansas City, MO.

"Overachievers" a take at WESTERN university

January 2017: 21st Annual P.L.A.N.T. Seminar, Columbus, Ohio: "Inspirations & Perennials"

October 2016: ICUE (International Conference on Urban Education), San Juan, Puerto Rico, "The Use of Gardening in Urban Education"

July 2016: Summer Celebration, Jackson, TN "Prized Perennials"

April 2016: Loudon Tennessee High School "Plant Sciences"

March 2016: Anderson County High School "Plant Sciences"

March 2016: Nashville Lawn and Garden Show "Garden Favorites"

January 2016: Village Green Garden Club "Backgrounds and Borders"

September 2015: UTIA Turf and Ornamental Field Day "Hydrangea Bootcamp"

August 2015: Garden Tour of Southern England, England (U.K.), Various Topics

July 2015: Summer Celebration "Backgrounds and Borders"

May 2015: WBIR Morning Show, 1 segment

April 2015: WBIR Morning Show, 1 segment

March 2015: WBIR Morning Show, 1 segment

February 2015: Knoxville Rotary Club "Using Color in the Garden"

February 2015: WBIR Morning Show, 1 segment

January 2015: WBIR Morning Show, 1 segment

November 2014: WBIR Morning Show, 1 segment

October 2014: International Plant Propagators Southeastern Region "Fast Track, Reflections from a University Plant Propagation Class"

October 2014: ICUE (International Conference on Urban Education), Montego Bay, Jamaica, "Urban Gardening Programs"

October 2014: WBIR Morning Show, 1 segment

September 2014: WBIR Morning Show, 1 segment

August 2014: Sullivan County TN Master Gardener Group Talk and Tour

August 2014: WBIR Morning Show, 1 segment

July 2014: Summer Celebration, Jackson, TN (WTREC) "Perennials That Work"

July 2014: Summer Celebration, Jackson, TN (WTREC) "Time Tested Woody Shrubs"

July 2014: WBIR Morning Show, 1 segment

June 2014: WBIR Morning Show, 1 segment  
March 2014: Costa Rica Garden Tour, Costa Rica  
October 2013: American Conifer Society Southeastern Regional Meeting, "Designing With Conifers"  
May 2013: WBIR Morning Show, 1 segment  
April 2013: WBIR Morning Show, 1 segment  
March 2013: CASNR: Social and College Fair (Minority recruitment event {co-organizer})  
March 2013: Tennessee Master Gardeners State Conference, "Adding Color To Your Winter Landscape"  
March 2013: Sullivan County Master Gardeners, "Landscape Design Color Theory"  
January 2013: Blount County Master Gardeners, "Landscape Design Color Theory"  
January 2013: Callaway Gardens: Southern Garden Symposium, "Landscape Design Color Theory"  
2012: New Zealand Garden Tour, New Zealand "New Zealand Garden Tour"  
2012: Oak Ridge Arboretum Society Annual Banquet, Knoxville, TN "Backgrounds & Borders"  
2012: Turfgrass and Ornamental Field Day, Knoxville, TN "New Ornamentals"  
2012: Summer Celebration, Jackson, TN (WTREC) "Underused Shrubs"  
2012: Bloomsdays, Knoxville, TN (UT Gardens) "The Other Side of the Glass"  
July 2011: Summer Celebration, Jackson, TN (WTREC) "Great Grasses"  
June 2011: Tennessee Nursery and Landscape Association, Knoxville, TN "Conifers"  
May 2011: Bloomsdays, Knoxville, TN (UT Gardens) "Garden Basics"  
November 2010: Occilie Club, "Transforming your Winter Garden"  
October 2010: South African Garden Tour, South Africa, "South African Garden Tour"  
October 2010: Eastern Tennessee Garden Club, "Conifers of the UT Gardens"  
August 2010: American Council of Garden Clubs, Landscape Design School, "General Gardening Topics"  
July 2010: American Society of Horticultural Science, Palm Desert, CA "Public Garden Leaders"  
July 2010: Summer Celebration, UT Gardens, Jackson, TN "Exited Garden Plants"  
June 2010: Blooms Days, UT Gardens, Knoxville, TN "Using Color in the Garden"  
June 2010: American Public Garden Association, Atlanta, GA, "Public Garden Leaders"  
2010: American Council of Garden Clubs, Landscape Design School "General Gardening Topics"  
2010: Western Nursery and Landscape Association, Kansas City, MO, "The Winter Garden"

2010: Nebraska Nursery and Landscape Association, Council Bluffs, Iowa, "Conifers as Part of a Well Blended Mixed Garden" 2009: Summer Celebration, Jackson, TN (WTREC) "Annuals for the Summer Garden"

2009: Summer Celebration, Jackson, TN (WTREC) "Perennials for the Summer Garden"

2009: PLSC 210 Guest Lecturer invited by Dr. Dean Kopsell "Public Horticulture"

2009: Tennessee CO-OP annual meeting "UT Gardens Mission and Programs"

2009: UT Science Forum "UT Gardens and Public Horticulture Program"

2008: Summer Celebration, Jackson, TN (WTREC) "Annuals for the Summer Garden"

2008: Summer Celebration, Jackson, TN (WTREC) "Perennials for the Summer Garden"

2007: East TN Master Gardener Conference Day: *New Plant Ideas for 2007*

2007: Blount County Master Gardeners: *New Plant Ideas for 2007*

2007: Wrote and published "Clippings" the quarterly newsletter for volunteers of the UT Gardens

2007: Contributed to several issues of the Friends of the UT Gardens Newsletter

2007: Appeared over 40 times on the live call in gardening show - "Garden Girls" featuring Dr. Susan Hamilton and extension specialist Beth Babbit.

2007: Plant Sciences representative for 4-H Career fair

2007: The UT Institute of Agriculture: Ag Day representative for the Plant Sci. Dep.

2007: Year to date have appeared approximately 13 times on WBIR TV channel 10: Knoxville's "Style" show giving timely gardening advice

2007: West TN Field Day 'Summer Celebration' -Jackson, TN: *Best New Annuals*

2006: Homer Swingle Garden Club: *Winter Pruning*

2006: Regional Master Gardener Conference: *Horticultural Therapy*

2006: West TN Field Day 'Summer Celebration' -Jackson, TN: *Best New Annuals*

2006: Blooms Days -UT Gardens Summer Festival - *Captivating Conifers*

2006: UT Gardens Plant Sale: Featured Speaker - *Captivating Conifers*

2006: UT Gardens Twilight Tour: Speaker and Tour Guide -*The July Garden*

2006: United Methodist Garden Club: *The Role of the University of Tennessee Gardens*

2006: Published several articles containing cultural info. on new and exciting plant material that have appeared both online and in dozens of newspapers throughout Tennessee.

2006: Contributed to all nine issues of the Friends of the UT Gardens Newsletter

2006: Appeared over 40 times on the live call in gardening show - "Garden Girls" featuring Dr. Susan Hamilton and extension specialist Beth Babbit.

2006: Wrote and published "Clippings" the quarterly newsletter of UT Gardens vols.

2006: Appeared approximately 15 times on WBIR TV channel 10: Knoxville's "Style" show giving timely gardening advice

2006: Featured expert for the Knoxville News Sentinel: "Ask the Expert" column

2006: Helped facilitate the American Conifer Societies National meeting in Knoxville

2005-06: Trained and supervised approximately 15 new volunteers for the UT G.

2005-07: Provided continuing education and ongoing training for UT Gardens volunteer program (approximately 30 volunteers)

### **Peer Reviewed Articles:**

Jean-Philippe, S.R., Pulte, A.J., Richards, J., Cooper, T., Smith, M.O., Stephens, C. (2016). Diverse experience shift perspectives and perceptions of agriculture through the use of cultural competency (RAEE-2017-0082), article has been submitted by Dr. Sharon Jean-Philippe to The Journal of Agricultural Education and Extension.

### **Published Abstracts**

Pulte, A.J., The Use of Outdoor Teaching Resources, HortScience, Volume 52(9), September 2017

Bumgarner N, Hitch J, Upchurch W, Christopherson M, Hamilton S, and Pulte A, From demonstration garden to botanic garden: The novel and successful model of the UT Gardens Crossville: Plateau discovery garden. 6<sup>th</sup> International Conference on Landscape and Urban Horticulture, Abstracts: 51 (2016).

Pulte, A.J., Public Gardens Overcoming Disaster, HortScience, Volume 50(9), September 2015

Pulte, A.J., Hamilton, S., A Model for Establishing and Maintaining the Campus Landscape as a Significant and Dynamic Outdoor Classroom, Laboratory, and Therapy center. HortScience, Volume 46(9) September (2011).

### **Reviewed Articles:**

2014: HortTechnology, "Effect of planting conditions and nitrogen rate on growth of annual and perennial landscape plants in Florida" by K.A. Moore, A.L. Shober, G. Hasing, C. Wiese, and N. G. West

2013: HortTechnology, "A Survey of Successful Community Gardens in Small U.S. Cities" by Richard Harkess, Meghan Schultz, and Cory Gallo

### **Published Proceedings:**

Pulte, A. J., and A. Fulcher. 2015. Hydrangea boot camp. Turf and Ornamental Field Day Proceeding, page 26-28.

### **Articles Published in Popular Press:**

1. Pulte, A.J., "Ten Plants That Changed Tennessee" Cultivate, UT Gardens Magazine, Spring 2018
2. Pulte, A.J., "Ten Plants That Changed Tennessee" Tennessee Greentimes (TNLA), Spring 2018
3. Pulte, A.J., "Little Bluestem – UT Gardens Plant of the Month," UTIA press release, various newspapers, UT Gardens (various media), 2018
4. Pulte, A.J., "Garden Trends: Edible Landscapes," Cultivate, UT Gardens Magazine, Fall/Winter, 2017
5. Pulte, A.J., Klingeman, W., Jean-Philippe, S., "Re-Invigorating Tennessee's Champion Tree Program," Tennessee Greentimes (TNLA), Winter 2017
6. Pulte, A.J., "Green Industry Voices: Emerging Professionals," Tennessee Greentimes (TNLA) (cover story), Fall 2017
7. Pulte, A.J., "Industry Voices, Greentimes Trends Report II" Tennessee Greentimes (TNLA), Spring 2017
8. Pulte, A.J., "Garden Trends" Cultivate, UT Gardens Magazine, Spring 2017
9. Pulte, A.J., "Edgeworthia" UT Gardens December 2016, Plant of the Month, UTIA online and various newspapers state-wide
10. Pulte, A.J., "Industry Voices, Greentimes Trends Report" Tennessee Greentimes (TNLA), Winter 2016
11. Pulte, A.J., "American Beech" UT Gardens December 2015 Plant of the Month, UTIA online and various newspapers state-wide
12. Pulte, A.J., "A Teaching Garden in Bloom" The University of Tennessee Gardens Magazine, Winter 2014

13. Pulte, A.J., "Paperbark Maple" At Home Memphis and the Mid South, December, 2014
14. Pulte, A. J., "*Acer Griseum* - Paperbark Maple" UTIA Plant of the Month Website, December, 2014
15. Pulte, A.J., "Keep Gardening" At Home Memphis and the Mid South, November, 2014
16. Pulte, A.J., "Conifers" At Home Memphis and the Mid South, October, 2014
17. Pulte, A.J., "Mid South Garden Road Trip" At Home Memphis and the Mid South, September, 2014
18. Pulte, A.J., "Coneflower" At Home Memphis and the Mid South, August, 2014
19. Pulte, A.J., "Long Days" At Home Memphis and the Mid South, July, 2014
20. Pulte, A.J., "Site Know How" At Home Memphis and the Mid South, June, 2014
21. Pulte, A.J., "Creating A Wild Garden" At Home Memphis and the Mid South, May, 2014
22. Pulte, A.J., "New Beginnings" At Home Memphis and the Mid South, April, 2014
23. Pulte, A.J., "Glimmers of Hope" At Home Memphis and the Mid South, March, 2014
24. Pulte, A.J., "Seeds Away" At Home Memphis and the Mid South, February, 2014
25. Pulte, A. J., "Little Blue Dynamo" At Home Memphis and the Mid South, January, 2014
26. Pulte, A.J., "Dark Places" UT Gardens Magazine, Winter 2014
27. Pulte, A.J., "Holiday Magic" At Home Memphis and the Mid South, December, 2013
28. Pulte, A. J., "Little Blue Dynamo" UTIA Plant of the Month Website, December, 2013

29. Pulte, A.J., "Saving Spring" At Home Memphis and the Mid South, November, 2013
30. Pulte, A.J., "Pink Plants For Fall" Fine Gardening Magazine, October 2013
31. Pulte, A.J., "Gardening Trend Report" At Home Memphis and the Mid South, October 2013
32. Pulte, A.J., "Beautyberry: Wonderfully Beautiful, Fruitful Favorite!" At Home Memphis and the Mid South, September 2013
33. Pulte, A.J., "Forward Thinking" At Home Memphis and the Mid South, August 2013
34. Pulte, A.J., "Dark Places" At Home Memphis and the Mid South, July 2013
35. Pulte, A.J., "Sharing a Mid South Favorite: Bearded Iris" At Home Memphis and the Mid South, June 2013
36. Pulte, A.J., "Conifer for Tennessee" American Conifer Society Southeastern Region Newsletter, June 2013
37. Hamilton, Susan L., Pulte, A.J., "Alternative Spring Standouts" At Home Memphis and the Mid South, May 2013
38. Pulte, A.J., "Tennessee Front Yard Favorite: Flowering Dogwood" At Home Memphis and the Mid South, April 2013
39. Pulte, A.J., "M is For Maintenance" At Home Tennessee Magazine, March 2013
40. Pulte, A.J., "Foliage Power" At Home Tennessee Magazine, February 2013
41. Pulte, A.J., "House Plant Basics" At Home Tennessee Magazine, January 2013
42. Pulte, A.J., Hamilton, Susan L., Reeves, Jason, "Holiday Know-How" At Home Tennessee Magazine, December 2012
43. Guffey, Jaren, Pulte, A.J., "*Euonymus americanus*" At Home Tennessee Magazine and various Tennessee newspapers, December 2012
44. Pulte, A.J., "Forgotten Beauty" At Home Tennessee Magazine, November 2012
45. Pulte, A.J., Hamilton, Susan L., "Fall is For Planting" At Home Tennessee Magazine, October 2012
46. Pulte, A.J., "Popular Plants, and the History Behind Them" At Home Tennessee Magazine, September 2012



47. Pulte, A.J., "Overlooked Small Trees for the Tennessee Landscape" State-by-State Gardening Magazine, (Published in 8 separate magazines), September 2012
48. Pulte, A.J., "Like it/Love it, Interesting Alternatives You May Have Missed" Fine Gardening Magazine, August 2012
49. Pulte, A.J., Hamilton, Susan L., "The Heat is On" At Home Tennessee Magazine, August 2012
50. Pulte, A.J., "The Queen of Summer" At Home Tennessee Magazine, July 2012
51. Pulte, A.J., "Be Inspired" At Home Tennessee Magazine, June 2012
52. Pulte, A.J., "Travel, Public Garden Travel Inspirations" The University of Tennessee Gardens Magazine, Spring/Summer 2012
53. Pulte, A.J., "Gardening on the Wild Side" At Home Tennessee Magazine, May 2012
54. Pulte, A.J., UT Gardens Staff, "Best and Beautiful Annuals" At Home Tennessee Magazine, April 2012
55. Pulte, A.J., "Opening Acts" At Home Tennessee Magazine, March 2012
56. Pulte, A.J., "Conifers, The Plant Collectors Choice" At Home Tennessee Magazine, February 2012
57. Pulte, A.J., "Cold Weather Clean Up" At Home Tennessee Magazine, January 2012
58. Pulte, A.J., "Winter Ready" At Home Tennessee Magazine, December 2011
59. Pulte, A.J., "Fall is For Fruit" UT Gardens Magazine, Fall/Winter 2011-2012
60. Pulte, A.J., "November Gardening Tips and Tricks" At Home Tennessee Magazine, November 2011
61. Pulte, A.J., "Fall into October" At Home Tennessee Magazine, October 2011
62. Pulte, A.J., "Adding Fruitful Favorites To Your Garden" State-by-State Gardening Magazine, (Published in 8 separate magazines) October 2011
63. Pulte, A.J., "Fruitful Gardens" At Home Tennessee Magazine, September 2011

64. Pulte, A.J., Samples, T. "Stage A Grass Revolution" At Home Tennessee Magazine, August 2011
65. Pulte, A.J., "How To: Divide and Share Bearded Iris" State-by-State Gardening Magazine, (Published in 8 separate magazines) July/August 2011
66. Pulte, A.J., "Southern Standouts" Fine Gardening, August 2011
67. Pulte, A.J., "Retail Solutions, Helping Customers Diversify Their Landscape" Tennessee Greentimes (TNLA), Summer 2011
68. Pulte, A.J., "Bacon, Lettuce and ...The Perfect Tomato" At Home Tennessee Magazine, July 2011
69. Pulte, A.J., Hamilton, S., "Standing out, Without Sticking Out" Fine Gardening, June 2011
70. Pulte, A.J., "Bearded Iris: Tennessee's Flowering Jewel" At Home Tennessee Magazine, June 2011
71. Pulte, A.J., "Marvelous May" At Home Tennessee Magazine, May 2011
72. Pulte, A.J., "Time Honored Trees" At Home Tennessee Magazine, April 2011
73. Pulte, A.J., "Color Connections" State-by-State Gardening Magazine, (Published in 8 separate magazines) April 2011, p. 36
74. Pulte, A.J., "Spring Revamp" At Home Tennessee Magazine, March 2011
75. Pulte, A.J., Bock, G.L., "Poisoning Trees for Sport and Spite" Flourish Magazine, March 2011
76. Pulte, A.J., "December Gardening Countdown," At Home Tennessee Magazine, December 2010
77. Pulte, A.J., "A Cool Time To Shine!," State-by-State Gardening Magazine, (Published in 8 separate magazines) November/December, 2010, p. 11
78. Pulte, A.J., "Short Day Secrets" At Home Tennessee Magazine, November, 2010
79. Pulte, A.J., "A Diverse Career Path" Public Horticulture, UT Gardens Magazine, Fall/Winter 2010-2011

80. Pulte, A.J., "Saving For Spring" State-by-State Gardening Magazine, (Published in 8 separate magazines) October, 2010, p. 17
81. Pulte, A.J., "Discover Sustainability in Your Garden" State-by-State Gardening Magazine, (Published in 8 separate magazines) September, 2010, p. 12
82. Pulte, A.J., "Golden Larch" State-by-State Gardening Magazine, (Published in 8 separate magazines) September, 2010, p. 49
83. Pulte, A.J., "Tall Cigar Plant" State-by-State Gardening Magazine, (Published in 8 separate magazines) July/August 2010, p. 48
84. Pulte, A.J., "A Getaway Gardeners Will Love" At Home Tennessee Magazine, August 2010, p. 64
85. Pulte, A.J., "Sowing Sustainability" At Home Tennessee Magazine, July 2010, p. 68
86. Pulte, A.J., "Get It Right" How to do the most basic things in your landscape correctly, State-by-State Gardening Magazine, (Published in 8 separate magazines) May, 2010, p. 28
87. Pulte, A.J., Gualandi, R., "The Usual Suspects" Common diseases and insects of Southern Trees and shrubs, State-by-State Gardening Magazine, (Published in 8 separate magazines) April, 2010, p. 36
88. Pulte, A.J., "Horticulture Program Update" UT Gardens Magazine, Spring, 2010 p. 18
89. Pulte, A.J., "Sowing the Seeds of Spring" At Home Tennessee Magazine, March, 2010, p. 56
90. Pulte, A.J., "Blooming With Opportunities!" Plant Sciences Alumni Newsletter, Winter, 2010, p. 8
91. Pulte, A.J., "The Joy of Compost" distributed through UT Ext. and *Greentimes* (05/09)
92. Pulte, A.J., "The Cloning Game" *Propagation of softwood, semi-hardwood and hardwood stem cuttings*, State-by-State Gardening Magazine, (Published in 8 separate magazines) July/August, 2009
93. Pulte, A.J. and Samples, T. "Renovating Tall Fescue in the Fall" Tennessee Gardening Magazine, September, 2009

94. Pulte, A.J. "Hot Plant" –*Hesperaloe* State-by-State Gardening Magazine, (Published in 8 separate magazines) October, 2009
95. Pulte, A.J. "Diversifying Your Landscape" State-by-State Gardening Magazine, (Published in 8 separate magazines) November/December, 2009
96. Pulte, A.J., "UT Gardens Plant of the Month July 2009" for extension website (06/09)
97. Pulte, A.J., "UT Gardens Plant of the Month August 2009" for extension website (07/09)
98. Pulte, A.J., Antique Apples, *Nebraskaland Trail Tails Magazine*, pg. 12, (Fall 01)

### **Awards**

**Gamma Sigma Delta:** Teaching Award of Merit 2017

**Teaching Locally, Engaging Globally:** Creating a Community of Global Thinking Fellowship: 2017

**Perennial Plant Association: Institutional Landscape Design of Merit Award** for design of a teaching garden on The University of Tennessee campus (2017)

**Greenhouse Production News: 40 under 40 Award** – awarded to top 40 leaders and innovators in the green industry under the age of 40 (2017)

Awarded the 2007 "**Graduate Teaching Assistant of the Year**" UTK: CASNR

**American Conifer Society:** Annual Scholarship (2007): \$1000.00

**CASNR** -2007 Dean's International Travel Scholarship: \$500.00

**W. K. McClure Fund for the Study of World Affairs** –2007 International Travel Grant \$1700.00

**Suntay Ediz Scholarship** –2007 International Travel Grant \$225.00

**FIRST (Floriculture Industry Research and Scholarship Trust)** – Jerry Curtice scholarship 2006 for graduate student with an interest in woody ornamentals: \$1000.00

**APGA (American Public Garden Association)** –Student Travel Award 2006 to cover the registration fees and subsidize the travel costs of deserving undergraduate or graduate students: Free conference registration and \$250.00

**CASNR** -2006 Academic Scholarship: \$1000.00

**Bedding Plants Foundation, Inc.** -Scholarship recipient

**Wayne C. Whitney Memorial** -Scholarship recipient

### **Projects, Grants, Commissions, and Contracts:**

Below is a summary of grant funding:

Total awarded: \$171,724

Total planned submissions in process: unknown

Total submitted but not funded: \$10.8M

#### **Funded:**

1. Commission: Crescent Garden Containers: Water Use in Self-Watering Containers: \$1732
2. Grant: City of Bristol, Title: “State Street Management Plant,” Co-PI’s, Sharon Jean-Philippe, **Andrew Pulte** & William Klingeman, **Awarded** \$9,454
3. Grant: Tennessee Department of Agriculture, Division of Forestry, Title: Champion Tree Summer Internship, Co-PI’s, Sharon Jean-Philippe & **Andrew Pulte, Awarded** \$7,776
4. Grant: USDA-NIFA-HEC Grant, Proposal Title: The “Students Training in Agriculture and Related Sciences” (STARS) Initiative: A Culturally Competent Approach for Understanding Food Security and Hunger, and Food Safety in a Local and Global Context, Lead PI, Theresa Cooper, Co-PI’s, Sharon Jean-Philippe, Jennifer Richards, Carrie Stephens, **Andrew J. Pulte**, and Michael Smith. **Awarded** \$142,762.00
5. Grant: CASNR Collaborative and Innovative Teaching Award, Title: Recruitment of Underrepresented Students into the STEAM Pipeline, PIs, Drs. Sharon Jean-Philippe, Jennifer Richards, Demetrius Richmond, Kimberly Gwinn, Michael Smith, Joanne Logan, John SoroChan, **Mr. Andrew Pulte**, Ms. Nikki Crutchner (City of Knoxville) and Mr. Darrow Davenport (City of Knoxville). **Awarded** \$ 10,000.00.

### **Submitted but not selected for funding:**

1. Grant: USDA Higher Education Challenge (HEC) Grant  
Title: The “Students Training in Agriculture and Related Sciences” (STARS) 2.0 Initiative: Using Sustainability Science to Cope with a Changing Environment **PI** Sharon Jean-Philippe, Donald Hodges, Jennifer Richards, Rebecca Trout Fryxell, Đenita Hadžiabdić Guerry, **Andrew Pulte** and Craig Pickett. Submitted May 30, 2017. Amount: \$149,092. Duration 3 years.
2. Grant: USDA-NIFA-AFRI, Proposed Title: Integrated Management of Parasitic Nematodes in Soybean, PI Tarek Hewezi (UTK), Co-PI(s) Vince Pantalone, C. Neal Stewart Jr., Heather Kelly, David Butler, Kimberly Gwinn, Jennifer Richards, Chris Boyer, Aaron Smith, Susan Schexnayder, Daniel Sarver, **Andrew Pulte** (UTK), Grover Shannon, Andrew Scaboo (University of Missouri), Gregory Tylka, Silvia R. Cianzio (Iowa State), Zanglu Li (University of Georgia), Travis Faske (University of Arkansas), Prakash Arelli (USDA-ARS), Francismar Correa Marcelino-Guimaraes (Embrapa Soja, Brazil) Proposal Submitted: June 12, 2014, Not Selected for Funding: \$7,081,032.80
3. Grant: The “Students Training in Agriculture and Related Sciences” (STARS) 2.0 Initiative: Using Sustainability Science to Cope with a Changing Environment Source: USDA Higher Education Challenge (HEC) Grant, Participation: 25% (*PI*) Amount: \$147,997, Duration: 3 years, PI Sharon Jean-Philippe, Donald Hodges, Rebecca Trout Fryxell, **Andrew Pulte** and Craig Pickett, Not selected for funding: Submitted March 19, 2015
4. Grant: NSF Sustainable Research Network, Proposal Title: Resilience of Ecosystem Services in Urban Centers: Urban Sustainability, PI Jacqueline Atkinhead-Peterson (Texas A& M), Co-PI(s) Jean-Philippe, Young (Tennessee State), Calabria (University of Georgia), Wang (Louisiana State University). Network management team and members from UTK: Rebecca Trout-Fryxell, Jennifer DeBruyn, **Andrew Pulte**, Jennifer Richards, Sean Schaeffer, Meg Staton, Adam Willcox and Emma Willcox. Proposal submitted April 29, 2014. Pending \$ 2,505,867.00 (UTK) of \$11,997,722.00
5. Grant: Urban and Community Forestry Program, Tennessee Department of Agriculture Title: Tennessee’s Champion Tree Summer Internship, PI (s) Sharon Jean-Philippe and **Andrew Pulte**. Proposal submitted June 26, 2015. Pending \$ 38,954, Title: Tennessee’s Champion Tree Summer Internship, Source: Urban and Community Forestry Program, Tennessee Department of Agriculture, Participation: 25% (*PI*), Amount: \$38,954, Duration 1 year, PI Sharon Jean-Philippe and Andrew Pulte, Status: Not selected for funding, submitted June 26, 2015

6. Grant: NSF DRK-12, Proposal Title: Infusing Agriculture into STEM: Redefining the perception of Agricultural Science, PI Jennifer Richards, Co-PI's Sharon Jean-Philippe, Theresa Cooper, Amy Beavers, Jason Caudill, Michael Smith, Jennifer Franklin, Mark Fly, **Andrew Pulte**, John Mount, Adam Taylor, Kevin Hoyt, Lisa Muller, Mark Windham, and. First Proposal submitted Dec 2012 (not funded), Proposal will be resubmitted Dec., 2013. \$448,014.00.

*Proposal comments:*

**Proposal Number:** 1316807

**Panel Summary:** Panel Summary As noted by the PIs, the world faces the growing problem of feeding an expanding population. The topic is quite timely. Also efforts in the proposed game to help players realize careers in agriculture are not limited to white males is highly commendable. Since few students live in communities where food is grown locally, expanding our knowledge as to how we might increase interest in careers in agriculture is of high importance. If such a game improves understanding of the science of agriculture and increase interest in STEM careers in the field, the potential to transform STEM education is significant. An additional strength of the proposal is the integration of concepts in agriculture into middle school biology classes. Since most all students take life sciences during middle school the proposed game could be broadly disseminated in schools across the US. Further the senior personnel bring significant experience to the project, especially in the area of STEM education and teacher professional development. While the concept of Ag-Ville is a great one, the proposal would benefit from clearer articulation. For example, more detail about the proposed teacher professional development would be beneficial. Also it was unclear how the data being collected would help answer the research questions. Additional evidence of project support by teachers and school administrators would be helpful. Also, the \$300 annual stipend for teachers is likely not adequate for the scope of the work required, and may lead to difficulty implementing the project. The PIs could also consider how they might connect students to concepts in agriculture outside the virtual environment as a supplement to the game. For example, it would strengthen the proposal to link the virtual game to hands on projects involving community or school gardens.

**DATA MANAGEMENT PLAN** The Panel has reviewed the Data Management Plan and the Plan is adequate.

**PRIOR NSF SUPPORT** Prior NSF results were reported and clearly informed current proposed activities.

**POSTDOC PLAN** A postdoc plan was not required.

**Panel Recommendation:** Competitive

7. Grant: EPA, Environmental Education Grant, Proposal Title: "Green our greenways for sustainability", PI, Dr. Sharon Jean-Philippe, Co-PI's Dr. Meiko Thompson, **Andy Pulte**, Dr. Archana Sharma and Dr. Jennifer Franklin, Submitted May 2, 2011. (\$133,000.00)

8. Grant: NSF - Discovery Research K-12 Title: "STEAM or STEM? Redefining the perception of Agricultural Science", PIs, Sharon Jean-Philippe, Theresa Cooper, Ferlin McGaskey, and **Andrew Pulte**, Co-PI's, Michael Smith, Jennifer Franklin, Mark Windham, Jerome Grant, Andrea Ludwig, Adam Taylor, Kevin Hoyt, Lisa Muller, John



Mount Mark Fly, Robert Ridenour and A.J. Wright. Submitted January 10, 2012.  
(\$447,835.00)

9. Grant: Alliance of Women Philanthropists, Proposal Title: "CASNR Tree Care UT",  
PI, Dr. Sharon Jean-Philippe, Co-PI's **Andy Pulte**, Dr. Meiko Thompson and Joe Cagle.  
Submitted December 31, 2010 (\$5000).

10. Grant: Ag Research & Extension Innovation, Title: "Urbanization Effects on the  
Urban Forest", PI, Dr. Sharon Jean-Philippe, Co-PI's Andrew Pulte, Dr. Amy Johnson  
and Dr. Meiko Thompson, Submitted October 8, 2010 (\$90,884.00).

11. Grant: Hyland R. Johns Tree Fund, Proposal Title: "Can commercial mycorrhizal  
inoculants help our street trees?" PI, Dr. Sharon Jean-Philippe, Co-PI's **Andy Pulte**  
and Dr. Meiko Thompson. Submitted March 14, 2011 (\$5000.00).