

**Paul C. Siciliano, Jr.**  
Department of Horticulture and Landscape Architecture  
Purdue University

## **I. GENERAL INFORMATION**

### **1. Memberships in academic, professional, and scholarly societies**

#### ***a. Academic***

2012-present American Public Gardens Association (APGA)  
2011-present North American Colleges and Teachers of Agriculture (NACTA)  
2009-present American Society of Horticulture Science (ASHS)  
1999-present Council of Educators in Landscape Architecture (CELA)

#### ***b. Professional***

1999 -present Indiana Nursery and Landscape Association (INLA)

#### ***c. Scholarly***

2002 -present XI Chapter of the Honor Society of Sigma Lambda Alpha  
2001 -present Gamma Sigma Delta Honor Society of Agriculture

## **II. TEACHING EFFECTIVENESS**

Professor Siciliano facilitates student learning through teaching methods that integrate over twenty years of professional experience. Siciliano's broad experience is unique in that it encompasses all phases of the landscape design process—landscape architecture, landscape construction, landscape maintenance, and wholesale nursery operations. It is from this extensive experience that Siciliano is able to reach beyond the boundaries of individual contributors in the landscape design process to share his broad knowledge and experiences in preparing students in both landscape architecture and landscape horticulture for success in the workplace.

### **1. Courses**

**Professor Siciliano originated and developed one of the first Maymester Study Abroad programs endorsed by International Programs in Agriculture at Purdue. This course served as a model course for subsequent international programs.** Together with co-instructors, Professors Dana, Horticulture, and Larson, History, Professor Siciliano designed a syllabus, identified themes, created lecture material and student assignments, and selected specific locations for site visits for this model program. Professors Siciliano and Dana have organized all accommodations relating to this course (airfare, ground transportation while in residence, hotels, site visit reservations, and classroom facilities). The teaching faculty of the course continues to make revisions to the course for subsequent offerings in alternate years.

#### **International Study Program**

**Landscape Architecture 450 (Co-listed as Horticulture 450 and History 450), In the English Landscape: Integrating History, Horticulture, and Landscape Architecture**

Lecture (3) 2 hr., (63) hrs lab

#### **Landscape Architecture 166, History and Theory of Landscape Architecture**

Lecture (3) 50 min. per week, Credit 3

### **Horticulture 317, Landscape Contracting and Maintenance**

Lecture (2) 50 min. per week, (2) 2 hr. labs per week, Credit 3

### **Horticulture 315, Landscape Design and Construction I**

Lecture (2) 50 min. per week, (4) 2 hr labs per week, Credit 3

### **Horticulture & Landscape Architecture Department, HORT 217- Woody Landscape Plants Lab:**

(3) 2 hr labs per week, Credit 4

#### **Revised Curriculum:**

The *Purdue Arboretum Explorer* was completely integrated into the laboratory and recitation sections of this Purdue horticulture course for fall 2013. The learning lab, which has previously been led by several teaching assistants of varying knowledge and capability levels, was converted into an independent study lab, putting all students on a level “learning field”. Comprehensive woody plant information was assimilated into the database, and plants were arranged in tours in the same weekly themed groups as in previous years of the course. These interactive tours were usable on any mobile device and each plant that students were directed to was signed. The *Purdue Arboretum Explorer* allowed for all types of learning styles, from textual learners (written information) to visual learners (thousands of photographs) to aural learners (audio podcast descriptions).

### **Special Instruction and Mentor for Independent Research Studies:**

In addition to their required courses, Professor Siciliano advises undergraduate students on independent design and research projects.

- **2013 ASLA Student Honor Award: Analysis and Planning Category**  
Camille Mahan and Lana Merrill, *Designing for Resilience: Re-shaping Purdue University’s Campus for an Ecologically Sound Future.*  
*Faculty Advisor*
- **2013 INASLA Student Honor Award: Analysis and Planning Category**  
Camille Mahan and Lana Merrill, *Designing for Resilience: Re-shaping Purdue University’s Campus for an Ecologically Sound Future.*  
*Faculty Advisor*
- **Hort 491, Landscape Architecture Senior Capstone Project**, Spring 2013 (credits 3) Lana Merrill, *Exploring Sustainable Landscape Initiatives on the University Campus*
- **Hort 491, Landscape Architecture Senior Capstone Project**, Spring 2013 (credits 3) Camille Mahan, *Exploring Sustainable Landscape Initiatives on the University Campus*
- **Hort 491, Undergraduate Research Project**, Summer 2013 (credits 1) Bryce Patz, *Scan, Link, and Learn-Developing a Mobile Learning Platform for Purdue Campus Arboretum*
- **Hort 491, Undergraduate Research Project**, Summer 2013 (credits 1) Audra Franz, *Scan, Link, and Learn-Developing a Mobile Learning Platform for Purdue Campus Arboretum*
- **Hort 491, Deans Scholar Research Program**, Summer 2013 (credits 1) Michelle Dyer, *Scan, Link, and Learn-Developing a Mobile Learning Platform for Purdue Campus Arboretum*
- **College of Agriculture Undergraduate Research Poster Symposium, Re-Connecting with nature: Students Re-shape a Campus Landscape into an Ecologically Sound Campus of the Future.** Camille Mahan and Lana Merrill. *Faculty Advisor*
- **LA 426, Landscape Architecture Capstone**, S 2011 (credits 3) Nich Steinkraus, *The Genius of the Place: Sustainable Site Development*

- **Hort 491, College of Agriculture Honors Program, S 2010** (credits 3) Andrea Brennen, Dean's Scholar, *Historic Gardens of France*.

## 2. Teaching symposia, conferences, presentations

### a. Presentations

- 2013 European Council of Landscape Architecture Schools (ECLAS) Annual Meeting, Hamburg, Germany (*Presenter: Camille Mahan and Lana Merrill, Landscape Architecture Students*)
- 2013 Smart and Sustainable Campuses Conference, University of Maryland. (*Presenter: Camille Mahan and Lana Merrill, Landscape Architecture Students*)
- 2012 European Council of Landscape Architecture Schools (ECLAS) Annual Meeting, Warsaw University of Life Sciences, Warsaw, Poland (*Presenter: Andrea Brennan, Public Horticulture Student*)
- 2011 North American Colleges and Teachers of Agriculture (NACTA) Annual Meeting, University of Alberta, Canada, *Presenter*
- 2011 European Council of Landscape Architecture Schools (ECLAS) Annual Meeting, University of Sheffield, Sheffield, UK, *Presenter*

## 3. Awards and Honors (Teaching)

- 2013 **The Purdue University Book of Great Teachers**  
The Book of Great Teachers honors outstanding teaching faculty who have demonstrated sustained excellence in the classroom
- 2010 **The Purdue University Outstanding Undergraduate Teaching Award in memory of Charles B. Murphy**
- 2010 **The Richard L. Kohl's Outstanding Teaching Award in the College of Agriculture**
- 2010 **Named Fellow, Purdue University Teaching Academy, Purdue University**
- 2010 **North American Colleges and Teachers of Agriculture (NACTA) Teaching Award of Merit**
- 2009 **The Outstanding Teaching Award, Department of Horticulture and Landscape Architecture**
- 2009 **The Outstanding Teacher Award in Landscape Architecture**
- 2008 **The Outstanding Teacher Award, Department of Horticulture and Landscape Architecture**
- 2008 **The Outstanding Teacher Award in Landscape Architecture**
- 2002 **The Outstanding Teacher Award, Department of Horticulture and Landscape Architecture**
- 2002 **The Outstanding Teacher Award in Landscape Architecture**
- 2002 **Sigma Alpha Lambda National Honor Society of Landscape Architecture**, the international honor society of landscape architecture
- 2001 **Gamma Sigma Delta National Honor Society of Agriculture**, the national society of agriculture.

## III. Research/ Scholarly Activity in Progress

Professor Siciliano's research enhances his teaching program and benefits student learning both at Purdue University and beyond the boundaries of Purdue. Through his research efforts he has enhanced the overall landscape architecture and horticulture curriculum at Purdue University. Professor Siciliano's teaching and research focus involves the use of technology to support and extend student learning.

Research objectives:

1. Defining the role of technology in teaching and learning;
2. Maximizing the potential for location-based learning;
3. Exploring mobile learning as a strategy to support and extend learning in non-traditional learning environments;
4. Developing learning systems that foster a synergy between academic departments and other campus partners.

## 1. Current activities

### a. Scan, Link, and Learn: Location –based Mobile Learning Project

**Professor Siciliano**, in his role as **Director of Purdue Arboretum**, developed a long and short-term plan to centralize the Purdue Arboretum database and to make it ready for future educational and research applications. His current project focuses on mobile learning as a strategy to support and extend student learning in the arboretum. A continuing goal of the arboretum will be to improve the campus landscape's value as a resource for university engagement. A secondary mission of the arboretum will be to provide a pleasant horticultural setting for public enjoyment. In this way, interest in horticulture and landscape architecture is enhanced.

The Purdue campus landscape provides a learning framework for citizens to increase their knowledge on a wide variety of horticultural and landscape subjects, particularly environmentally friendly systems such as water conservation, storm water management, and low input and sustainable landscape environments. Purdue University strives to be a leader promoting environmental advocacy and personal, social, and economic responsibility through many green initiatives located on campus. These significant initiatives are geo-located and information associated with these projects can be accessed by the public via QR codes linked to the web-based learning platform.

Through the combined efforts of Director Paul Siciliano, Collections Manager Andrea Brennan, IT Specialist Kirby Kalbaugh, and sixteen student workers and volunteers, the Purdue Arboretum launched its new Scan, Link, and Learn educational initiative in the **fall semester of 2013**. This initiative involves a new website (<http://www.arboretum.purdue.edu>) (Figure 2) and an extensive, interactive mobile-learning platform, database, and the geo-location of all woody plants and landscape features, collectively called the *Purdue Arboretum Explorer* (<http://mlp.arboretum.purdue.edu>) (Figure 3). An important aspect of Scan, Link, and Learn and the *Purdue Arboretum Explorer* is the labeling of 284 key taxa (Phase I) that are highlighted in the three Purdue Tree Trails and the Woody Landscape Plants course (HORT 217). Users can **scan** QR codes on a plant or landscape feature label, **link** to that plant or feature's page on the website, and **learn** by using the wide expanse of information available on the website and database for all aspects of the arboretum.

## 2. Publications

### a. Books

**Siciliano, P.C., 2005.** Landscape Interpretations: History, Techniques, and Design Inspiration (Text). ISBN # 13:9781-4018-1156-X, Delmar Publishing, A Division of Thompson Learning, New York.

**Siciliano, P.C., 2005.** Landscape Interpretations: History, Techniques, and Design Inspiration (CD-Rom- Garden Tours Standalone). ISBN # 10:1401811558, Delmar Publishing, A Division of Thompson Learning, New York

***b. Book chapters authored***

**Siciliano, P.C., 2003.** Landscape Design. *In* The Indiana Nursery and Landscape Association Certified Horticulturist Training Manual, INLA. Chapter Twelve.

**Siciliano, P.C., 2001.** Dan Kiley, Landscape Architect. *In* The Encyclopedia of Garden and Landscape History, ISBN # 1-57958-173-0, Fitzroy-Dearborn Publishers/Chicago Botanic Garden. Vol. 2, pp 703-706

**Siciliano, P.C., 2001.** Informal Gardens. *In* The Encyclopedia of Garden and Landscape History, ISBN # 1-57958-173-0, Fitzroy-Dearborn Publishers/Chicago Botanic Garden. Vol. 2, pp 631-634

***c. Published audio podcasts***

**Siciliano, P.C., 2010.** Historic Gardens of England: Sissinghurst Castle Garden, Audio Podcast, Purdue Agriculture Communications, Indiana. Offered through Trek Exchange at [www.trekexchange.com](http://www.trekexchange.com) and Purdue Agriculture Extension Store

**Siciliano, P.C., 2010.** Historic Gardens of England; Hampton Court Palace Gardens, Audio Podcast, Purdue Agriculture Communications, Indiana. Offered through Trek Exchange at [www.trekexchange.com](http://www.trekexchange.com) and Purdue Agriculture Extension Store

**Siciliano, P.C., 2010.** Historic Gardens of England: Corsham Court Gardens, Audio Podcast, Purdue Agriculture Communications, Indiana. Offered through Trek Exchange at [www.trekexchange.com](http://www.trekexchange.com) and Purdue Agriculture Extension Store

***d. Refereed papers***

**Siciliano, P.C., Jenks, M.A., Dana, M.N., Talbert, B. A. 2011.** The Impact of Audio Technology on Undergraduate Instruction in a Study Abroad Course on English Gardens. **NACTA Journal, Vol. 55, No. 2. June 2011 pp. 46-53.**

***e. Accepted Abstracts (not yet published)***

David Barbarash, Andrea Brennan, Kirby Kalbaugh, and **Paul Siciliano. 2013.** *Impact of a Geo-located Arboretum Database on Student Learning Methods.* **DLA: Digital Landscape Conference 2014, Zurich, Switzerland.**

***f. Published abstracts and conference proceedings***

**Siciliano, P.C., Caldwell, P., Young, L. 2011.** Building Solutions in Africa: Students Engage in Cross-Cultural Learning Through Service. **Hort Science: vol. 46(9): S356 (Abstr.)**

**Siciliano, P.C., Jenks, M. A. 2011.** A Living Laboratory: The Purdue Arboretum-Enhancing the Educational, Research, and Outreach Mission of the University. **Hort Science: vol. 46(9): S370 (Abstr.)**

**Siciliano, P.C., Caldwell, P., Young, L. 2011.** Building Solutions in Africa: Students Engage in Cross-Cultural Learning Through Service. **ECLAS 2011 Annual Conference Proceedings: Abstracts**

**Siciliano, P.C., Jenks, M.A., Dana, M.N., Talbert, B. A. 2011.** The Impact of Audio Technology on Undergraduate Instruction in a Study Abroad Course on English Gardens. **NACTA Journal: vol. 55, Supplement 1.p. 44**

**Siciliano, P.C., Jenks, M. A. 2011.** A Living Laboratory: The Purdue Arboretum-Enhancing the Educational, Research, and Outreach Mission of the University. **NACTA Journal: vol. 55, Supplement 1.p. 7**

**Siciliano, P.C., Caldwell, P., Young, L. 2011.** Building Solutions in Africa: Students Engage in Cross-Cultural Learning Through Service. **2011 IFLA Annual Conference Proceedings: Abstracts**

**Siciliano, P.C., Jenks, M.A., Dana, M.N., Talbert, B.A. 2010.** The Impact of Audio Technology on Undergraduate Instruction in a Study Abroad Course on English Gardens. **Hort Science vol. 45(8): S247. (Abstr.)** American Society of Horticultural Science Annual Conference, Palm Desert, California, Poster Session, Poster #208.

Brennan, A., **Siciliano, P. C., 2010.** More than Just Green Architecture: An Investigation into the Flowering of the Gardens of Louis XIV, **Hort Science vol. 45(8): S174 (Abstr.)** American Society of Horticultural Science Annual Conference, Palm Desert, California. Poster Session, Poster #334.

Dana, M.N., **Siciliano, P.C., Larson, J.L., 2005.** In the English Landscape. **Hort Science: vol.40 (4):1044-1045,** American Society of Horticultural Science Annual Conference, Las Vegas, Nevada. Poster Session, Poster #147.

***g. Oral and poster presentations at international, national, and local conferences***

Camille Mahan, Lana Merrill, Michael Gulich, and **Paul Siciliano, 2013.** *Sustainable Strategies for Storm Water Management at Purdue University*, **Smart and Sustainable Campuses Conference, University of Maryland, 2013. Abstract and Poster Presentation. Faculty Advisor.**

Camille Mahan, Lana Merrill, **Paul Siciliano, 2013.** *Designing for Resilience: Re-shaping Purdue University's Campus for an Ecologically Sound Future.* **European Council of Landscape Architecture Schools Annual Conference 2013, Hamburg, Germany. Abstract and Presentation. Faculty Advisor.**

**Siciliano, P.C., Jenks, M. A. 2012.** A Living Laboratory: The Purdue Arboretum-Enhancing the Educational, Research, and Outreach Mission of the University. **American Public Gardens Association (APGA) Annual Conference, Cincinnati, Ohio. Poster**

**Siciliano, P.C. and Brennan, A., 2012.** Louis XIV's Floral Paradise: Power, Seduction, and Prophecy Revealed. **2012 ECLAS Conference, The Power of Landscape, Warsaw University of Life Sciences, Warsaw. Poland. Oral**

**Siciliano, P.C., Caldwell, P., Young, L. 2012.** Building Solutions in Africa: Students Engage in Cross-Cultural Learning Through Service. **2012 NACTA Conference, University of Wisconsin-River Falls Oral**

**Siciliano, P.C.** Scan, Listen, and Learn: QR Codes and Readers can be useful tools for learning in Arboreta and Botanic Gardens, **2012. ASHS Annual Conference, Miami, Florida. Public Garden Working Group. Poster**

**Siciliano, P.C., Jenks, M.A., Dana, M.N., Talbert, B. A. 2011.** The Impact of Audio Technology on Undergraduate Instruction in a Study Abroad Course on English Gardens. **North American Colleges and Teachers of Agriculture Annual Conference (NACTA), University of Alberta, Edmonton, Canada. Oral**

**Siciliano, P.C., Jenks, M. A. 2011.** A Living Laboratory: The Purdue Arboretum-Enhancing the Educational, Research, and Outreach Mission of the University. **North American Colleges and Teachers of Agriculture Annual Conference (NACTA), University of Alberta, Edmonton, Canada. Poster**

**Siciliano, P.C., Caldwell, P., Young, L. 2011.** Building Solutions in Africa: Students Engage in Cross-Cultural Learning Through Service. **American Society of Horticultural Science Annual Conference (ASHS), Waikoloa, Hawaii. Poster**

**Siciliano, P.C., Jenks, M. A. 2011.** A Living Laboratory: The Purdue Arboretum-Enhancing the Educational, Research, and Outreach Mission of the University. **American Society of Horticultural Science Annual Conference (ASHS), Waikoloa, Hawaii, Public Garden Working Group. Poster**

**Siciliano, P.C., Caldwell, P., Young, L. 2011.** Building Solutions in Africa: Students Engage in Cross-Cultural Learning Through Service. **European Council of Landscape Architecture Schools (ECLAS) Annual Conference, University of Sheffield, Sheffield, UK. Oral**

**Siciliano, P.C., Caldwell, P., Young, L. 2011.** Building Solutions in Africa: Students Engage in Cross-Cultural Learning Through Service. **International Federation of Landscape Architects (IFLA), Annual Conference, Jomo Kenyatta University of Agriculture and Technology, Kenya, Africa (oral presentation by Peter Caldwell, Graduate Student)**

**Siciliano, P.C., Jenks, M.A., Dana, M.N., Talbert, B.A. 2010.** The Impact of Audio Technology on Undergraduate Instruction in a Study Abroad Course on English Gardens. **American Society of Horticultural Science Annual Conference, Palm Desert, California. Poster**

Brennan, A., **Siciliano, P.C., 2010.** More than Just Green Architecture: An Investigation into the Flowering of the Gardens of Louis XIV, **American Society of Horticultural Science Annual Conference, Palm Desert, California. Undergraduate Student Poster Competition: Awarded Third Place**

Dana, M.N., **Siciliano, P.C., Larson, J.L., 2005.** In the English Landscape. **American Society of Horticultural Science Annual Conference, Las Vegas, Nevada. Poster**

#### ***h. Published articles***

**Siciliano, P.C., 2011.** Designing a Garden as a Work of Art, *Indiana Nursery and Landscape News*, vol. 71: Issue 6, pp. 24-26; **cover**.

**Siciliano, P.C., 2008.** Stories Told Through the Garden. *American Nurseryman*, pp. 14-18; **cover**, vol. 208

**Siciliano, P.C., 2007.** The Art of Planting Design. *American Nurseryman*, pp.16-23; **cover**, vol. 206.

**Siciliano, P.C., 2002.** Italian Pleasures: Villas and Gardens of Renaissance Italy, *Chicago Home and Garden*, pp.70-80, vol. 8, no.2

**Siciliano, P.C., 2002.** Fit for a King, Chicago Home and Garden, pp. 74-78, vol. 8, no.3

**Siciliano, P.C., 2000.** Creating Successful Landscapes, Indiana Nursery and Landscape News, pp. 27-29, vol. 60

**Siciliano, P.C., 2000.** Knowing No Boundaries, American Nurseryman, pp.71-76, vol.171

**Siciliano, P.C., 2001.** Get with the Program, American Nurseryman, pp.46-50, vol. 193

***i. Invited lecturer/seminar speaker:***

**Siciliano, P.C., 2012.** Designing Gardens as a Work of Art. **Indiana Nursery and Landscape Association** Winter Conference, Indianapolis Convention Center, **Indianapolis, IN, Invited speaker.**

**Siciliano, P.C., 2012.** A Living Laboratory: The Purdue Arboretum, **Indiana Nursery and Landscape Association** Winter Conference, Indianapolis Convention Center, **Indianapolis, IN, Invited speaker.**

**Siciliano, P.C., 2009.** The Impact of Audio Technology on Undergraduate Instruction in a Study Abroad Course on English Gardens. **University of Sheffield, Sheffield, United Kingdom, Department of Landscape**

**Siciliano, P.C., 2009.** The Impact of Audio Technology on Undergraduate Instruction in a Study Abroad Course on English Gardens. Leeds Metropolitan University, **Leeds, United Kingdom, School of Architecture, Landscape and Design**

**Siciliano, P. C. 2009.** The Impact of Audio Technology on Undergraduate Instruction in a Study Abroad Course on English Gardens. **Manchester Metropolitan University, Manchester, United Kingdom, School of Art, Landscape Architecture Program**

**Siciliano, P.C., 2003.** Landscape Interpretations. Landscape Design Symposium, Creativity and Craftsmanship from the Designer's Perspective, **Michigan Nursery and Landscape Association and Michigan State University, East Lansing, Michigan. Invited speaker.**