

**Valley & Ridge Workshop | Dickinson College**  
**May 22-24, 2017**

**Where Do I Go for the Workshop?**

*Faculty from other Institutions:*

Report to Dickinson College, Kaufman Hall 179 at 1:30 pm on May 22  
Driving Directions: 400 W. North Street, Carlisle, PA 17013  
Street parking available around Kaufman Hall on Louthier & Cherry Streets  
Lot parking available behind the building near Department of Public Safety

*Dickinson Faculty:*

Report directly to Andalusia: 26 N Hanover St, Carlisle, PA 17013 at 5:00 pm

**Preparation Before the Workshop:**

*There are two assignments for participants to complete prior to the workshop.*

**1. How does sustainability connect to my course?**

Reflect and prepare to share your project idea for course modification or development. Come prepared to answer the question of how sustainability is relevant to your course or discipline, and how the pedagogy of place-based learning can be incorporated into your course.

**2. Workshop Readings**

Read the following articles. PDFs for the articles were sent to you via email.

Agyeman, Julian, Bullard D., Robert and Bob Evans (2003). *Joined-Up Thinking: Bringing Together Sustainability, Environmental Justice and Equity*. Just Sustainabilities: Development in an Unequal World. p. 1-16.

Shrivastava, Paul and James J. Kennelly (2013). Sustainability and Place-Based Enterprise. *Organization and Environment*, 26(1), 83-101. \*\*\* Focus on Place-pages 86-89.

Weissman, Neil B. (2012). Sustainability & Liberal Education: Partners by Nature. *Liberal Education*. 98(4).

Wiek, Arnim, Lauren Withycombe, and Charles L. Redman (2011). Key competencies in sustainability: a reference framework for academic program development. *Sustainability Science*, 6, 203-218.

**Monday, May 22**

## **Welcome: What is Sustainability Across the Curriculum?**

**1:30-3:30 pm**

### **Introduction to Dickinson & Sustainability Across the Curriculum**

Kaufman Hall 179

#### ***FOR NON-DICKINSON FACULTY ONLY***

Neil Leary, Director of the Center for Sustainability Education  
Lindsey Lyons, Assistant Director of the Center for Sustainability Education.

- Welcome and Introductions (20)
- Introduction to Sustainability Across the Curriculum Movement (20)
- Dickinson's Center for Sustainability Education (20)
- Institutional progress and plans from participants (60)

**5:00-7:30 pm**

### **Group Dinner, Discussion and Drinks *(ALL PARTICIPANTS)***

Andalusia: 26 N Hanover St, Carlisle, PA 17013

- Welcome and Introductions
- Intro Activity: Defining Sustainability: What Does It Mean to You?
  - Graphics representing ideals of sustainability will be on display around the room. Participants will select the image that most connects to their definition and discuss.
- The Curriculum Projects
  - Participants will conduct small group discussions to share how sustainability is relevant to your course or discipline.
- Workshop Goals and Objectives
  - Neil Leary, Director of the Center for Sustainability Education

**Tuesday, May 23**

## **Exploring the Valley & Ridge**

**8:00-8:30 am**

### **Breakfast**

Center for Sustainability Education, Kaufman 190

**8:30-9:00 am**

### **Travel to Reineman Wildlife Sanctuary**

Transportation Provided, Leaving from CSE

**9:00- 9:15 am**

### **Sustainability Across the Curriculum Introduction**

Neil Leary, Director of the Center for Sustainability Education

Information will be shared about the ways in which Dickinson has integrated sustainability across the liberal arts curriculum.

**9:15-9:45 am**

### **The Valley & Ridge: Introduction to Our Biogeographic Region**

Jeff Niemitz, Professor of Earth Sciences (Retired)

Using the Valley & Ridge biogeographic region as a case study, we will explore how local geology and ecology define a place and shape the ways in which people interact with the landscape today.

- 9:45-10:15 am**                      **Nature Walk: Why is Outdoor Education Essential?**  
Gene Wingert, Professor of Biology/Environmental Studies
- We will take a nature walk with Gene Wingert on the grounds of the Florence Jones Reineman Wildlife Sanctuary, learn about the natural history of the sanctuary and have informal conversations about bringing our students outdoors.
- 10:15-10:45 am**                      **Place-Based Education and Sustainability Learning**  
Lindsey Lyons, Assistant Director Center for Sustainability Education
- Participants will connect the model of the Valley & Ridge Workshop to the pedagogy of place-based education. We will explore definitions, Dickinson case studies and best practices for use in course development.
- 10:45-11:15 am**                      **Small Group Session I: Connecting Your Teaching to Place**  
What connections are there, or could there be, between your course and your biogeographic region or place? Refer to Shrivastava and Kennelly.
- 11:15-11:30 am**                      **Travel to Waggoner's Gap**  
Transportation Provided
- 11:30-12:00 pm**                      **Waggoner's Gap: From the Ridge to the Valley**
- Participants will stop at Waggoner's Gap to enjoy the vista of the Valley & Ridge landscape, reflect and brainstorm.
- 12:00-12:30 pm**                      **Travel to College Farm**  
Transportation Provided
- 12:30-1:45 pm**                      **Picnic Lunch & Discussion**  
**Dickinson College Organic Farm: A Living Laboratory**  
A Snapshot of Living Laboratory Opportunities Across the Curriculum
- Jason Smith, Visiting Assistant Professor of Biology  
Karen Weinstein, Professor of Anthropology  
Lindsey Lyons, Center for Sustainability Education
- Participants will learn about recent initiatives and programs, and discuss successes in curriculum development, professional development and student faculty research projects that utilize the College Farm. Faculty will share their experiences creating living laboratory opportunities using the Dickinson Farm, and help participants brainstorm ideas for their course development.

<b>1:45-2:30 pm</b>	<p><b>Dickinson College Farm Tour and Overview</b> Jenn Halpin, College Farm Manager</p> <p>The tour will include overview of Campus supported agriculture program, student worker and apprentice program, connections to college curriculum, renewable energy programs, livestock management, community education programs, and the history of program development at the farm.</p>
<b>2:30-2:45 pm</b>	<p><b>Share the Farm and Food Progress at Your Institution</b></p> <p>Participants will share status or progress of institution's farm or garden or curriculum surrounding food or agriculture.</p>
<b>2:45-3:15 pm</b>	<p><b>Small Group Session II: Connecting Your Teaching to Food</b> What connections are there, or could there be, between your course and food or farms or gardens?</p>
<b>3:15-3:30 pm</b>	<p><b>Break</b></p>
<b>3:30-3:40 pm</b>	<p><b>Sustainability Learning Outcomes</b> Neil Leary, Director, Center for Sustainability Education</p> <p>What should our students learn and be able to do with respect to sustainability? We will talk about this at the level of the liberal arts curriculum and at the course level.</p>
<b>3:40-4:20 pm</b>	<p><b>Small Group Session III: Developing Learning Outcomes for Your Program and Course</b></p> <p>Working in small groups, participants will brainstorm and discuss program and course level sustainability learning outcomes and means for assessing their attainment. Refer to Wiek et. al. paper.</p>
<b>4:20-4:40 pm</b>	<p><b>Wrap up &amp; Announcements</b></p>
<b>4:40-5:00 pm</b>	<p><b>Travel to Dickinson College</b> Transportation Provided</p>
<b>5:00 pm</b>	<p><b>Workshop Day 1 Ends</b></p>

## **Wednesday, May 24    What's Your Place?**

**8:00-8:30 am**

### **Breakfast**

Center for Sustainability Education, Kaufman 190

**8:30-9:30 am**

### **Campus Sustainability Tour**

Lindsey Lyons, Assistant Director, Center for Sustainability Education

Go behind the scenes into campus LEED buildings, The Handlebar-Dickinson's Bicycle Cooperative, pollinator garden, The Treehouse-Center for Sustainable Living, and The Hive- Dickinson's Bee Cooperative.

**9:30-9:45 am**

### **Living Laboratories: An Overview**

Neil Leary, Director, Center for Sustainability Education  
Kaufman 179

Many colleges and universities use their campuses and other places as living laboratories for sustainability learning. What does this mean? What are some examples? Are there best practices for living labs?

**9:45-10:15 am**

### **Small Group Session IV: Scenarios for Living Labs**

Kaufman 179

Participants will be provided with scenarios for potential living lab activities and challenged to come up with innovative ways to incorporate the scenario into their teaching.

**10:15-11:00 am**

### **Local Sustainability Action: Working in the Community**

Kaufman 179

Panel Facilitated by Neil Leary, Center for Sustainability Education

David Commins, Professor of History  
Becca Raley, Executive Director, Partnership for Better Health  
Lindsay Houpt-Varner, Project Director, Greater Carlisle Heart & Soul

Panelists from the greater Carlisle community and Dickinson Faculty will share their experiences with teaching that engages with the community in meaningful ways that support sustainability goals.

**11:00-11:20 am**

### **Social Sustainability: A Case Study**

Kaufman 179

Heather Bedi, Assistant Professor of Environmental Studies

Professor Bedi will share a story that illuminates the ways in which social justice concerns come into play in working to create sustainable communities.

- 11:20-11:50 am**                    **Small Group Session V: Connecting your Teaching with Social Sustainability**  
Kaufman 179  
What connections are there, or could there be, between you course and social sustainability? Refer to Agyeman et. al. paper.
- 11:50-1:15 pm**                    **Valley & Ridge Alumni Networking Lunch**  
Kaufman Lounge and 179, Dickinson College  
  
Emily Pawley, Assistant Professor of History  
Tony Underwood, Assistant Professor of Economics  
Ed Webb, Associate Professor of Political Science & International Studies  
  
Participants will hear from invited Valley & Ridge alumni about their experiences integrating sustainability and/or place-based education into their teaching across the curriculum. A facilitated discussion will follow with ample time for questions and answers and networking.
- 1:15-3:15 pm**                    **Independent Work on Curricular Projects**  
Kaufman Hall Various Locations  
Kaufman 179, 187, 198, 197, Library, Lounge  
  
Workshop participants will work on plans for their new or modified sustainability course and will create a poster that displays how sustainability will be integrated into their course.
- 3:15-4:30 pm**                    **Curricular Projects Poster Session**  
Kaufman 179 and 187  
  
Participants will share their posters and ideas in small groups and obtain feedback from other participants.
- 4:30-5:00 pm**                    **Wrap-Up & Evaluation**
- 5:00 pm**                            **Valley & Ridge 2017 Workshop Closes**