

Valley & Ridge Workshop | Dickinson College
May 22-24, 2018

Where Do I Go for the Workshop?

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

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 chapters: 1-4 and 7 from

Nolet, Victor (2016). *Educating for Sustainability: Principles and Practices for Teachers*. Routledge Press. 128 pages.

Tuesday, May 22

Welcome: What is Sustainability Across the Curriculum?

1:30-3:15 pm

Introduction to Dickinson & Sustainability Across the Curriculum

Kaufman Hall 179

Neil Leary, Director of the Center for Sustainability Education

Lindsey Lyons, Asst. Director of the Center for Sustainability Education.

- Welcome and Introductions (15)
- Workshop Goals and Schedule (15)
- Dickinson's Center for Sustainability Education (15)
- Education for Sustainability (60)

3:15-3:30

Break and Networking

3:30-4:45 pm

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.

5:00-7:30 pm

Group Dinner, Discussion and Drinks

Stern Great Room, Dickinson College

- Defining Sustainability Activity: Mapping to the big picture and UN Sustainable Development Goals.
- The Curriculum Projects
 - Participants will conduct small group discussions to share how sustainability is relevant to your course or discipline.

Wednesday, May 23

Exploring Places: The Valley & Ridge

8:00-8:30 am

Breakfast

Center for Sustainability Education (CSE), Kaufman 190

8:30-9:00 am

Travel to Reineman Wildlife Sanctuary

Transportation Provided, Leaving from CSE

9:00-9:25 am

Sustainability Learning through Powerful Pedagogies

Lindsey Lyons, Assistant Director Center for Sustainability Education

Participants will connect the model of the Valley & Ridge Workshop to the pedagogy of place-based, service and experiential learning.

9:25-10:00 am

The Valley & Ridge: Introduction to Our Biogeographic Region

Jeff Niemitz, Retired Professor of Earth Sciences

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 environment.

10:00-10:40 am

Nature Walk: Why is Outdoor Education Essential?

Gene Wingert, Professor of Biology/Environmental Studies

We will explore 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.

10:40-11:15 am

Small Group Session I: Powerful Pedagogies (Nolet Chapter 7)

What powerful pedagogies might you use in your sustainability course, and for what purpose? How?

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 (Beholding Eye) Participants will stop at Waggoner's Gap to observe the Valley & Ridge landscape, reflect and discuss sustainability worldviews.
12:00-12:30 pm	Travel to College Farm Transportation Provided
12:30-1:45 pm	<p data-bbox="483 556 1438 669">Picnic Lunch & Discussion Dickinson College Organic Farm: A Living Laboratory A Snapshot of Living Laboratory Opportunities Across the Curriculum</p> <p data-bbox="483 705 1471 892">Helen Takacs, Associate Professor and Department Chair, International Business & Management and Social Innovation & Entrepreneurship Certificate Coordinator Luca Trazzi, Lecturer in Italian Marcus Key, Professor of Earth Sciences and Department Chair</p>
	Participants will learn about recent initiatives and programs, and discuss successes in curriculum development, professional development and student faculty research projects that utilize Dickinson as a living laboratory.
	Panelists will share their experiences creating living laboratory opportunities, and help participants brainstorm ideas for their course development given the resources available to them.
1:45-2:30 pm	Dickinson College Farm Tour and Overview The tour will include overview of Dickinson's 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.
2:30-3:15 pm	<p data-bbox="483 1560 1062 1604">Developing a Sustainability Worldview</p> <p data-bbox="483 1640 1482 1753">Participants will share current and future course development ideas that incorporate and build upon the sustainability worldview philosophies and data presented in readings.</p> <p data-bbox="483 1789 1471 1894">Small Group Session II: Connecting Your Teaching to Sustainability What connections are there, or could there be, between your course and the concept of developing a sustainability worldview?</p>

3:15-3:30 pm	Break
3:30-4:20 pm	<p>Sustainability Learning Outcomes 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> <p>Small Group Session III: Developing Learning Outcomes for Your Program and/or Course</p> <p>Working in small groups, participants will brainstorm and discuss program and course level sustainability learning outcomes and means for assessing their attainment.</p>
4:20-4:40 pm	Wrap up & Announcements
4:40-5:00 pm	<p>Travel to Dickinson College Transportation Provided</p>
5:00 pm	Workshop Day 1 Ends
Thursday, May 24	<p>Sustainability Collaboratives: Resources & Opportunities to support Education for Sustainability</p>
8:00-8:30 am	<p>Breakfast Center for Sustainability Education, Kaufman 190</p>
8:30-9:00 am	<p>Living Laboratories: An Overview Neil Leary, Director, Center for Sustainability Education Kaufman 179</p> <p>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?</p>
9:00-9:45 am	<p>Small Group Session IV: Scenarios for Living Labs Kaufman 178 and 179</p> <p>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.</p>
9:45-10:00 am	Networking Break

- 10:00-11:00 am** **Local Sustainability Action: Engaging the Community**
Kaufman 179
Panel Facilitated by Neil Leary, Center for Sustainability Education
- Becca Raley**, Executive Director, Partnership for Better Health
Jorden Hayes, Assistant Professor of Earth Sciences
Sharon Kingston, Associate Professor of Psychology
- 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.
- 11:00-11:50 am** **Social Sustainability & Community Engagement: A Case Study**
Kaufman 179
- A local project will be highlighted that illuminates the ways in which social justice is incorporated into creating sustainable communities.
- Small Group Session V: Connecting your Teaching with Social Sustainability**
Kaufman 178 and 179
What connections are there, or could there be, between you course and social sustainability?
- 11:50-1:15 pm** **Lunch & Discussion**
Kaufman Greenhouse Atrium and 179, Dickinson College
- Participants will share their experiences, hopes and questions about integrating sustainability and/or high impact pedagogies into their teaching across the curriculum. Facilitators will then lay out project plans.
- 1:15-3:15 pm** **Independent Work on Curricular Projects**
Kaufman Hall Various Locations
Kaufman 178, 179, 197, 198, CSE 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 178 and 179
- 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 2018 Workshop Closes**