



I'd been teaching before, but
incoming faculty orientation
helped me calibrate to
Carnegie Mellon students

TENURED FACULTY MEMBER
HUMANITIES & SOCIAL SCIENCES

The Art & Science of Teaching

Putting Students At The Center Of Our Teaching

Monday, August 17, 2009

Learning
Objectives

11:30am - Noon **Registration**

Noon - 1:00pm

Welcome & Introductions (Lunch provided)

Susan Ambrose, Associate Provost for Education, Carnegie Mellon
Director, Eberly Center for Teaching Excellence
Teaching Professor, Department of History

1:00 - 1:15pm **Break**

1:15 - 3:15pm

Teaching and Learning from a Student-Centered Perspective

Marsha Lovett, Associate Director of Faculty Development
Eberly Center for Teaching Excellence

This session provides a framework from cognitive and educational research that can help your course design and classroom pedagogy maximize student learning. We will discuss how research on student learning can inform your teaching practice and how the three key elements of course design – learning objectives, assessment, and instructional strategies – work together.

3:15 - 3:30pm **Break**

3:30 - 4:30pm

Award-Winning Faculty

Aimee Kane, Teaching Consultant and Research Associate
Eberly Center for Teaching Excellence

Hear about the experience of teaching at Carnegie Mellon from several award-winning faculty. The panelists will discuss their development as teachers, strategies they have found successful over the years, and even some strategies they found that did not work. Question and answer period included.

EBERLY CENTER FOR TEACHING EXCELLENCE

www.cmu.edu/teaching/

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Pittsburgh, Pa 15213
412.268.2896

Making the Connection between Teaching and Assessment

Tuesday, August 18, 2009

Assessment

11:30 - 1:00pm

Lunch with and Keynote Address by Vice President For Campus Affairs Michael Murphy

1:00 - 1:15pm **Break**

1:15 - 3:15pm

Knowing What Students Know: Strategies for Monitoring and Supporting Student Learning

Michele DiPietro, Associate Director of Graduate Student Development
Eberly Center for Teaching Excellence

"Why didn't my paper get an A?", "I can't believe my students did so poorly on my first exam", "Your exam had questions that we didn't cover in class". These are common questions and complaints that instructors and students experience. They also reflect underlying issues that can lead to frustration and compromise the quality of the teaching and learning experience. In this session, we will discuss why such problems occur and examine various strategies for reducing the problems and supporting student learning. Specifically, this session will examine the use of diagnostic and ongoing assessment techniques that inform students of their progress and help them and you to monitor and guide further practice and performance.

3:15 - 3:30pm **Break**

3:30 - 4:30pm

Junior Faculty Panel

Susan Ambrose, Associate Provost for Education, Carnegie Mellon
Director, Eberly Center for Teaching Excellence

Evidence from a recent study of faculty experiences at Carnegie Mellon confirms the national reports that incoming and junior faculty often find the initial years in academe to be a time of great stress as well as satisfaction. Panelists will address some of the potential stressors and share strategies they have found useful in balancing numerous professional responsibilities and having a satisfying life beyond work.

Analyzing and Adapting Effective Instructional Strategies

Wednesday, August 19, 2009

Instructional Strategies

11:30 - 1:00pm

Lunch with and Keynote Address by Provost Mark Kamlet

1:00 - 1:15pm **Break**

1:15 - 2:30pm

Effective Lectures, Discussions, Studios & Labs (Part I)

Marie Norman, Teaching Consultant and Research Associate
Eberly Center for Teaching Excellence

The semester begins soon, and you may be asking yourself: How should I approach my first day of class? You may also be wondering: How can I grab and maintain students' attention? How can I elicit meaningful student participation? What's an effective way to teach procedural skills? In this interactive session we will analyze videotapes of successful Carnegie Mellon faculty and generate strategies that create a productive learning environment from the first day of class onward.

2:30 - 2:45pm **Break**

2:45 - 4:00pm

Effective Lectures, Discussions, Studios & Labs (Part II)

Marie Norman, Teaching Consultant and Research Associate
Eberly Center for Teaching Excellence

This session builds on Part I. The two are designed to be attended as a pair.

Carnegie Mellon

INCOMING FACULTY ORIENTATION

Singleton Room, Roberts Hall