

**CINDY LIMAURO**  
**PROFESSOR OF LIGHTING DESIGN**

**C & C Lighting**

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**Carnegie Mellon University**

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**EDUCATION**

Florida State University, Master of Fine Arts in Lighting Design, 1978  
University of Michigan, Bachelor of Arts in Theatre and English, 1974

**TEACHING EXPERIENCE**

Professor, Carnegie Mellon University, 2001- present  
Visiting Professor, Henry van de Velde Higher Institute of Architectural Sciences,  
Antwerp, Belgium, 2005-2009  
Associate Professor, Carnegie Mellon University, 1992-2001, tenured in 1995  
Assistant Professor, Carnegie Mellon University, 1987-1992  
Assistant Professor, Ohio State University, 1983-1987

**ADMINISTRATIVE EXPERIENCE**

Prague Quadrennial, Scenofest 2011, Artistic Leader 2007-2009

Carnegie Mellon College of Fine Arts  
Co-Director for the Multi-Disciplinary Fine Arts Study in Rome, 2000-2002  
Program Director for the Interdisciplinary Fine Arts Study in Tours, France, 1992, 1993

Carnegie Mellon School of Drama  
Option Head: Design, 1995-2001  
Option Head: Performance Technology & Management, 1995-1999

Carnegie Mellon School of Drama  
Program Director for the London Summer Theatre Collaboration Project, 1996, 1998

Head of the Lighting Design Commission  
United States Institute for Theatre Technology, 1989-1994

## **COURSES TAUGHT**

### **Theatrical Lighting Design**

Students will explore in more depth the use of light to direct attention, convey mood and create sense of place. Advanced color theory, styles of production and how staging affects design choices are explored to help interpret the script and realize the director's vision. Verbal, written and visual communication of ideas is emphasized.

### **Concert Lighting Design**

Students will explore lighting design in genres that use automated fixtures as their primary lighting tool and concentrate on a design for a concert touring project. The course covers how to efficiently convey intent and design ideas to a lighting programmer.

### **Dance Lighting Design**

Students will explore the art of dance and the relationship between movement, space and light. The process will include translating abstract ideas into visual images, exploring the properties of light in context to movement and communication with the choreographer.

### **Lighting Design Skills**

Students will concentrate on developing speed and efficiency in skills necessary for lighting designers to successfully implement their designs. Content includes skills in focusing, cueing, drafting, communication and being a professional ALD.

### **Intro to Lighting Design**

Students explore the physical properties of light in various design applications and develop a process of storytelling that involves analysis, research, exploration, questioning, problem solving and implementation of a successful design product. Students will also learn how to collaborate as a design team with the director.

### **Television Lighting Design**

This mini is to help prepare students for the Television Lighting Workshop. Prominent designers from the television and live broadcast industry in Los Angeles and New York come in to mentor the students through a produced television experience. Students gain an understanding of how to light for camera and learn about career opportunities.

### **Musical and Opera Lighting Design**

Students will apply their design skills to music based texts of musical theater and opera. Scale of space and complexity of cueing will be explored. Verbal, written and visual communication of ideas is emphasized and practiced.

### **Architectural Lighting Design**

Through hands on exploration of light and the technical tools used to express a design idea, students will develop a design process for lighting people and architecture. Emphasis is placed on understanding the client's needs, creating a strong design point of view and developing communication skills. Students will focus on green design and will demonstrate proof of design concept through full scale lighting mock-ups.

### **Lighting Design Thesis**

This course is only open to graduate students in the MFA lighting design program. Individual students are mentored and prepared for a professional career in lighting design. Emphasis is on the Design Thesis Project, Portfolio and Website.

### **Interaction & Expression Using the Pausch Bridge Lighting**

Students form teams across disciplines to develop and implement a lighting idea for the Pausch Bridge that explores light as a visual expression of art. Students explore light as narrative, learn to translate abstract concepts into specific images of light, understand how time and motion can influence the meaning of a visual message and engage participants in an interactive experience.

### **CURRICULUM DEVELOPMENT**

Created an MFA program in Lighting Design at Carnegie Mellon University and expanded the BFA Lighting curriculum. Classes for the BFA and MFA degrees include courses that integrate practical and theoretical experience in lighting design for theatre, opera, dance, live entertainment, concerts, architecture, and television.

Created a lighting design course for the Higher Institute of Architectural Sciences Henry van de Velde in Antwerp, Belgium. This is the first lighting design course in Belgium. Class projects include the lighting of the exterior façade of the Royal Museum of Arts which was accepted by the city and installed in September 2006.

Worked with faculty in CFA to create a pilot program for international multidisciplinary study. Sites have included Barcelona in 2000 and Rome in 2001 and 2002. The curriculum focused on the study of time, space, sound, color and light within the environment and an introduction to the arts using the resources of the country's culture.

Worked with faculty in CFA to create a model study abroad program for interdisciplinary fine arts study in Tours, France. Curriculum combined language, culture and specific fine arts disciplines within a studio/fieldtrip/internship environment.

Created a collaborative summer theatre experience for Carnegie Mellon Drama students with the Central School of Speech and Drama in London, England culminating in two realized theatre productions.

### **SELECTED PUBLICATIONS/DESIGN EXHIBITS**

“Born to Do This,” feature article on Cindy Limauro’s teaching of architectural lighting design and professional practice, Mondo Arc Magazine, April 2015

Remaking Cities Institute, Carnegie Mellon, 2011-2012, 2014-2015

Provided research and design expertise as part of an advisory report to the City of Pittsburgh on changing over to LED Streetlights with published reports in 2012, 2015

“Architecture Students See the Light,” article on Cindy Limauro’s teaching of architectural lighting workshops around the US sponsored by the Nuckolls Education Fund, *SSL Architectural Magazine*, October 2014

Lighting design for *The Threepenny Opera*, 10<sup>th</sup> edition of *Scene Design and Stage Lighting* by R. Craig Wolf and Dick Block, 2013

Featured article on Cindy Limauro and Eric Paulos’ new course focused on students creating light shows for the Randy Pausch Memorial Bridge, “Bridge of Shows,” *Lighting and Sound America*, May 2012

Architectural lighting design for the Hall of Dinosaurs at the Carnegie Museum of Natural History, *Stage Lighting Fundamentals and Applications* by Richard Dunham, 2011

Featured article on Cindy Limauro and Christopher Popowich’s lighting design for the Randy Pausch Memorial Bridge, published in *Lighting and Sound America*, June 2010

Featured article on the design partnership of Cindy Limauro and Christopher Popowich, published in *Lighting and Sound America*, October 2008

Prague Quadrennial, US Juried Exhibit, June 2007  
Lighting Design for *The Threepenny Opera* produced by Opera Columbus

“5 Remarkable Women in Theatre,” *Stage Directions Magazine*, March 2006  
Feature article on Cindy Limauro’s professional accomplishments.

World Stage Design Exhibit, Toronto, March 2005  
Lighting design for *A Woman of No Importance* produced by Pittsburgh Irish and Classical Theatre was included in this international design exhibit sponsored by OISTAT

“Lights Up at the Prague Quadrennial” published in *Lighting Dimensions*, September 2003

## **SELECTED PANELS/WORKSHOPS**

Architectural Lighting Design Workshops, sponsored by the Designers Lighting Forum of New York, 2017-2018

Architectural Lighting Design Workshops, sponsored by the Nuckolls Education Fund to further lighting education in Architecture Schools, 2013-2014, 2014-2015, 2015-2016  
Universities include University of Texas at Austin, Cal Poly Tech, University of Southern California, Berkeley, University of Michigan, Northeastern, Arizona State, Penn State, Appalachian State and University of Cincinnati.

Power of Design 2016 “Sustaining a Bright Future: The Beauty of LEDs”  
Appalachian State University, October 2016

“Light and Architecture,” IES National Conference in Pittsburgh, November 2014

International Design Symposium in Hangzhou, China, April 2011  
“Theatrical Influences to Architectural Lighting”

“Lighting Famous Landmarks in Prague,” Prague Quadrennial, June 2007

“Pushing Back the Darkness, Avenues of Light and Color,” Antwerp Design Seminars & Lectures, Higher Institute of Architectural Sciences Henry van de Velde, Antwerp, Belgium, January 2007

“Shadow Takes a Walk, A Journey of Time through Light,” Antwerp Design Seminars & Lectures, Higher Institute of Architectural Sciences Henry van de Velde, Antwerp, Belgium, January 2006

“Creating Emotional Response through Lighting,” Antwerp Design Seminars & Lectures, Higher Institute of Architectural Sciences Henry van de Velde, Antwerp, Belgium, January 2005

“The Magic of Light on Fabric,” LDI in Orlando, November 2003

“Theatrical Architectural Lighting Design,” Prague Quadrennial, June 2003

“The E-Factor, Creating Emotional Response through Light,” Lightfair International, New York City, May 2003

“Architecture as Theatre,” Architectural Lighting Master Classes in New York City, February 2003

#### HELSINKI INSTITUTE OF THEATRE:

Guest Lectures on Lighting Design, May 1991

International symposium addressing topics: use of automated lighting fixtures and advanced technology and its impact on the artistry of design; correlation between a theatre space and the type of theatre (drama, dance, opera) from a lighting design viewpoint; the crossover between theatrical lighting design and architectural and industrial lighting design; and educating lighting designers for the future.

#### **AWARDS**

Designers Lighting Forum of New York, \$20,000 Grant to teach Architectural Lighting Design workshops to further lighting education in NY metropolitan area Architecture schools, 2017-2018

Nuckolls Fund Grant, \$20,000 to teach Architectural Lighting Design workshops to further lighting education in Architecture schools, 2013-2014, 2014-2015, 2015-2016

**The Hunt Library**

**2012 Outstanding Lighting Award for Best Exterior Lighting Design**

The Electric League of Pittsburgh and IES (Illuminating Engineering Society)

Intel Grant, \$25,000 to support a new course entitled “Interaction & Expression Using the Pausch Bridge Lighting,” 2011

**The Randy Pausch Memorial Bridge**

**2010 Outstanding Lighting Award for Excellence in Lighting** from

The Electric League of Pittsburgh and IES (Illuminating Engineering Society)

**Henry van de Velde Award for Architectural Education** from the Higher Institute of Architectural Sciences at University College, Antwerp, Belgium, January 2007

**Carnegie Mellon Faculty Service Award** for extraordinary commitment to education, October 2006

**USITT FELLOW** (United States Institute for Theatre Technology), March 2000

Fellow of the Institute is the honorary designation bestowed for life upon those members who have made a truly outstanding contribution to the theatre and the work of the Institute.

Multidisciplinary Development Grant, Carnegie Mellon University, Award of \$12,610 to develop a summer pilot program in Barcelona with faculty from Art, Architecture, Design, and Music, 2000

**Design Award for Outstanding Achievement in Lighting Design from the Illuminating Engineering Society of North America and an Award of Merit in the International Design Awards for The Hall of Dinosaurs, Carnegie Museum of Natural History, 1999**

**Design Award for Outstanding Achievement in Lighting Design from the Illuminating Engineering Society of North America and an Award of Merit in the International Design Awards for The Chariot of Aurora, Carnegie Museum of Art, 1999**

Academic Specialist Grant, awarded from the United States Information Agency to participate in the Finnish Theatre Academy International Seminar and to assist in developing the curriculum for the newly created department of light and sound at the Theatre Academy, 1991