

CURRICULUM VITAE of EDWARD JAMES WESLY

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EDUCATIONAL BACKGROUND:

University of Illinois at Urbana, Bachelor's of Science Degree in the Teaching of Mathematics, January 1976.

National-Louis University, Chicago, IL, Master of Education, June 2011.

PROFESSIONAL OBJECTIVE:

With four decades of experience in the classrooms of art and design schools, I would like to raise the standard of excellence in the learning experience as a mathematics, physics, or computer science teacher. Alternatively, with over three decades of experience in photography and holography, I would like to raise the standard of excellence in prototyping or production of imagery.

TEACHING EXPERIENCE:

Faculty, teaching The Physics of Light, History of Photographic Imaging, Technical Foundation, Introduction to Digital Photography and Workflow, and College Math classes at Harrington College of Design, Chicago IL, Full-time January 2005 to August 2013, Adjunct January 2014 to present.

Adjunct Faculty, teaching the Introduction to Mathematics class, January 2015 to March 2015, at Tribeca Flashpoint Academy.

Adjunct Assistant Professor, teaching a variety of classes in the Art and Technology and Liberal Arts Departments at the School of the Art Institute of Chicago, including the Beginning and Intermediate/Advanced Holography Studio, Optics for Artists, Electricity & Magnetism, 3-D Hard Copy, and The Physics of Everyday Objects, January 1986 to May 2010.

Instructor, Columbia College, Chicago, for the courses, "The Physics of Lasers, Holograms, and Modern Optics", "Photographic Theory/Laboratory Practice for Cinematographers", and "Imaging Optics", February 1985 to June 1997.

Teacher, Cicero School, Cicero, IL, 7th and 8th grade Math Classes, September 1981 to June 1982.

Director of Education for the Fine Arts Research and Holographic Center, Chicago, IL, June 1980 to May 1981.

Teacher, Hardey Preparatory School, Chicago, 6th, 7th, and 8th grade Math Classes, September 1977 to June 1980.

Instructor, District 214 Continuing Education Program, Arlington Heights, IL, Photography classes.

TECHNICAL EXPERIENCE:

Production Holographer, CFC International, Countryside, IL, laboratory technician preparing holographic images for mass production, October 1998 to November 2004.

Sales Engineer, BEA electro-optics, Des Plaines, IL, manufacturer's representative for a variety of electro-optical companies, June 1997 to October 1998.

Research Associate at Lake Forest College, Lake Forest, IL, supported by a grant from a manufacturer of medical equipment to test the feasibility of replacing conventional optics in some of their equipment with Holographic Optical Elements, October 1987 to February 1993.

Holographic Engineer for Northwestern University, Evanston, IL, researching holographic endoscopes using Ruby laser light piped through fiber optics, May 1986 to May 1987.

Holographic Engineer for Holicon Corporation, Evanston, IL, setting up a studio to record holographic portraits using a Ruby laser, May 1986 to May 1987.

Holographer for the 15 foot Bubble Chamber at Fermilab, Batavia, IL. Part of a team using a Ruby laser to make holograms of atomic particle tracks, March 1985 to April 1986.

Optical Engineer for Magnaflux Corporation, Chicago, IL. Designed and built an 8 by 8 foot isolation table equipped with an Argon laser for real time interferometry of large objects, October 1983 to September 1984.

AWARDS AND RECOGNITION:

Career Education Corporation Educator of the Year Finalist, 2011

Invited Speaker, Society of Photo-Instrumentation Engineers, Photonics West Conference, January 2011

Eulogized Dr. Tung Jeong at his Memorial Service at Lake Forest College, July 2015.

PROFESSIONAL ORGANIZATIONS:

Member of the Society of Photo-Instrumentation Engineers (SPIE), Chicago Artists' Coalition, The Daguerrian Society (Photo-Historians)

REFERENCES:

Dr. Hans Bjelkhagen, DeMontfort University, Leicester, England (Hansholo@aol.com)

Dr. Craig Cunningham, National Louis University, Chicago, IL (craig.cunningham@nl.edu)

PUBLICATIONS

WEB SITE:

Portfolio of Graduate School Projects is at

edweslystudio.com/nlutie/TIEPortfolio/index.html

Complete list of publications is at edweslystudio.com/Publications/Publications.html

TEXTBOOKS (self-published):

INSTRUCTION MANUAL FOR THE HOLOGRAPHY STUDIO AT SAIC, September 1995

OPTICS FOR ARTISTS, September 1995

PHOTOGRAPHIC THEORY/LABORATORY PRACTICE For Cinematographers,
September 1995

IMAGING OPTICS, February 1996

VIDEOS:

"Ruby Laser Guts", 1996, and "Gaseous Lasers", 1996

SELECTED ARTICLES:

"Quantitative Measurement of Holographic Image Quality Using Adobe Photoshop",
Proceedings of the Ninth International Symposium on Display Holography, MIT, 2013.

"Inside-Out Engineering: Characterizing the Holographic Stereogram Printer
at The School of the Art Institute of Chicago", Proceedings of the SPIE, 1997.

"A Toast to Nick Phillips", Leonardo, Volume X, Number 3, 1992.

"A Proposal for a National Space Monument", Proceedings of the SPIE, Vol. 1600, 1991.

"Holography of Particle Tracks in the Fermilab 15-Foot Bubble Chamber," with W. Smart
et al., Nuclear Instruments and Methods in Physics Research A297, 1990, p.364-389.

"Teaching Holography in an Art School Environment," Proceedings of the SPIE, Vol. 1396,
1990.

"Progress in True Color Holography", with T. Jeong, Proceedings of the SPIE, Vol. 1211,
1990.

"Recycling Holographic Plates", Proceedings of the Third International Symposium on
Display Holography, Lake Forest College, 1988.

"Exploring Personal Holography", Darkroom and Creative Camera Techniques, Nov/Dec.
1986.

"Seven Single Beam Projects", Proceedings of the Second International Symposium on
Display Holography, Lake Forest College, 1985.

Technical Editor for holosphere, the Advocate of Holographic Art, Science, and
Technology, 1985 to 1991.

EXHIBITIONS: ONE MAN SHOWS

Relics From the 20th Century, Mode Reality, Chicago, IL June –August, 2006

Down in the Basement, Artigliography, Indianapolis, IN, September - October, 1990.

Doodles, Atlanta Gallery of Holography, Atlanta, GA, April 1990

Recent Pulsed Stuff and Other Delights at Benny's CASINO, Chicago
IL, August 1986.

EXHIBITIONS: GROUP SHOWS

Science in Art 2008, University of Chicago, Chicago, IL, October 2008
Intersections: The Art & Science of Light, FermiLab, Batavia, IL September 2008
Digital Photography Faculty/Student Show, Harrington College, Chicago, IL April 2008
Imagine Benefit Auction, Harrington College, Chicago, IL October 2007.
Digital Photography Faculty/Student Show, Harrington College, Chicago, IL March 2007
Imagine Benefit Auction, Harrington College, Chicago, IL October 2006.
Imagine Benefit Auction, Harrington College, Chicago, IL November 2005.
Untitled, Richard Hunt Art Center, Benton Harbor Michigan, November 1996.
Candy for the Eyes, Mind and Sol Gallery, Chicago, IL, September 1995.
Unknown Chicago, Gallery 312, Chicago, IL, July 1995.
The Fourth International Exhibition of Display Holography, Lake Forest College, July 1991.
Matter Over Mind Sculpture Conference, Fermilab, Batavia, IL, May 1991.
Diorama Wonderama, Gallery 836, Chicago, IL, November 1990.
L.A.S.E.R. Members Show, Holos Gallery, San Francisco, CA, Summer 1990.
New Media, New Directions, Northern Indiana Arts Association, Munster, IN, August, 1990.
International Congress on Art in Holography, May - July 1990.
The One-Liner Show, Gallery F-XU, Chicago, IL, February 1990.
Visual Perceptions: Color, Light and Space, Gallery of Design of the Merchandise Mart, Chicago, IL, February 1989.
The Third International Exhibition of Display Holography, Lake Forest College, July 1988.
Visions in Light, Museum of Holography, Summer 1988.
Images in Time and Space, Montreal, Canada, May 1987 to June 1989.
The Holographic Instant: Pulse Laser Holograms, at the Museum of Holography, New York, May to October 1987.
A.I.R. Waves at the Museum of Holography, New York, January to May 1987.
2 X 2 Show at the School of the Art Institute of Chicago, May 1986.
Holography Group Show at the Limelight, Chicago, February 1986.
Holography Exhibition at the School of the Art Institute of Chicago, November 1985.
The Second International Exhibition of Display Holography, Lake Forest College, July 1985.
New Light, Chicago Public Library Cultural Center, July 1984.
The Connie Show, W.P.A. Gallery, Chicago, IL, April 1984.
Stare Magazine Fifth Anniversary Show, at Word City, Chicago, June 1982.
Post-Mortem Moderne, at the House o' Beauty, Chicago, IL, July 1980.
First Contact, Chicago, IL, February, 1979.
Illinois Photographers' Lottery, De Kalb, IL, May, 1978.

COLLECTIONS:

Global Images, Vancouver, British Columbia, Canada.
Museum of Holography Collection, MIT Museum, Cambridge, MS.
Dimensional Imaging Consultants, Niles, MI.
Hans Bjelkhagen, Leicester, England
Lisa DeBernardo, Chicago, IL

Jessica Wolfe, Chicago, IL
Harrington College of Design, Chicago, IL