



Curriculum Vitae

JAMES ROBERT BENYA, PE, FIES, FIALD

Principal, the Benya Burnett Consultancy

Winner of the 2008 Edison Award

"At the leading edge of light" Metropolis, 1999

"One of the top lighting designers in the US", Departures by American Express, 1999

"Top 25 Retail Lighting Designers in US", Display and Design Ideas, 2002

"Hot designer", SNAP Magazine, 2011

"Jim has been at the forefront from the start, specializing in integrated daylighting strategies and sustainable lighting approaches long before most designers knew what that was," Architectural Lighting, 2011

Inaugural member of the Michigan Lighting Hall of Fame, 2013

Jim Benya is a professional lighting designer, educator and consultant with 40 years of experience. He is a Registered Professional Electrical Engineer, Fellow of the Illuminating Engineering Society of North America (FIES), and Fellow of the International Association of Lighting Designers (IALD). A member of the legendary Smith Hinchman & Grylls Lighting Group, he established and led California's seminal lighting design firm Luminæ Souter Lighting Design as Principal and CEO before starting Benya Lighting Design in 1994 in Portland, Oregon. His design work has been published in every major lighting design and architectural journal, including *Architecture*, *Architectural Record*, *Architectural Lighting*, *Progressive Architecture*, *LD&A*, *Lighting Dimensions*, *Interiors*, *Interior Design*, *Designers West*, *Northern California Home and Garden*, *Architectural Digest*, and *Building Design and Construction*. He has won numerous lighting design awards, including a two time recipient of the EDISON AWARD, the Edison Award of Excellence (7 times), the Edison Award for Environmental Design (thrice), the International Illumination Design Award of Excellence, and the Source Awards First Place Award.

He is the author of *Lighting Design Basics* (Wiley 2012) and *Lighting Retrofits and Relighting* (Wiley 2011) and his work is featured in nine books, including the *Best of Lighting Design*. In 2012 he returned to northern California to continue the ground breaking work of the Benya Burnett Consultancy with partner Deborah Burnett in Davis, California and to work with the California Lighting Technology Center on projects. Along with Deborah he is co-author on a new Wiley Publication (expected release date May 2014) entitled *Evidence Based Lighting Design: connecting the dots between scientific discovery, human wellness, and economic ROI*

PROFESSIONAL DESIGN AND ENGINEERING HISTORY

Principal, the Benya Burnett Consultancy	2010-present
Principal, Benya Lighting Design, West Linn, OR	1994-2013
Principal, Pacific Lightworks, Portland, OR	1996-1998
Principal, Luminæ Souter Lighting Design, San Francisco	1983-1994
Associate and Chief Electrical Engineer, the Smith Group, Detroit	1980-1983
Electrical Engineer and Project Manager, the Smith Group, Detroit	1973-1980

EDUCATIONAL HISTORY

BSE, University of Michigan, Electrical Engineering	1973
BS, University of Michigan. Computer Science	1973
Graduate work in Computer Science, University of Michigan	1973
Professional Development Work in Building Energy Systems, Iowa State	1978
Professional Development Work in Daylighting, Harvard Graduate School	2009

ACADEMIC TEACHING HISTORY

Adjunct Professor of Architecture, Lawrence Technological Institute	1974-1978
Adjunct Professor of Architecture, Wayne State University	1979
Adjunct Professor of Design, University of Michigan	1980-1983
Adjunct Professor of Architecture, University of California at Berkeley	1984-1985
Adjunct Professor of Architecture, California College of Art	1986-1995
Artist in Residence, University of Nebraska School of Architecture	1998
Adjunct Professor of Interior Design, Marylhurst University	2002
Guest Lecturer, Oregon State University Interior Design Lighting Class	1999-2010
Special studio in Daylighting, Daylectric Lighting, Ball State University	2007-2009
Director of the Advanced Lighting Design Program, UC Davis	2012-2013

PROFESSIONAL PRESENTATIONS and COURSE DEVELOPMENT

National and International Venues

LightFair International (39 presentations)	1990-2013
Professional Lighting Design Conference (Berlin, Madrid, Copenhagen)	2009, 2011, 2013
Professional Lighting Design (Alingsås, Copenhagen, Wismar, Venice)	2011
Pan Pacific Lighting Conference, (San Francisco)	1984, 1986, 1989
Intl. Daylighting Conference (Bilbao, Rotterdam, Lausanne, Copenhagen)	2007, 2009, 2011 and 2013
IALD Annual Conference	2000, 2002, 2009
IES Annual Conference	1985, 1988, 1990 2000, 2005

International Dark Sky Association Annual Meeting	2002,2003,2008
AIA Annual Conference	2001,2005,2007
ASID Annual Conference	1985,1986,1989 1990,1994,1998
Green Build	2002,2003,2007 2008, 2009
Neocon Chicago	1998,2002,2009
Strategies in Light (LED and OLED conferences)	2009,2011,2012
LED Show	2013
LightShow West	2013
LED Specifier Summit	2013

Local and Regional Venues

Designers Saturday, New York	1992
Lighting Academy, Southern California Edison (5 classes, multiple times)	2007-2011
AIA Professional Development Classes Presented 20 programs local level)	2001-2011
ASID Professional Development Classes presented (82 programs local level)	1983-2009
APEM Professional Development Classes presented (local level)	1985-1995
IES Regional and Sectional Meetings -75 programs	1975-2011

Professional Development Classes for Commercial Clients 1983-2011

Commercial presentation and program clients include Acuity Brands Lighting, Cooper Lighting, GE Lighting, Sylvania Lighting, Lutron Electronics, ELP Lighting, Efficiency Vermont, Southern California Edison, Pacific Gas & Electric, LA DWP, Southern California Gas Co, San Diego Gas & Electric, California Lighting Technology Center, Oklahoma Gas & Electric, Edison Electric Institute, American Lighting Association, Oregon Energy Trust. Pacific Power Company, BC Hydro, Connecticut Power and Light, Con Edison, Com Edison, Atlantic Electric, Georgia Power, Lucifer Lighting, NEEA, NEEP, CHPS, ASHRAE, Energy Center of Wisconsin, ACEEE, NRDC, Professional Lighting Design magazine, Architectural Lighting magazine, Architect magazine, AMC Trade Shows, the Atlanta Mart, the Merchandise Mart, LA Design Center, SF Mart, the Miami Merchandise Mart, Dallas Mart, Specs Retail Conference, the Electric Show, Electric West, EWEB, IIDA

College Lectures 1983-2011

Programs include University of Oregon, Oregon State University, Mt. Hood Community College, University of Washington, University of California Davis, University of California Berkeley, Cal Poly Ponomo, Cal Poly San Luis Obispo, University of California Santa Barbara, University of California San Diego, Cal State Chico, Cal State Sacramento, California Art Institute, La Canada College, UCLA, University of Nevada, Las Vegas, University of Texas, UT San Antonio, Venice School of Architecture, Hochschule Wismar, University of Montana, University of Idaho, Arizona State University, Oklahoma State University, University of Nebraska, Lawrence Technological Institute, University of Alabama, Memphis State University,

Rhode Island School of Design, Louisiana Tech, University of Colorado, University of Virginia, University of Hawaii, Fashion Institute of Design, University of Vermont, University of Wisconsin, University of Minnesota, Parsons School of Design, University of Rochester, Chaminade College, Ball State University

Paper Presentations

IES, IALD, ASHRAE, USGBC, ACEEE, AIA, various programs.

IES Light Up Philadelphia Conference	2012
NECA Annual Conference, Las Vegas	2012
IES Conference Australia New Zealand, Auckland	2011
IES Conference Australia New Zealand, Queenstown	2008
International Daylighting Conference, Bilbao	2007
Trade Commission of Spain, Barcelona	2005
IES Annual Conference	1997

Internet Classes and Webinars

Federal Energy Management Program (FEMP) Lighting Class	1997-2002
Bonneville Power ETC Program	2013
Focus on Energy Webinars (Wisconsin)	2013

MEMBERSHIPS

Illuminating Engineering Society (IES)	1975-2012
Board of Fellows	2003-2007
	1994-1998
ASHRAE AEDG Schools	2005-2007
Technical review committee	2007
Spectral effects committee	1998-2002
ASHRAE/IES90.1 representative	1992-1997
Elected Fellow	1991
Energy Management committee	1983-2008
Health Care Committee	1979-1983
Chair, annual meeting program committee	1985
Annual conference papers	1975,1983,2010
Elected member	1975
International Association of Lighting Designers (IALD)	1987-2012
Fellows Selection Committee	2010-2012
Elected Fellow	2005
Special presidential citation	2003
LightFair Management Board	2002-2004

NCQLP Board	2002-2003
Member of Board, Director of External Affairs	2002-2003
Member of Board, Director of Education	2001
LightFair Program Committee	1998-2001
Elected Professional Member	1987
International Dark Sky Association (IDA)	2001-2012
Chair, Model Lighting Ordinance Task Force	2001-2012
Board of Directors	2001-2011
Treasurer	2008-2009
Technical Committee	2001-2011
American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE)	
Member, SPC 189.1	2009-2010
Member SPC 90.1	1992-1997
AEDG Schools	2005-2007
High Efficiency Buildings Conference Paper presenter	2010, 2012
US Green Buildings Council (USGBC)	2002-2012
Institute of Electrical and Electronic Engineers (IEEE)	2005-2009
National Council on Qualifications for the Lighting Professions (NCLQP)	
Chairman, Examination Committee	2000
Chairman, Test Committee	1997-1999
Member, organizing committee	1995-1996
Lighting Certified	1998-2010
General Electric Consumer Advisory Council (GE CAC)	2001-2012
California Energy Commission (CEC)	
Advanced Lighting Professional Advisory Committee	1987-1994
Advanced Lighting Advisory Committee	1995-1998

PUBLICATIONS

Books (Author and Co-Author)	
Lighting Design Basics Second Edition, Wiley	2012
Lighting Retrofits and Relighting, Wiley	2011
Lighting Design Basics Wiley	2004
Lighting Fundamentals, EPRI	1997
Lighting Retrofit Handbook, EPRI	1997
Daylighting Fundamentals, EPRI	1998

Lighting Controls: Patterns for Design, EPRI	1996
Contributing Editor and Author	
Advanced Lighting Guidelines, California Energy Commission	1990,1993
Advanced Lighting Guidelines, New Buildings Institute	2001,2003,2009
Lighting Controls Patterns for Design, EPRI	1997
Author and Columnist	
Architectural Lighting Magazine	1988-1992
Architectural Record Magazine	1992-1997
Architectural Lighting Magazine	2001-2012
Blog, Architectural Lighting	2008-2009
Lighting Design and Application	Centennial
Articles and papers	
Architectural Lighting	53 articles and columns
Architectural Record	16 articles and columns
Progressive Architecture	1 article (1983)
Building Operating Management	3 articles
Better Bricks Website	4 articles
EC&M (McGraw Hill)	2 articles
Building Design and Construction	2 articles
Published White Papers	
Lighting Calculations Using LED, Cree Website	2011
GaN on GaN LED Technology, SORAA Website	2012

REGISTRATIONS AND CERTIFICATIONS

Professional Engineer, California 12078	1984-2013
Professional Engineer, Michigan 24679	1977-1983
Class A Energy Auditor, Iowa	1978
Certified Lighting Efficiency Professional (CLEP)	1992-1995
Lighting Certified (NCQLP)	1998-2010

LIGHTING DESIGN AND OTHER AWARDS

2011	Edison Award for Environmental Design, UNIVERSITY OF ARIZONA SIXTH STREET HOUSING
2008	THE EDISON AWARD, SACRAMENTO MEMORIAL AUDITORIUM
2008	Edison Award for Environmental Design, SACRAMENTO MEMORIAL AUDITORIUM
2002	Edison Award for Environmental Design, LEWIS AND CLARK LAW LIBRARY
1996	Award of Merit, IL FORNAIO PORTLAND
1992	Award of Merit, ESPRIT DE CORP

1989 Award of Excellence, RUSS BUILDING
1989 Award of Excellence, BANK OF THE WEST
1989 Award of Merit, BROWN AND BAIN
1984 THE EDISON AWARD, FRANCO FERINI
2008 Guth Award of Merit and Lumen Award, SIDWELL FRIENDS SCHOOL
2003 Guth Award of Merit, WEST LINN LIBRARY
2003 Guth Award of Merit, SYMANTEC SPRINGFIELD
2003 Guth Award of Merit, LEWIS AND CLARK LAW LIBRARY
2000 Guth Award of Merit, THE HOTEL PATTEE
2000 Guth Award of Merit, THE STREET OF DREAMS
1997 Guth Award of Merit, HARRAH'S MARDI GRAS CASINO
1996 Guth Award of Merit, CITY OF PHOENIX STREET LIGHTING
1995 Guth Award of Merit, PALACE CASINO
1994 Guth Award of Merit, CITY OF MEMPHIS TROLLEY AND MAIN STREET
1993 Guth Award of Merit, ESPRIT DE CORP
1993 Guth Award of Merit and EPRI Efficiency Award, BEECH RESIDENCE
1992 Guth Award of Merit, STANFORD CHILDREN'S HOSPITAL
1991 Guth Award of Merit, WOLF RESIDENCE/MARIN DESIGNERS SHOWCASE
1991 Guth Award of Merit, THE RESORT AT SQUAW CREEK
1991 Guth Award of Merit, THE MARIN CIVIC CENTER
1990 Guth Award of Merit, HILLSBOROUGH RESIDENCE
1989 Guth Award of Merit, EMBASSY SUITES KAA NAPALI, MAUI
1988 Award of Excellence, ST. MARY'S CATHEDRAL
1987 Guth Award of Merit, PAN PACIFIC LIGHTING EXPOSITION
1987 Guth Award of Merit, FRANCO FERINI
1986 Guth Award of Merit, RESIDENCE IN MARIN
1984 Guth Award of Merit, COMPREHENSIVE HEALTH SERVICES OF DETROIT
1984 Guth Award of Merit, AYL A FOR MEN
1981 Guth Award of Merit, ATLANTA INTERNATIONAL AIRPORT
2012 Beyond Green Honor Award - First Place for a New Academic Complex, REDDING SCHOOL FOR THE ARTS
2012 Design Excellence Award, AIA Educational Facility Design Awards, REDDING SCHOOL FOR THE ARTS
2011 Beyond Green Advanced Building Citation, PORTLAND COMMUNITY COLLEGE
2011 Design Excellence Award, Community Facilities, HAVEN FOR HOPE
2009 AIA COTE Top Ten, THE CHARTWELL SCHOOL
2006 AIA COTE Top Ten, THE SIDWELL FRIENDS SCHOOL
2004 IALD Presidential Special Service Citation
2003 Better Bricks Professional Services First Runner Up
2003 IALD International Lighting Design Awards Special Citation, SYMANTEC
1998 AIA Award, Architecture+Energy Program
1995 US Department of Transportation and Endowment for the Arts
Design for Transportation Award of Merit
1994 IESNA Presidential Citation
1990 IESNA South Pacific Coast Vice-President's Award

- 1990 Halo/ASID First Place Commercial, BANK OF THE WEST
- 1980 Michigan Governor's Award
- 1976 Electrical Consultant Energy Efficiency Design Award

HIGH PERFORMANCE AND EFFICIENT BUILDINGS INCLUDING LEED (COMPLETED)

- (3) Zero Net Energy Buildings (Fort Huachuca Colonel Smith Middle School, Redding School for the Arts, the Chartwell School)
- (14) LEED Platinum Buildings
- (20) LEED Gold Buildings
- (15) LEED Silver and Qualified Buildings

PATENTS

- INT. # 8502480 (2013) for a complex lighting control system that choreographs the lighting of environments and apparel, with emphasis on LED's.
- US# Y20080005044 (2008) for an electronic signaling system to reduce power demand in buildings.

CONTACT INFORMATION

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