

## Curriculum Vitae

### Ray Zone

Ray Zone is an author, 3D film producer, speaker and award-winning 3-D artist. An internationally recognized expert in all things 3-D, Zone has a special interest in stereoscopic cinema and Large Format 3-D (15/70) filmmaking. Zone has produced or published over 130 3-D comic books. Since 1983, he has created stereo conversions and stereoscopic images for a wide variety of clients in publishing, education, advertising, television and motion pictures. Zone's website is viewable in anaglyphic 3-D at:

[www.ray3dzone.com](http://www.ray3dzone.com)

### Books (Author/Editor):

#### ***Stereoscopic Cinema and the Origins of 3-D Film: 1838 - 1952***

University Press of Kentucky: 2007

#### ***3-D Filmmakers: Conversations with Creators of Stereoscopic Motion Pictures***

Scarecrow Press: 2005

#### ***Living Pictures: The Invention of Cinema*** (with artist Chuck Roblin)

3-D Zone: 2003

#### ***New Wave King: The Cinematography of Laszlo Kovacs*** (editor)

ASC Press: 2001

#### ***Writer of Light: The Cinematography of Vittorio Storaro*** (editor)

ASC Press: 2000

#### ***The Deep Image: 3-D in Art and Science***

3-D Zone: 1991

### Stereoscopic Motion Pictures

#### **My Dream**

Executive Stereoscopic Producer

Live action 3-D Film (Hwy3D/Korean Film Commission)

2010

#### **Brijes 3-D**

3-D Producer

Animated 3-D Feature Film (Santo Domingo Animation)

2010

**Whatever Happened to Ro-Man?**

Writer/Director

Dual HD 3-D Movie (Stereo Club of Southern California)

June 2009

**The Dark Country**

3-D Supervisor

3-D Feature Film (Sony Pictures/Stage Six)

2009

**Slow Glass**

Writer/Director

Dual HD 3-D Movie (Stereo Club of Southern California)

June 2006

**Cobalt Entertainment**

Stereoscopic conversion for three shots

Promotional 3D Film – Georgia Pacific

November 2005

**Large Format Cinema Association Film Festival**

Producer/Distributor of “A Better Mousetrap,”

15/70mm stereoscopic film (IMAX 3-D) by Ron Labbe

April 28, 2004 / July 13, 2005

**ION Interactive Media**

Producer of stereoscopic CD-Rom

“The 3-D World of Ray Zone”

1994

**Nippon Telegraph and Telephone (NTT)**

Producer for 3-minute dual band 3-D video program on the

“picturephone” for showing in 3-D TV theatres in Japan

1988

DVDs

**20<sup>th</sup> Century Fox Home Entertainment**

“The Family Guy – Blue Harvest”

Stereoscopic Conversions

January 2008

**New Line Home Entertainment**

“The Harold Lloyd Comedy Collection”

Anaglyph Conversions

November 2005

**Paramount Pictures/Sparkhill Entertainment**

“Hondo” (Special Collector’s Edition)  
Interview Subject/Content provider  
October 2005

**Stereo Club of Southern California**

“A 3-D Movie & Video 20 Year Retrospective, 1982-2002”  
Producer/Content provider  
July 2003

**American Society of Cinematographers**

“Treasures from the ASC”  
Content provider / Living Pictures  
August 2002

Selected 3-D Slide Programs, Courses and Lectures

**Thinking in Z-Space: Flatness and Spatial Narrativity**

Visiting Artist 3-D Program (Emily Carr University)  
Powerpoint Lecture  
February 2, 2011

**The Future of the 3D Movie Business**

3D Fusion Industry Global Conference 2010 (Korean Electronics Association)  
Powerpoint Lecture  
October 13, 2010

**Writing the 3D Story: Technology, Narrative, Aesthetics**

3D University (International 3D Society)  
Powerpoint Lecture  
October 9, 2010

**3D TV: Ready or Not**

(Cable Television Association for Marketing)  
Powerpoint 3-D Lecture  
October 27, 2009

**History of 3-D: 2008-09 Visiting Artist Lecture Series**

(Northwest Museum of Arts & Culture)  
Powerpoint 3-D Lecture  
April 14, 2009

**From There to Here: A Stereographic History**

(Siggraph Computer Animation Festival)

Powerpoint Lecture  
August 11, 2008

**In 3-D: The Future Is Now**

(Sundance Film Festival)  
Panelist/Presenter  
January 20, 2008

**Film Appreciation**

(Los Angeles Harbor College – Instructor Nancy Webber)  
“150 Years of 3-D Movies: 1838 -2007”  
Powerpoint/3-D Lecture  
May 24, 2007

**Angels and Demons on the Wall: Art, Design and Cultures of Projected Images**

(UCLA Dept of Design and Media Arts – Instructor Erkki Huhtamo)  
“Introduction to Stereoscopic Projection”  
3-D Slide Lecture  
May 11, 2007

**Transformations 2 – The Perception of Perception** (USC Arts & Humanities)

“Phantom Rides: Extracting Stereoscopy from Motion”  
Powerpoint/3-D DVD presentation  
January 19, 2007  
“Glimmerings: Retinal Rivalry as an Artistic Tool”  
3-D Slide Lecture  
January 20, 2007

**SMPTE Technical Conference** (Renaissance of the Stereoscopic Cinema - 2006)

“Breaking the Cycle: Why 3-D Movies Fail”  
Powerpoint presentation  
October 20, 2006

**SMPTE Digital Summit** (NAB 2006)

“A New Visual Grammar for Stereoscopic Motion Pictures”  
Powerpoint presentation with anaglyphic 3-D  
April 21, 2006

**Summer Teen Academy** (Cal Poly – Pomona)

“Writing Pictures,” An Introduction to Film as Literature  
A Six-session Course for Summer Academy (2004)  
July 28 – August 13, 2004

**Hollywood Heritage Society** (Lasky Barn)

"Hollywood 3-D" - Stereoscopic slide program  
February 12, 2003

**Los Angeles Public Libraries**

3-D Slide shows on stereoscopic history - various branches of LAPL  
1995 - 2006

**Michael Dawson Gallery**

3-D slide program: "LA3D: 100 Years of Los Angeles Stereographs"  
October 13, 2001

**National Stereoscopic Association - Y2K Annual Convention**

Keynote Address: "My Life in 3-D"  
July 9, 2000

**American Society of Cinematographers**

3-D Slide Program: "The Filming of 'Bwana Devil'"  
April 24, 2000

**Stereoscopic Displays and Virtual Reality Systems III (SPIE & IS&T)**

Keynote Address/3-D Slide program: "The Deep Image"  
February 2, 1996

**Reuben H. Fleet Science Center**

3-D slide lecture in conjunction with Science Exhibit "3-D: A Look in Depth"  
Wednesday, October 24, 1990

Selected Publications:

**Film History, An International Journal**

"A Window on Space: Dual Band 3-D Cameras of the 1950s"  
Volume 16, Number 3, 2004 (3-D Cinema issue)

**The Big Frame (Giant Screen Theater Association)**

"nWave Pictures: Finding New Markets for 3D Digital Films"  
Spring 2004

"NASCAR 3D: The IMAX Experience. IMAX Puts Audiences in the Driver's  
Seat for a Thrilling 3D View of the Action on the NASCAR Racetrack"  
Spring 2004

"Deep Views From Space: The Filming of Space Station in IMAX 3D"  
Spring 2002

**Motion Picture Editor's Guild**

"Cut/Print" – Book Review Column  
November/December 2004 to 2011

### **American Cinematographer**

"Grace Under Pressure" Cinematographer Howard Hall leads a seasoned crew into the depths for the large-format production *Coral Reef Adventure*

March 2003

"A First Orbit for 3-D" Intrepid Discovery astronauts take two new 3-D 65mm cameras out of this world for the Imax film *Space Station*

May 2002

"Tracking the Giant Panda" The scenic Imax film *China: the Panda Adventure* combines the substance of a documentary with the storytelling style of a feature film

September 2001

"New Products" Bigger is Better, Iwerk's New 15/70 camera

March 2001

"Larger Than Life" *Cirque du Soleil* in glorious 3-D Imax

September 2000

"Matte Painting's Monet" An homage to master illusionist Albert Whitlock

July 2000

"Living Pictures," (with Chuck Roblin) an Illustrated History of Cinema

March 1999 (monthly) to November 2003.

"Book Reviews" and "Wrap Shot"

October 1999 to 2003

### **International Documentary**

"Save Our Oceans! 'Coral Reef Adventure' Makes a Large Format Plea

February 2003

"Nonfiction Film's Educationist" (Book Review)

July/August 2001

"Book Reviews"

November 1999 - 2004

"A Man with a Dream: The Wolper Years" (with Chuck Roblin)

Illustrated history

October 1999

### **The Hollywood Reporter**

"Cinema's Evolution" (Whitepaper: Digital Cinema) Motion Pictures have been a unique blend of art and technology since their inception more than a century ago

October 30-November 5, 2001

“D-fining the Future” Large-format 3-D goes digital  
May 16, 2001

“Illustrated History” The Hollywood Reporter’s own story is told in pictures  
(with Alan Gansberg and Chuck Roblin)  
November 2000

“Destiny 0101?” Digital techniques in film restoration  
November 20, 2000

“Films With a Future” DVD has sparked a restoration boom  
November 20, 2000

### **Los Angeles Times**

"Getting the Big Picture on Space Exploration" IMAX enlists the aid of astronauts  
to make the 3-D movie *Space Station*  
April 17, 2002

"A Challenge Embraced" Actress Maria Bello found that working on the Imax-  
format movie *China: the Panda Adventure* demanded a new dimension in acting  
September 13, 2001 (Calendar Weekend)

“The Big Scare” Large format screens show 3-D film, *Haunted Castle*  
February 22, 2001 (Calendar Weekend)

### **Animation Magazine**

"CG Species Steal the Show in 3D *Planet*" (*SOS Planet*)  
February 2003

"'Tis the Season to Get Supersized" (*Santa Vs. the Snowman*)  
December 2002 / January 2003

### **Electronic Media**

“The ABCs of 3-D For the Small Screen”  
February 19, 2001

### **Total Movie**

“Books” The current crop of movie-related tomes dissected and scrutinized  
Sept/Oct 2000 through April 2001 (issues #1 - 4)

### **Stereo World** (National Stereoscopic Association)

“Digital, Circular, Polarized Poultry: The ‘Deeper’ Meaning of Chicken Little”  
January/February 2006

“Threshold of the Future: 3-D Cinema Comes of Age”  
September/October 2005

“New Technology for Large Format 3-D”  
Spring 2005

"A 3-D Icon Turns 50: Behind the Scenes of *Bwana Devil*"  
November/December 2002

“Tele-Stereo: A History” Color 3-D television in 1941  
July/August 2000

“3-D Movie Peep Shows” 19th century stereoscopic movies  
May/June 2000

“Beauties of the Anachrome” A history of the polychromatic anaglyph  
March/April 2000

“The Return of Mr. Green” Friese-Greene’s priority for stereoscopic cinema  
January/February 2000

“The Shadowgraph” Anaglyph shadow shows at the Ziegfeld Follies, 1925  
September/October 1999

“The Problematic Mr. Green” Stereoscopic motion pictures in 1893  
May/June/July 1999

“Into the Station and Off the Screen” Lumieres’ *L’Arrivee du Train* in 3-D  
March/April 1999

**ArtScene**, the monthly digest to Art in Southern California  
Art reviews 1984 - 2011

“Oskar Fischinger” Modernist filmmaker of the first music ‘videos’  
April 1998

### **Stereoscopic Displays and Virtual Reality Systems III**

SPIE- Proceedings -International Society for Optical Engineering (Vol. 2653)  
Keynote Address: “The Deep Image: 3-D in Art and Science”  
February 2, 1996

### **Stereoscopy (International Stereoscopic Union)**

“Glimmerings: A Brief History of Retinal Rivalry”  
June 2005

“Deep Black and White: 3-D Film Noir of the 1950s”  
March 2004

“Bicameral Perceptions: Qualitative Aspects of the Stereoscopic Image”  
December 1992

**Art Gallery International**

“Immaterial Presences: The Holography of Alexander” 1st holographic movies  
December 1989

**READER**, Los Angeles’s Free Weekly

“An In-Depth Look At 3-D” Single-strip 3-D movies break out in 1983  
September 2, 1983

**Journal of Popular Culture** (Bowling Green State University)

“Boltbeak: The Art of Basil Wolverton”  
Winter 1987 (Vol 21:3)

**LA Weekly**

“The Great Szukalski” Poland’s Lost Artist Is Alive & Well & Living in Burbank  
December 25-31 1981 (Vol. 4, No. 4)

**Parabola, Myth and the Quest for Meaning**

“Inner Faces” Masks in the Popular Formulas  
August 1981 (Vol VI, No. 3)

**Dreamworks, An Interdisciplinary Quarterly**

“Sandmen: Nightmares and Dreams in the Comics”  
Summer 1981 (Vol 1, No. 4)

Selected Corporate Clients (Stereoscopic Imaging)

**Soleil Productions**

Les Blondes 3-D – 3-D separations/3-D glasses  
August 2010

**IDW Publishing**

Seduth 3D (Clive Barker) – 3-D separations/3-D glasses  
October 2009

**RAW Entertainment**

Bad Planet #3 – 3-D separations/3-D glasses  
July 2007

**Tool Dissectional LLC.**

“10,000 Days” Tool 3D CD (First music CD with stereoscope)  
Stereophotography, digital art conversion and 3-D consultation  
May 2006

**MIT Press**

“Foundations of Cyclopean Perception” by Bela Julesz (book reprint)  
Consultation on anaglyphic printing inks  
May 2006

**Nickelodeon Magazine**

“The Comic Book” Special 3-D  
Stereoscopic conversions and 3-D consultation  
March 2005, 2006, 2008 and 2009

**Academy of Motion Picture Arts & Sciences**

Facets of the Diamond Film Series– 3-D Finale  
Anaglyph Conversions  
December 8, 2003

**Cahners Publishing**

“CED, Premier Magazine of Broadband Communications,” June, 2000  
Stereoscopic conversion of ‘flat images’ to color anaglyph

**Colonial Williamsburg Foundation**

“1699, When Virginia Was the Wild West,” May 1999  
Stereoscopic conversions, 3-D glasses and article ‘How 3-D Works’

**Harris Publications**

“Guitar World” Magazine, 3-D issue, August, 1999  
Stereoscopic conversions and 3-D glasses

**DC Comic Books**

Superman Beyond 3D – “Final Crisis” #1 & #2  
3-D separations/3-D glasses, October 2008/January 2009

League of Extraordinary Gentlemen Graphic Novel – “Black Dossier”  
3-D separations/3-D glasses, November 2007

“Action Comics” No. 851, 3-D separations/3-D glasses, July 2007

4 issues of color 3-D comics: “Legends of the DC Universe,” “Superman 3-D,”  
“Green Lantern 3-D” and “Batman/Scarecrow 3-D,” December, 1998

“Batman 3D “ (First 3-D Graphic Novel) 1990

**Bantam/Doubleday Dell**

Stereogram illustrations (with Chuck Roblin) for 4 “Super Eye” Adventure Books  
“Monster House,” “Shark Attack,” “Treasure Hunt” and “Prehistoric  
Island,” 1995

### **Sky Publishing Corporation**

“Sky & Telescope” Magazine, ‘Venus in 3-D,’ August, 1993  
Stereoscopic printing separations and 3-D glasses  
[Subsequently reprinted in *Discovery Astronomy*, Wiley & Sons: 1995]

### **Walt Disney Company**

“Disney Adventures Magazine” 3-D issues (July 1994, November 1993,  
November 1992) - 3-D separations, editorial and 3-D glasses  
“Disney Comics in 3-D” #1, 1992  
“Roger Rabbit in 3-D” #1, 1992  
“Rocketeer 3-D Comic,” 1991

Pre-show 3-D slides and images - “Captain EO” (Japan), April 1987

Pre-show stereophotography - “Magic Journeys,” March 1986

### **CMP Publications**

“VARBusiness” Magazine - 3-D issue  
April, 1989 - 3-D separations and 3-D glasses

### **RCA/Columbia Home Video**

Autostereoscopic lenticular point-of-purchase display to promote  
release of “Ghostbusters II” on VHS to video stores  
1989

### **National Geographic Society**

Stereoscopic consultant for book “You Won’t Believe Your Eyes”  
1987

### Selected Museum Exhibitions

#### **Tilt Gallery** (Phoenix, Arizona)

“Room With a View: Stereoscopic Views Past to Present”  
July 3 – July 17, 2009

#### **Spokane Falls Community College** (Spokane, Washington)

“Stereography: The Art of 3-D Comics”  
April 14 – May 14, 2009

#### **Black Maria Gallery** (Los Angeles, California)

“Discover 3-D” Group Show of Stereoscopic Art - Curator  
January 19 – February 16, 2008

#### **Black Maria Gallery** (Los Angeles, California)

“Hollywood Apocalypse: Nathanael West’s ‘Day of the Locust’” - Curator  
March 29 – April 19, 2008

**3D Center of Art and Photography** (Portland, Oregon)

“The History of 3D Comics” – Co-Curator  
July 19 – September 9, 2007

**3D Center of Art and Photography** (Portland, Oregon)

“Ray Zone, the King of 3D Comics” - Stereoscopic Art  
June 25 – July 25, 2004

**Pacific Science Center** (Seattle, Washington)

“Adventures in 3 Dimensions” - Stereoscopic Consultation and 3-D Art  
September 30, 2000 - May 6, 2001

**Tokyo Metropolitan Museum of Photography** (Tokyo, Japan)

“Optical Illusions and Magic Shadows” - Stereoscopic Art  
January 21, 1995 - September 24, 1995

**Fort Wayne Museum of Art** (Fort Wayne, Indiana)

"Seeing is Believing" - 3-D Art and 3-D Slide lecture  
October -November, 1986

### Awards

**First Place Award** (Stereo Club of Southern California)

“Slow Glass” – Fifth 3-D Movie/Video Contest  
2007

**Grammy Award** (National Academy of Recording Arts & Sciences, Inc.)

“Best Recording Package” – Tool “10,000 Days” 3-D CD  
2006

**2005 NSA Award** (National Stereoscopic Association)

“For Best *Stereo World* Article on Modern Stereoscapy”  
2005

**William C. Darrah Fellow Award** (National Stereoscopic Association)

“For Distinguished Scholarship and Extraordinary Knowledge of Stereoscapy”  
2000

**“OZZIE” - Gold Award Of Excellence**

“Best Cover” - Trade (Under 100,000 Circulation)  
VARBusiness, April 1989, Special 3-D Issue

**INKPOT Award** (San Diego Comic Convention)

“For Outstanding Achievement in Comic Arts”  
1987

**The American Comic Book Awards** (Atlanta Fantasy Fair)

“In Recognition of His Special Achievement in the Field of 3-D Comics”  
July 25, 1986