

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 150 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

Books

3-D Revolution: The History of Modern Stereoscopic Cinema

University Press of Kentucky: 2012

3-DIY: Stereoscopic Moviemaking on an Indie Budget

Focal Press: 2012

3D Cinema and Television Technology: The First 100 Years (chapter introductions)

SMPTE: 2011

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

Chef Johnny Zone Presents: Flash-Fried Brussels Sprouts

Writer/Director/Producer

YouTube 3D video (3-DIY Channel)
2012

Night of the Living Dead 3D 2: Reanimated

Actor
3-D Feature Film (Lux Digital Pictures)
2011

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

20th 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

3DIY: Toolsets for Independent 3D Filmmaking

SMPTE Technology Summit (NAB)
Panel Moderator
April 15, 2012

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 - 2012

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:

Variety

“Arthouses debate 3D conversion”

January 11, 2012 (CES Daily Spotlight: Variety Entertainment Summit)

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 2012

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)

"Detour to Midnight: Shooting Three Dimensions in the Dark Country"
July/August 2010

"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 - 2012

“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)

Arclight Productions

“Digital Darkroom: The Art of 3D” – Anaglyph conversions/interview subject
December 2011

Redbull Records/The Faktion LLC

“Not Your Fault” AWOLNation 3D music video – 3D consultation
November 2011

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

The Transformers: Spotlight Optimus Prime -3-D separations/3-D glasses
November 2008

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

2011 NSA Award (National Stereoscopic Association)
“For Best *Stereo World* Article on Modern Stereoscopy”
2011

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 Stereoscopy”
2005

William C. Darrah Fellow Award (National Stereoscopic Association)
“For Distinguished Scholarship and Extraordinary Knowledge of Stereoscopy”
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