

7/5/20

Graduate College

Supercomputing Applications & Research & Development

Donna J. Cox Papers, 1969 - 2020

Box 1:

Early Digital Art and Art of Data Visualization

Early Research, 1988, 2006, 2009

Articles on NCSA, Donna Cox, and Computer Visualization, and *Visualization in Scientific Computing* Volume 21 Number 6, 1987-1989

Art/Design, 2001-2002

Card with the image of an astrophysical explosion created by Donna J. Cox and Charles R. Evans III, n.d.

NSFNET Visualization/Network Visualization

Storyboard First Visualization of the Internet by Donna Cox

NSFNET, 1988

Grand Challenges 1992: High Performance Computing and Communications The FY 1992 U.S. Research and Development Program, 1992

Information Week August 3, 1992

NSFNET: Bringing the World of Ideas Together brochure, 1992

Online: The Magazine of Online Information Systems, Volume 16 - Number 4, July 1992

Grand Challenges 1993: High Performance Computing and Communications The FY 1993 U.S. Research and Development Program, 1993

Business Card and *Computer Science & Artificial Intelligence* Spring 1993 booklet, 1993
Time Magazine, December 6, 1993

Excerpts from *Fortune*, Vol. 128 No. 15, December 13, 1993

PM – Peter Moosleitners Interesting Magazine Vol. 6, 20 May 1994 (German), 1994

Access, Vol. 8 No. 2, Summer 1994

NSFNET CAVE, 1994

Covert Action Quarterly, Number 52, Spring 1995

Cox and Patterson 1996 Extras USA - Networking Image Historic NSFNET Slide Set, 1996

NSFNET: A Partnership for High-Speed Networking Final Report 1987- 1995, ca 1996
Newsweek, May 6, 1996

R&D Research & Development Telecom Research, Vol. 38 No. 9, August 1996

Popular Science, September 1996

4th Annual Living Surfaces Conference Design for the Internet, 1996

GEO No 159, April 2000 (Spanish), 2000

Excerpt from *Atlas of Cyberspace* by Martin Dodge & Rob Kitchin, 2001

ADBUSTERS Journal of the Mental Environment, MAR/APR 2002 No. 40 and a Letter to Robert from ADBUSTERS, 2002

European Photography Art Magazine, Number 72 Volume 23 Issue 2, Winter 2002/2003

Minotaure No. 5 March - April 2004 (French), 2004

Science, Vol 313 August 4, 2006 Copy of Page 604, 2006

SIGGRAPH (Special Interest Group on Computer Graphics and Interactive Techniques)

VHS Tapes Relating to SIGGRAPH

NCSA Scientific Visualization "Sci-Vis" SIGGRAPH '87 VHS Tape, 1987
NCSA Visualization Compilation SIGGRAPH '87 and '88, Yellowstone (SIG '90), and SMOP (SIG '90)
ACM SIGGRAPH '88 Exhibition of Computer Art Catalog of Interactive Installations and Video, 1988
SIGGRAPH Video Preview Issue 61 and 62 Supercomputing '90 Visualization Theater with Pieces from SIGGRAPH '90, 1990
Computer Graphics Conference Proceedings Annual Conference Series SIGGRAPH 98 VHS Tape, 1998
Computer Graphics Conference Proceedings Annual Conference Series 1999 SIGGRAPH 99 VHS Tape, 1999
Computer Graphics Conference Proceedings Annual Conference Series 2000 SIGGRAPH 2000 VHS Tape, 2000
Computer Graphics Conference Proceedings Annual Conference Series SIGGRAPH 2001 VHS Tape, 2001
Duncan Scott Prod., "Siggraph Update" Offline Edit VHS Tape, 1991
Duncan Scott Prod Siggraph Overview VHS Tape, ca 1991
ACM SIGGRAPH 86 Art Show Catalog, 1986
Cox Slide #60 Art Slide Set SIGGRAPH '87, 1987
SIGGRAPH '87 Course No. 27 Computer Graphics and the Sciences, 1987
Teaching Computer Graphics An Interdisciplinary Approach (Binder), 1987
Visualization in Scientific Computing, Volume 21 Number 6, November 1987, 1987

Box 2:

ACM SIGGRAPH 88 Collaboration in Computer Graphics Education, 1988
Scientific Images Stills from NCSA 1988 SIGGRAPH Demo Reel Slide Set, 1988
SIGGRAPH '88 Technical Slide Set, 1988
SIGGRAPH Video Review Special Issue 35 and Visualization/State of the Art Ad, 1988
Communications of the ACM Volume 32 Number 7 July 1989, 1989
Cox Slide #59 SIGGRAPH '89 Stereo Slide Set
Excerpt from *ACM SIGGRAPH '89 Computer Art in Context Supplemental Issue 1989*, 1989
Computer Graphics Vol. 24 No 1 January 1990 and Letter to Donna on Being on SIGGRAPH'S Board of Directors, 1990
SIGGRAPH '90 Panel Proceedings Special Issue, 1990
Graphic Con '91 Book on ACM SIGGRAPH Conference and Pin, 1991
SIGGRAPH '92 Final Program, 1992
Visual Proceedings SIGGRAPH '92, 1992
Computer Graphics Visual Proceedings Annual Conference Series, 1993
SIGGRAPH 94 Computer Graphics Proceedings CD-ROM and Course Notes CD-ROM, 1994
Visual Proceedings SIGGRAPH '94, 1994
VROOM '94 Orlando Slide Set, 1994
SIGGRAPH 95 Computer Graphics Proceedings CD-ROM and Course Notes CD-ROM, 1995

SIGGRAPH 96 Visual Proceedings CD-ROM, Computer Graphics Proceedings
CD-ROM and, 1996
Excerpt from *Visual Proceedings The Art and Interdisciplinary Programs of SIGGRAPH
96*, 1996
SIGGRAPH 97 Los Angeles Program and Buyer's Guide, 1997
SIGGRAPH97 Visual Proceedings CD-ROM, Computer Graphics Proceedings
CD-ROM, Course Notes CD-ROM, 1997
Computer Graphics Proceedings CD-ROM, 1998
Electronic Art and Animation Catalog SIGGRAPH '98, 1998
Electronic Art and Animation Catalog SIGGRAPH '98 CD, 1998
Excerpt from the *Program and Buyer's Guide SIGGRAPH '98*, 1998
SIGGRAPH 98 Electronic Theater, 1998
SIGGRAPH 98 Sigcard, 1998
SIGGRAPH99 Computer Graphics Conference Proceedings, Electronic Art and
Animation Catalog, Computer Graphics Conference Abstracts and Applications,
and Computer Graphics Conference Proceedings CD-ROM, 1999
Conference Abstracts and Applications, 2000
SIGGRAPH 2000 Electronic Art and Animation Catalog CD-ROM and Course Notes
CD-ROM, 2000
*SIGGRAPH 2000 The 27th International Conference on Computer Graphics and
Interactive Techniques Program & Buyer's Guide* and Information on Visualizing
the Cosmos: Smoke and Mirrors, 2000
SIGGRAPH 01-02, 2001, 2002, 2008
SIGGRAPH 2001 Computer Graphics Conference Proceedings, Conference Abstracts
and Applications, Electronic Art and Animation and Catalog, Conference
Proceedings CD-ROM, 2001
SIGGRAPH 2001 Electronic Art and Animation Catalog, 2001
*SIGGRAPH 2001 Explore Interaction and Digital Images Conference Abstracts and
Applications*, 2001
Computer Graphics World On the Edge, 2002
Intelli Badge, ca. 2002
SC202 Convention Information, 2002
SIGGRAPH 2002 Course Notes, Electronic Art and Animation and Catalog, ACM
Transactions and Graphics Proceedings, and Conference Abstracts and
Applications, 2002
SIGGRAPH 2003 San Diego Conference Select CD-ROM, 2003
SIGGRAPH 2004 Conference Select CD-ROM, 2004
SIGGRAPH 2004, 2004
SIGGRAPH 05. ETech Saturday March 24, 1990 stuff, 2004 - 2005
Computer Animation Festival SIGGRAPH 2005, 2005
Debbie Carrier - Siggraph conf., Los Angeles July 28 - Aug. 5, 2005

Box 3:

SIGGRAPH 2005 Program & Buyer's Guide, 2005
SIGGRAPH 2005 Conference Select CD-ROM, Preview CD-ROM, and Full Conference
DVD-ROM, 2005

SIGGRAPH 2005 Program and Buyer's Guide and Special Issue Magazine, 2005
SIGGRAPH 2006 Conference Select CD, 2006
SIGGRAPH 2006 Full Conference DVD, 2006
Excerpt from *SIGGRAPH 2007 Electronic Art and Animation Catalog*, 2007
SIGGRAPH 2007 Festival Guide, 2007
Full Conference DVD-ROM ACM SIGGRAPH, 2008
SIGGRAPH 2008 Computer Animation Festival Jury and Committee Information, 2008
Full Conference SIGGRAPH 2009 Exhibit 4-6 August 2009 DVD, 2009
SIGGRAPH 2019 Keynote Address and 2 other Presentations, 2019

Speaking Opportunities and Related Materials

EDUCOM '90 Preparing for the Renaissance Advance Program, 1990
Excerpt from DECA '91 Newcastle 'Challenges in Design' Conference Proceedings, 1991
The National Library of Medicine and the Medical Library Association's Joseph Leiter
Lecturer Certificate, 1992
Data Visualization Preliminary Program: Previewing the Future: Applying Visualization
Tools to Problem Solving, Flyer, Programs, Brochure, 1997
Cox Speaking Engagement, 2000, 2007, 2008, 2010, 2017, 2018, 2019
IGRID Part 1 of 2, 2002
IGRID 2005 2002 (IGRID Part 2 of 2), 2002, 2005
Inspiration of Astronomical Phenomena The Fifth International Conference on the
Inspiration of Astronomical Phenomena, 2005
Chicago Ideas Week, 2012
COX KEYNOTE VIS Symposium Conference Keynote 2015 Keynote IEEE Vis, 2015
SXSW, 2015
IMERSA Summit 2017 We are the Immersive Experience, 2017
Chicago Humanities Festival Speaker, 2018
New Media Futures BOOK School Art Institute Opening, 2018
Performance and Keynote Richardson Symphony Orchestra, 2019

Cosmic Voyage

Cosmic Voyage: A Portrait of The Universe, Sponsor Information, 1992
IMAX, 1992 - 1993
Princeton Summers (Ostriker) *Cosmic Voyage*, 1994 - 1995
Storyboards & Timings, 1994 - 1995
Cosmic Voyage, Part 1 of 3, 1995
Cosmic Voyage, Part 2 of 3, 1994 - 1996
Cosmic Voyage, Part 3 of 3, 1993 - 1994, 1996, 2009
#2 Notebook, 1995
#3 Notebook, 1995
NCSA Donna Cox IMAX Slide Dupes, 1994
Cosmic Voyage opening dates, On Exhibit IMAX Voyage of Cosmic Proportions article,
IMAX Handout on *Cosmic Voyage*, ca. 1996
Cosmic Voyage Team Information, Notes and Facts about *Cosmic Voyage* and Photos
relating to the Movie, ca 1996
Cosmic Voyage: A Travel Guide for Educators, ca. 1996
Correspondence and Reprints Concerning *Cosmic Voyage*, 1996
NCSA Access, Vol. 10 No. 2 Summer 1996 Take a *Cosmic Voyage*, 1996

SIGGRAPH IMAX *Cosmic Voyage*, 1996
Cosmic Voyage Special Screening Info Sheet, 1997
Information on *Cosmic Voyage*, Pictures, Slides, ca. 1997

Box 4:

VHS, Betacam, and other Audiovisual Media

(1) Colliding Galaxies (2) Large Scale Structure of the Universe (3) Remote
Virtual Collaborative Master Dub VHS Tape
CAVE *Cosmic Voyage* Sequence of shots Footage NCSA Virtual Eve VHS Tape
Cosmic Voyage Marble, Big Bang TESTS VHS Tape
Cosmic Voyage Segment Paramecium Ball Test VHS Tape
MARBLE DAILIES A-29 pauses in between Rolls A-30 VHS Tape
Pixar Demo Reel Dub
Cosmic Voyage Colliding Galaxies Test Video 9/14/93 (Old Cos Voyage) VHS
Tape, 1993
1-24-95 Santa Cruz 1st DATA SET, 1995
Cosmic Voyage Galaxy Test #1 1/27/95 VHS Tape, 1995
Santa Barbara Studios Animatic Sequence 5 Animatoc Take 2 6-1 Animatic 1
Cosmic Voyage 2-27-95 VHS Tape, 1995
Harrison-Zeldovich test 1 Greg Bryan 3/3/95 300 frames VHS Tape, 1995
Pixar Test & G. Bryan Tests 3/7/95 thru 5/5/95 Harrison - Zeldovich VHS-no
audio, 1995
Cosmic Voyage IMAX NCSA/Pixar Segment Animatic 1.1 3/16/95 VHS Tape,
1995
Santa Barbara Studios *Cosmic Voyage* Galaxy Sequence Update 4/5/95 VHS
Tape, 1995
PIXAR HZ Test June 1 '95 VHS Tape, 1995
NCSA/PIXAR test Summers June 2 '95 VHS Tape, 1995
Motion Tests Summer TESTS June 8 '95 VHS Tape, 1995
Cosmic Voyage HZ Test 6/12/95 VHS Tape, 1995
Cosmic Voyage Condensing & Colliding Galaxies Lat Aug 5 '95 VHS Tape, 1995
Red & Blue galaxy test Sept 12, 1995 NCSA Approval Shot 1&2 1995
Cosmic HZ Test 10/11/95 VHS Tape, 1995
Series of Core Shots 10-13-95 VHS Tape, 1995
Nov 13 '95 Scientific Advisory Meeting VHS Tape, 1995
Dec 12, 1995 FermiLab live action marble transition shot to PIXAR Beginning of
Universe VHS Tape, 1995
(1) Cosmic V. Test Video (2) lots of Mihos Scratch (3) CNN CACE vRoom 94 (4)
mosaic CCNet VHS Tape, ca. 1996
Cosmic Voyage 1996 Jury Version VHS Tape, 1996
COSMIC HZ Sequence Test 5 1/3/1996 VHS Tape, 1996
Cosmic Voyage Avid Cut 2/6/96
Cosmic Voyage Rough Cut 2/22/96 VHS Tape, 1996

Box 5:

COSMIC VOYAGE 3/15/96 - Rough Cut VHS Tape, 1996
TAPE #1 March 25, 1996 68th Academy Awards Donna Does the Academy
Siggraph '96 Jury *Cosmic Voyage* Version Summer & Mihos voiceover Apr 23,
'96 3 min 35 sec VHS Tape, 1996
2 Copies of *Cosmic Voyage* Electronic Press Kit Length: 10:42 June 28, 1996
(featurette with supers) VHS Tapes, 1996
IMAX *Cosmic Voyage* VHS Tape ca. 1997
Review of *Cosmic Voyage* and Interview with Donna Cox WDJT-TV VHS Tape,
1997
June 11, 1998 Science Advisory Meeting VHS Tape, 1998
Cosmic Voyage: Colliding Galaxies test video NHK: Galactic Odyssey
NCSA/HAYDEN SIGGRAPH 00 - May VHS Tape, ca 2000
Cosmic Voyage Test Film Positive

Planetariums, Museums, and Exhibitions

Hayden Planetarium

Big Bang Revised 5/16/2001 VHS Tape, 2001
Hayden *Big Bang* Theater Maya Angelou VHS Tape
Hayden 2, 1998, 1999, 2001
Hayden testing Dome Oct Nov, 1999, 2000
Big Bang Hayden, 2001
HD Smokey HaydenN, 2001
American Museum of Natural History General Terms and Conditions, 2002

Adler Planetarium

Adler 3, 2001, 2005-2008
Adler Part 1, 2010, 2011
Primack Dark Matter and Adler Notes, 2011
Adler 2010-2011. 2010,2011
Notes and Collaborative Agreement Between UIUC's NCSA and the Adler
Planetarium, 2011
Adler, 2011, 2012, 2013

Denver Museum

Dynamic Earth Denver Museum of Nature and Science, 2006, 2007
Dynamic Earth Project/Climate Change, 2006,2007, 2009
Dynamic Earth, 2009, 2010
National Center for Atmospheric Research (NCAR)/University Corporation for
Atmospheric Research (UCAR), 2009

Exhibitions, 1983

Computer Art Exhibition and Symposium Materials, 1985
Daydreams to Bitstreams, 1989
Materials Relating to Donna's Selection as a Modern-day Leonardo da Vinci, 2006
National Academy Science, 2007
Speculative Data and the Creative Imaginary Exhibit Book, Letter, and Announcements,
2007
Chicago Museum of Science and Industry (MSI), 2006, 2008, 2009

Box 6:

Spurlock Seals Project, 2009
Information and Materials Relating to the Once and Future Web Exhibit, 2010
CAL. ACADEMY: Items Concerning the Relationship and Collaborations Between
NCSA and CAS , 2008, 2009, 2014
CAL. ACADEMY: Note, ca. 2010
CAL. ACADEMY: Calif. Academy Science 2010, 2010
Atlas of a Changing Earth full dome Show, 2018 - 2020

Virtual Director

Virtual Director Slide Set
Virtual Proceedings, 1994
Iris Universe The Magazine of Visual Computing, Spring 1996, 1996
Research & Creative Activity Information Technology, Volume XXII Number 2, Spring
1996, 1996
Virtual Director Testing, 1996, 1998, 1999, 2001, 2002, 2003
Notes, Directions, Email Correspondences, and Reprints about Virtual Director,
1998
VirDir tutorial & Doc Part 1 of 2 1998, 1999, 2003
VirDir tutorial & Doc Part 2 of 2 1998, 1999, 2003
VIRDIR testing, 1999
Access, Vol.13 No. 1 Spring 2000, 2000
VirDir Notebook, 2000
ViRDiR Testing (VirDir Test Part 1 of 4), 2001 - 2004
ViRDiR Doc (VirDir Test Part 2 of 4), 2000 - 2002
VirDir GRANT NSF (VirDir Test Part 3 of 4), 1995, 1998
VIR DIR Licensing (VirDir Test Part 4 of 4), 2003

The Centrality of Advanced Digitally ENabled Science (CADENS)

CADENS: Bringing Science to the Public Handout
NSF Supplemental for XSEDE & Blue Waters, 2007, 2012 - 2015
CADENS Reports, 2013-2015
CADENS (Part 1 of 2), 2014 - 2017, 2019
CADENS (Part 2 of 2), 2013 - 2015, 2017
Tornadoes, 2015
DES / LSST 2015, 2016
CADENS 2, 2016 2017

Hubble 3D

Hubble 3D
Hubble 3D IMAX Film
Hubble 3D IMAX, 2009, 2010
Hubble 3D IMAX Collaborative Agreements, 2009, 2010
Hubble 3D IMAX Orion Information, Scripts, and Correspondences, 2009, 2010
Correspondence, Schedule, and *Hubble 3D* Premiere and Reception Materials, 2010

Box 7:

Access, Vol 23 No 3 Fall 2010 and Duplicate of Page 14, 2010
Copy of Page 9 of May/June 2010 Issue of *Illinois Alumni*, ca. 2010
Black Holes: The Other Side of Infinity

2 Extra Scientific SEIDEL Black Holes, Black Hole Photo 8 1426 38 Photo Slide Set
Denver Museum of Nature and Science (DMNS Part 1 of 2), 2000, 2004
Black Holes: DMNS (DMNS Part 2 of 2), 2006
Black Hole Dome Tests, 2004, 2005
Denver Museum of Nature & Science, *Black Holes: The Other Side of Infinity* Museum
Exhibit and CD, ca. 2005
Black Holes Contract 2, 2005, 2006
Black Holes, 2006, 2008
Lucas - Nat Geo & Speculation (Geo Black Hole Part 1 of 3), 2007, 2008
Black Hole Contract (Geo Black Hole Part 2 of 3), 2005
Black Holes (Geo Black Hole Part 3 of 3), 2004, 2005
Planetarian Journal of the International Planetarium Society, Vol. 37, No. 4 December
2008, 2008
Planetarian Journal of the International Planetarium Society, Vol.43, No.1 March 2014,
2014
Planetarian Journal of the International Planetarium Society, Vol. 44, No. 2 June 2015,
2015

The Tree of Life

TOL Shot Notes + Double Neg, 2006 - 2009, 2013
Feature Film Sarah Green Blue Bonnet, 2006, 2009 [RESTRICTED UNTIL 2029]
TOL Agreement, 2009, 2010
Access, Vol. 24 No 2 Summer 2011, 2011
Access, Vol. 25 No 1 Spring 2012, 2012
Note, The News Gazette April 7, 2012 Page B3, magazine on the 14th Annual Roger
Ebert's Film Festival, 2012

A Beautiful Planet

IMAX 2014, 2014, 2015
IMAX *A Beautiful Planet*, 2015, 2016, 2017

NCSA Initiatives and Projects

Immersive Virtual Environments VHS Tape
NCSA Mosaic Demo Tape Version 1.0 VHS Tape
NCSA RealTime #2 June 1991 VHS Tape, 1991
NCSA Visualization Compilation for Donna Cox VHS Tape, 1991
Tape 6 4 Knowledge Navigator 5" Broadcast Videocassette
Bob Wilhelmson Visualization Compilation CD
Mosaic disk
CNN Opener LANDRETH Slide Set
Important Historical Sci Vis Save Cox
People COX SMARR Loots
People CRAYI + other; NCSA Supercomputer Slide Set
SMARR & Computer Photo Slides
Photograph, Articles, Copies of Emails, Letters, Budget information, Phi Kappa Phi
information, Curriculum Vita, 1981, 1984, 1985, 2010
Institute Name Suggestions and *si News* Letter* Summer 1985, 1985, 2008
Buildings | People beckman & REL \approx 1988 x 1990 1989 Thunderstorm Slide Set,
1988-1990

Cox, Patterson SMARR Wheless VR collAB NCSA 1999 Slide Set, 1999
Mosaic Shorts Early Mosaic (Photo 9), ca. 1999

Box 8:

Skunk Works, 2002
Cyberinfrastructure in Support of Research: A New Imperative for the period October 1,
2004 - September 30, 2007, 2004
Institute Seedbed, 2005 - 2008
NCSA 2020 - 2009 COX BUDGETS, 2005 - 2009
NCSA Annual Report, 2005
PHSColgram Proposal (art)n, 2005
HD Stereo Theatre Handout, ca. 2006
Hubble Stats Email; Items Relating to the Tao of Bach Dance; Flyer on Gratitude
Workshop; 2010, 2011, 2012
Jerry Fiddler Endowment → eDream (Fiddler Part 1 of 2), 2011, 2012, 2014, 2016, 2017
Jerry Fiddler (Fiddler Part 2 of 2), 2010, 2014
Fiddler Proposal, 2011, 2017
The Demo Part 1 of 2, 2013, 2014
The Demo Performance Part 2 of 2, 2012, 2013
Blue Waters Sustained Petascale in Action: Enabling Transformative Research Annual
Report, 2014
NCSA 30th Anniversary Coloring Book, ca. 2015

eDREAM

eDREAM Reception, Creative Projects, Budgets, and Notes, 2007 - 2009, 2012, 2013
Informatics PhD Arts, 2007, 2008, 2009
Leadership Class Scientific and Engineering Computing: Breaking Through the Limits A
Leadership Plan for the Next Decade 2007 - 2016, 2007 [**RESTRICTED UNTIL
2027**]
eDream (GRANTS Part 1 of 2), 2008, 2010, 2011, 2013,
GRANTS eDream (GRANTS Part 2 of 2), ca. 2011
eDream Institute, 2008, 2009, 2011, 2013, 2014
eDREAM Materials, 2008, 2009, ca. 2011
NCSA and Art Institute Budget Information, 2008
A New Imperative Cyberinfrastructure in Support of Research NCSA Final Report, 2009
eDream + Cox Citations Reviews (part 1 of 2), 2009 - 2012, 2015
eDream + Cox Citations Reviews (part 2 of 2), 2009 - 2012, 2015
eDream - $I^{(3)}$ PhD, 2009 - 2011, 2013
eDream Docs (eDream Part 1 of 2), 2009, 2010
KCPA notes (eDream Part 2 of 2), 1999, 2001, 2002, 2004

Services and Support

The Nature of Things with David Suzuki VHS Tape, 1991
Excerpt from *Der Prix ars Electronica Internationales Compendium der Computerkünste*
and Letter, 1991
Applications on the Leading Edge Fourth Annual Pacific Northwest Computer Graphics
Conference, 1985

IBM Research Center Lecture Series on Computer Graphics schedule and SineVision workshop schedule (IBM Part 1 of 4), 1987, 1988, 2008
Copies of Articles, Newspaper Clippings, Brochure (IBM Part 2 of 4), 2009, 2010
Art by Steve Gray sent to Donna Cox from Professor George Francis (IBM Part 3 of 4), 1985
Materials Relating to the Museum of Science and Industry's Leonardo da Vinci Exhibit (IBM Part 4 of 4), 2006
Storyboards two galaxies collide and merge, first visualization of the internet (Binder), 1992
NOVA Storm, 1995, 1998, 2002, 2003, 2004, 2006

Box 9:

Modeling and Simulation Linking Entertainment and Defense and Book Order Form, 1997
Contacts: Mapping and Floppy Disks and Runaway Universe Part 1 of 2, 1998, 1999, 2001, 2006
Runaway Universe Part 2 of 2, 2001, 2002
Biennale of Electronic Arts Perth (BEAP) Invitation, 2002
Lucas Mapp Notes Part 1 of 2: Tully Mapping Universe, 1998 - 2000, 2002
Lucas Mapp Notes Part 2 of 2, 1999, 2000
Hayden, 1999
Tully/Friedan What's up in Universe, 1999
Rose Center for Earth and Science Preview Reception Invite, Magazine, Biographies, Visitor Information, Contractor and Consultants List, Information on Architects, Credits, Media Releases, 2000
Unfolding - Lucas (Unfolding Part 1 of 3), 2000-2002
Unfolding - Lucas (Unfolding Part 2 of 3), 2000-2002
Diagrams, Reprints, Unfolding Production Timeline, and Email Printout (Unfolding Part 3 of 3), 1999, 2001
Beyond Human Student CD, 2001
NKH, 2001, 2002
Nomadische grenzüberschreitungen (Nach)denken Über Kunst Nomatic Transitions Thinking About Art and Schedule, 2003
Mikel Rouse, 2004
Non-Interactive Media (NSF Visualization Contest Entries Part 1 of 5), ca. 2004
Interactive Media (NSF Visualization Contest Entries Part 2 of 5), ca. 2004
Illustration (NSF Visualization Contest Entries Part 3 of 5), ca. 2004
Informational Graphics (NSF Visualization Contest Entries Part 4 of 5), ca. 2004
Photograph (NSF Visualization Contest Entries Part 5 of 5), ca. 2004
LOOKING (Looking Part 1 of 4), 2004 - 2007
LOOKING Renon (Looking Part 2 of 4), 2006, 2007
ORION (Looking Part 3 of 4), ca. 2005
LOOKING July 06 (Looking Part 4 of 4), 2005, 2006
Domefest '05, 2005
Image and Meaning, 2005 - 2007
Space Telescope Science Institute, 2006, 2007

TERA Grid Interviews, 2006
GODDARD NASA, 2007 - 2009
Mailing Receipt from Amanda Lee at IMAX to Donna Cox, 2009
Morrill Act Video, 2009
2013 Helio Show Lucas (Helio Part 1 of 2), 2010
Helio Lucas (Helio Part 2 of 2), 2013
SPACE JUNK IMAX MOVIE, 2010, 2011
ICHASS, 2012, 2013
Tao of Bach, 2012
Solar Superstorms, 2014, 2015
Solar SS, 2016
Birth of Planet Earth, 2015, 2019
Discovery Partners Inst., 2018, 2019

Materials Related to Teaching

ArtGD 332 1998-1999 CD, 1998
ArtGD 332 Fall '98 CD. 1998
ArtGD 333 Spring '99 CD, 1999
ArtGD 332 Fall '99 CD, 1999
Crit ArtGD 333 Spring 99 CD, 1999
ArtGD 333 Spring 99 CD, 1999

Box 10:

ArtGD 332 Fall '98 CD, 1998
ArtGD 333 Spring '00 CD, 2000
ArtGD 332/333 Spring '99 Fall '99 CD, 1999, 2000
ART GD 333 - Spring 2000 CD, 2000
Supercomputer Information and the Scientific Computing Environment, 1988
Access Magazine July-August 1991 vol.5, no.4 Women in Science SuperQuest 1991
Winner, 1991
Independent Students 2009, 2009
PhD Student Lee (Research Part 1 of 3), 2013, 2016, 2017
Gordon 07 Research Conf. (Research Part 2 of 3), 2007
Optiputer (Research Part 3 of 3), 2004, 2005, 2007

Awards and Recognitions

In Celebration of Academic Excellence Program, 1989
Letters Relating to Vice President Al Gore's September 15 Press Conference and a Signed
Picture of Al Gore, 1989
Photographs of Donna Cox, ca 1989
1991 NZCS Computer Challenge Donna Cox, Inquisitor, 1991
Certificate of Active Membership to The New York Academy of Sciences, 1992
Letter to Donna Cox, Bob Patterson, and Vince Jurgens from the White House, 1993
Certificate of Excellence to Donna Cox for Outstanding Contribution to NCSA, 2008
Investiture of Donna J. Cox as the Michael Aiken Endowed Chair, 2008
Certificate of Recognition to Donna Cox for Being a Woman of Wonder, 2019

Publications

Public Mentions

Articles, Flyers, and a booklet on or relating to Donna Cox, 1984, 1987, 1988
National Research Council News Report Volume XXXVII Number 10 November
1988, 1988
Museum & Arts Washington Magazine September/October 1989 and Letter to
Cox from Anne E. Ambramson 1989, 1989
Electronic Immersions 4 Generations of Illinois Artists, Exhibiting Artist
Information, and Press Release, 1997
Screen Magazine Vol. , No. 9, 2000
Legends, Then and Now University of Illinois Annual Report and Letter, 2001
Beyond Productivity Information Technology, Innovation, and Creativity, 2003
Leonardo Special Issue Volume 52, Number 4, 2019, 2019

Interviews

Radio Interviews with Donna Cox Thursday, June 5, 1997 Cassette Tape, 1997
American Scientist, September-October 2005 and Letter to Cox from Rosalind
Reid, 2005
Planetarian Journal of the International Planetarium Society Vol. 44, No.1
March 2015 Page 12 Section Reprint, 2015

Written by Donna

Cox publication she set typography & printed for her MFA Show (Cox Article
Part 1 of 2), 1985
Flyer, Newsletter, Journal and Newspaper Articles (Cox Article Part 2 of 2), 1984,
1985
*Spatial and Temporal Dynamics of Animals and the Host-Density Threshold in
Epizootiology* by David W. Onstad, Joseph V. Maddox, Donna J. Cox and
Edward A. Kornkven, 1990
Excerpt from *Proceedings of The 12th New Zealand Computer Conference*, 1991
Excerpt from *The Visual Mind Art and Mathematics* edited by Michele Emmer,
1993
Data Basing the BRAIN BOOK CHAPTER, 2002, 2003
Portfolio Design Third Edition by Harold Linton Foreword by Cesar Pelli with
New Chapters on Digital Portfolios and Letters from Harold Linton, 2003
Technoetic Arts A Journal of Speculative Research 2.2, 2004
Women, Art, and Technology Edited by Judy Malloy Excerpt, 2003
Chapter 8 from *Databasing the Brain From Data to Knowledge* Edited by
Stephen H. Koslow and Shankar Subramaniam, 2005
Dissertation, 2007, 2008
*Astral Projection: Theories of Metaphor, Philosophies of Science, and the Art of
Scientific Visualization* by Donna J. Cox, Ph.D., 2008
New Media Futures Book Project Feminism (Cox Book Project Part 1 of 2), 2011,
2016, 2017
Book Cox Sandor Fron (Cox Book Project Part 2 of 2), 2011, 2016, 2017
Summer 2014 Women's Book, 2014
New Media Futures: The Rise of Women in the Digital Arts Postcard, ca. 2018
Music by Computers Edited by Heinz Von Foerster and James W. Beauchamp, 1969
Technology in Art, An Invite to Technology in Art Exhibit at the Sheraton Gallery,
Handout on Exhibit, 1985, 1986

Proceedings 7th Symposium on Small Computers in the Arts, 1987
Time Magazine May 18, 1987, 1987
IEEE Computer Graphics and Applications Magazine November 1988, 1988
Leonardo Volume 21 Number 3 1988, and Copy of "Using the Supercomputer to Visualize Higher Dimensions" Article, 1988
Phscolograms by (Art)ⁿ S120, 1988
 Reprint of *Computer Graphics* Volume 22 Number 5 October 1988, 1988
Simulation Volume 51: Number 5 November 1988, 1988
 #75 *Chronicle of Higher Educ* 10 (1988 Part 1 of 2), 1989, 1995
 1988 Simulations + Dissimulations Art Institute Chicago (1988 Part 2 of 2), 1987
Computer 1989 *Scientific Visualization Bringing data into Focus* August, 1989
Computer Graphics FOCUS: A Forward-Looking Retrospective Volume 32 Number 1, 1989
 Excerpt from *World Graphic Design Now Computer Graphics*, 1989
IlliniWeek October 12, 1989 Page 9, 1989
 Letter to Cox from Cindy Brunk Macmillan Publishing Company and Excerpt from *Introduction to Computers and Information Systems Second Edition*, 1989
National Geographic Vol. 175, No. 6 *The March Toward Extinction*, 1989
The Arts & Technology II Gallery Exhibitors, 1989
 Excerpt from *The Arts & Technology II: A Symposium Proceedings*, 1989
The Eye of Horus: Itineraries in the Mathematical Imagination (Italian), 1989
The Universe Within (Japanese) Book and Letter, ca 1989
Ausgraph 90 Proceedings, 1990
EDUCOM Review Vol 25 Number 4 Winter 1990, 1990
 Excerpt from *Art Futura 91*, 1991
Discover Special Issue Women in Science December 1991, 1991
Interactive Learning Through Visualization by S. Cunningham and R.J Hubbold (Eds.) and A Letter to Donna about the Book's Release, 1992

Box 11:

Leonardo Special Issue Visual Mathematics Volume 25 Number 3 and 4 1992, 1992
 Cover of *The Network Nation Revised Edition* by Starr Roxanne Hiltz, Murray Turoff, with Foreword by Suzanne Keller, 1993
 Excerpt from *Visual Cues Practical Data Visualization* by Peter R. Keller and Mary M. Keller and Letter from IEEE Computer Society Press to Donna Cox, 1993
Time December 6, 1993, 1993
Access Vol. 9 No. 1 Spring 1995, 1995
Access Vol. 9 No. 3 Fall 1995, 1995
 Excerpt from *Scientific Visualization in Mathematics and Science Teaching*, 1995
 Letters on *Algebra 2 Explorations and Applications* and Excerpt from Book, 1995 - 1997
Cinescape Special X-Files Issue August 1996, 1996
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Box 12:

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Box 13:

Awards

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Box 14:

SIGGRAPH 93 Plaque and Letter to Donna Cox Concerning Panels, 1993

ACM SIGGRAPH Plaque Concerning Donna J. Cox's Election into the SIGGRAPH Academy, 2019

Box 15:

ACM/SIGGRAPH Award for Serving on the Executive Committee as SIGGRAPH Director at Large 1988-1992, ca. 1992

Box 16:

Best Movie IPS Full Dome Festival BRNO Award, 2016

Blue Waters Universal Instrument for Science, Access 10 Disc NCSA, Imagining without Boundaries Memorabilia Paperweights, Business Card, Handouts, 2010

Box 17:

Emory University School of Medicine Department of Radiology and Imaging Science 35th Annual Heinz S. Weens Memorial Lecturer, 2019

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Box 18:

The Michael Aiken Endowed Chair College of Fine Arts and Applied Arts, 2008

GISday Keynote Speaker Gift, 2018

Box 19:

TEDx UIUC Donna Cox Speaker Award, 2010

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Box 20:

AVA Venus & Miro Glass Award (Japanese), 1990

Box 21:

Access '10 DISC CNIC Memorabilia Paperweight

Internet 2 Application Strategy Council Appreciation Award

Box 22:

NCSA Access 11 VIVA Memorabilia Paperweight and Cleaning Instructions

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Box 23:

Parigraph '89 Grand Prix Visualisation NCSA Scientific Visualisation' 88 National Center For Supercomputing Applications Scientific Visualisations Programme Award

Box 24:

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Box 25:

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IMAX Hubble 3D Movie Poster, ca. 2010

IMAX Hubble 3D Movie Poster, ca. 2010

68th Annual Academy Award Signed by Donna Cox, 1996

Big Cosmic Voyage Poster