**Curriculum Vitae**

**Anna Ursyn**, PhD, is a professor and Computer Graphics/Digital Media Area Head at the School of Art and Design, University of Northern Colorado, USA.

She combines programming with software and printmaking media, to unify computer generated and painted images, and sculptures.

**Exhibitions**over 40 single juried and invitational art shows, participated in over 200 juried and invitational fine art exhibitions, such as: over a dozen times in ACM SIGGRAPH Art Galleries and traveling shows, including Louvre, Paris, Der Prix Ars Electronica Linz, Austria; Eurographics (Artistic Merit Award), Denver International Airport Show, Denver Capitol shows. Her work will be sent to the Moon in 2017 as a part of Carnegie Mellon’s MoonArk project.
Animations projected at the Victory Media Network, Dallas, TX, ISEAs, New York Digital Salons, 20th Century Matrix for NTT Museum, Tokyo, Japan (2000 images and 5000 texts describing 20th Century), Winner of BauBoden, Deutsche Bau-und Bodenbank AG, cover and 18 color plates, Computerkunst/Computer Art  Gladbeck, Germany + traveling shows.
Salon de la Culture et des Jeux Mathematiques, CIJM, University Pierre et Marie Curie, Paris, Honorable Mention; Art of the Animal, Australia (award), GRAPHITEs, Art of Photography Show San Diego, CA, M.I.A.D. Torento Argentina (Second Place) Common Ground  The Haun Tie Art Museum in Beijing, Immaginando , Digital Visions of Etruria, (Honorable Mention), Italy, Bridges Mathematical Art Galleries, Joint Mathemathics Meetings Art Galleries, and Generative Art galleries.
Anna published articles and had her artwork in books and journals. Research and pedagogy interests include integrated instruction in art, science, and computer art graphics. Since 1987, she serves as a Liaison, Organizing and Program Committee member of International IEEE Conferences on Information Visualization (iV) London, UK, and Computer Graphics, Imaging and Visualization Conferences (CGIV). Since 1997 she serves as Chair of the Symposium and Digital Art Gallery D-ART iV.

**Books published:**[**http://www.igi-global.com/search/?p=ursyn**](https://owa.unco.edu/owa/redir.aspx?SURL=HQtM3dykOm161Z-91ekX5QYQvhrTHPsSu-L5Igb4Pssj3pWiWWjTCGgAdAB0AHAAOgAvAC8AdwB3AHcALgBpAGcAaQAtAGcAbABvAGIAYQBsAC4AYwBvAG0ALwBzAGUAYQByAGMAaAAvAD8AcAA9AHUAcgBzAHkAbgA.&URL=http%3a%2f%2fwww.igi-global.com%2fsearch%2f%3fp%3dursyn)
Anna Ursyn (Editor) (2016). Knowledge Visualization and Visual Literacy in Science Education
Release Date: June, 2016. 400 pages. ISBN13: 9781522504801| ISBN10: 152250480X| EISBN13: 9781522504818| DOI: 10.4018/978-1-5225-0480-1
Anna Ursyn (Editor) (2015). Handbook of Research on Maximizing Cognitive Learning through Knowledge Visualization. 572 pages. ISBN13: 9781466681422  |ISBN10: 146668142X|EISBN13: 9781466681439|  DOI: 10.4018/978-1-4666-8142-2
Anna Ursyn (2014). Computational Solutions for Knowledge, Art, and Entertainment: Information Exchange Beyond Text. 511 pages. ISBN13: 9781466646278| ISBN10: 1466646276|EISBN13: 9781466646285| DOI: 10.4018/978-1-4666-4627-8
Anna Ursyn (2014). Perceptions of Knowledge Visualization: Explaining Concepts through Meaningful Images. 418pages. ISBN13: 9781466647039| ISBN10: 1466647035|EISBN13: 9781466647046| DOI: 10.4018/978-1-4666-4703-9
Anna Ursyn (Editor). (2012). Biologically-Inspired Computing for the Arts: Scientific Data through Graphics. 443 pages. ISBN13: 9781466609426| ISBN10: 1466609427|EISBN13: 9781466609433| DOI: 10.4018/978-1-4666-0942-6

**Book Chapters:**

- Advancing Pharmaceutical Processes and Tools for Improved Health Outcomes" , Tagelsir Mohamed Gasmelseid, chapter 9:" Mirroring Nature: Symmetrical and Crystalline Structures Derived from Natural Forms, IGI-Global 2016 ISBN 9781522502487, hardcover, and 9781522502494 ebook

- "Big Data Storage and Visualization Techniques" by Neha Gupta, Richard Segall, a chapter with Edoardo L'Astorina, Blue Frame, London, GB: " Visualization of Big Data Sets using Computer Graphics" 2017
- "Visualization as Communication with Graphic Representations," in "Encyclopedia of Information Science and Technology, 2nd and 3rd and 4th ed., Mehdi Khosrow-Pour, D.B.A. Editor-In-Chief
**-**[Aesthetic Expectations for Information Visualization](https://owa.unco.edu/owa/redir.aspx?SURL=DG1xeMkpCatErD8PtM-K-VKUG3Zxq5xrve4KvmdcHQIj3pWiWWjTCGgAdAB0AHAAOgAvAC8AdwB3AHcALgBpAGcAaQAtAGcAbABvAGIAYQBsAC4AYwBvAG0ALwBjAGgAYQBwAHQAZQByAC8AYQBlAHMAdABoAGUAdABpAGMALQBlAHgAcABlAGMAdABhAHQAaQBvAG4AcwAtAGkAbgBmAG8AcgBtAGEAdABpAG8AbgAtAHYAaQBzAHUAYQBsAGkAegBhAHQAaQBvAG4ALwA2ADQAMAA0ADMA&URL=http%3a%2f%2fwww.igi-global.com%2fchapter%2faesthetic-expectations-information-visualization%2f64043), Innovative Design and Creation of Visual Interfaces: Advancements and Trends, [Ben Falchuk](https://owa.unco.edu/owa/redir.aspx?SURL=h_2LZ93PTT4h4tQqu2qu3FL97w3HJ5vfTTf29uhAV6Uj3pWiWWjTCGgAdAB0AHAAOgAvAC8AdwB3AHcALgBpAGcAaQAtAGcAbABvAGIAYQBsAC4AYwBvAG0ALwBhAGYAZgBpAGwAaQBhAHQAZQAvAGIAZQBuAC0AZgBhAGwAYwBoAHUAawAvADEAOAAxADkALwA.&URL=http%3a%2f%2fwww.igi-global.com%2faffiliate%2fben-falchuk%2f1819%2f) (Applied Communication Sciences, USA) and[Adérito Fernandes-Marcos](https://owa.unco.edu/owa/redir.aspx?SURL=wJXSRfquV2b-G3x1F51zfo1pN5QL19KpsMZ0Hgd0NQEj3pWiWWjTCGgAdAB0AHAAOgAvAC8AdwB3AHcALgBpAGcAaQAtAGcAbABvAGIAYQBsAC4AYwBvAG0ALwBhAGYAZgBpAGwAaQBhAHQAZQAvAGEAZAByAGkAdABvAC0AZgBlAHIAbgBhAG4AZABlAHMALQBtAGEAcgBjAG8AcwAvADIAMwAwADIANAAzAC8A&URL=http%3a%2f%2fwww.igi-global.com%2faffiliate%2fadrito-fernandes-marcos%2f230243%2f) (Universidade Aberta, Portugal)
- A chapter “Digital Drawing, Graphic Storytelling and Visual Journalism“ in a book
- “Writing on Drawing: Essays on Drawing Practice and Research” Steve Garner, Ed., Intellect Books, The Mill, Bristol, the UK, and in the USA: Intellect Books, The University of Chicago Press,

**Video:**

Computational Solutions for Knowledge, Art, and Entertainment: Information Exchange Beyond Text, IGI-Global, February 2016, EISBN13: 9781466699472|DOI: 10.4018/978-1-4666-9947-2

**Published Artwork**- Computer Graphics Word, Featured CGW Artist, http://www.cgw.com/Gallery/2009/July-August-2009.aspx
- "Writing on Drawing - Essays on Drawing Practice and Research" edited by Steve Garner, Intellect Books, London, 2008
- Image used for the promotion of the DaSilva Ukulele Festival Uke Fest, Minden, Nevada 2008
- "Choreography: A Basic Approach Using Improvisation" by Sandra Cerny Minton, Human Kinetics Publishers, 3rd Edition, ISBN 13-978-0-7360-6476-7, 2007
- "Art of The Digital Age" by Bruce Wands, Thames & Hudson, ISBN: 0-500238170, 2006
- "Painting the Digital River" by James Faure Walker: Prentice Hall PT, ISBN: 0-131739026, 2006
- "Digital Printmaking" G. Whale & N. Barfield, A&C Black '2001, 2nd edition by Watson Guptil, ISBN 0-8230-1398-7, 2003
- "The Best of 3D Computer Graphics" CD by Vic Cherubini, Rockport Publishers, Inc. ISBN 1-56496-954-1, 2003
- P.I.E BOOKS, "New Postcard Graphics," Tokyo, Japan, ISBN 4-89444-128-4 C3070, 2000

**Professional Work**Research and pedagogy interests include integrated instruction in art, science, and computer art graphics.
Chair of the Symposium and Digital Art Gallery, D-ART iV 1997-now London; England, and Computer Graphics, Image & Visualization
Liaison, Organizing and Programme Committee member for iV and CGIV
Co–editor for the Proceedings of the iV, Int'l Conference on Information Visualization, IEEE (Institute of Electrical and Electronics Engineers) Computing Society Press, Los Alamitos, CA, 2004-now; Co–editor for the Proceedings of Visualisation in Built and Rural Environments Vis 2008-now, and CGIV Int'l Conf. on Comp. Graphics, Imaging Vision, China
Associate Editor, Int'l Journal of Creative Interfaces & Computer Graphics (IJCICG), IGI Global, www.igi-global.com/IJCICG, 2009-now
Associate Editor, Design Principles and Practices: An International Journal http://designprinciplesandpractices.com/journal/ http://ijg.cgpublisher.com
Keynote speaker and Online Art Gallery organizer for the Special Year on Art and Mathematics, University of Colorado at Boulder 2005
Keynote speaker for SERVE 2016, The 4th International Conference on Management and Technology of Knowledge, Jakarta, Indonesia.
Chair Animation, SPACE, Education Committee, ACM SIGGRAPH 09-11
Curator SPACE, Education Committee, ACM SIGGRAPH 2013-17

**Students' work / assignments published in**
Deborah Greh, "New Technologies in the Art Room" by, Davis Publications, Inc. ISBN 0-87192-463-3, 1999, ISBN 0-87192-611-3, 2002
Stephen Pite "The Digital Designer", Thomson, ISBN 0-7668-7347-1, 2003
The Best of 3D Computer Graphics" CD by Vic Cherubini, Rockport Publishers, Inc. ISBN 1-56496-954-1, 2003
Pamela Taylor, Ed, Interdisciplinary Approaches to Teaching Art in High School, NAEA, ISBN 1-890160-35-0, 2006
Cover and websites of the iV Proceedings, London, England, IEEE Society
SIGGRAPH Educational materials collection
Biofeedback Game **"Journey to the Wild Divine**" was produced by M.A. student Corwin Bell **http://www.wilddivine.com**, among other books and journals.

**Awards**Several grant awards for developing computer graphics technology
Editor's Choice Award, International Library of Poetry
 14th Salon de la Culture et des Jeux Mathematiques, CIJM, the University Pierre et Marie Curie International Year on Water Cooperation - Mathematical look at water in all its states cijm.org; International Mathematical Games Commitee; Honorable Mention; juried
"Art of the Animal" An Exhibition and Symposium on The Nature of Human and Animal Creativity http://www.eagleandowl.com/exhibit/artofanimal.html, Griffith University, School of Art, Queensland, Australia, juried. Animal Image Award
Second place, M.I.A.D. Venado Tuerto, Convocatoria Internacional de Arte, Argentina
Winner of BauBoden, Deutsche Bau-und Bodenbank AG, Geschäftsbericht
ACM SIGGRAPH '90 grant for educators
Artistic Merit Award, Eurographics 1996
Colorado Art Education Association - Professional Development Recognition Award
Honorable Mention, Immaginando '97, Digital Visions of Etruria
Continental Broadcasting Network, Who's Who World Class Alliance
International Who's Who Historical Society, www.internationalwhoswho.com
Marquis Who's Who, International Biographical Centre, Cambridge, GB
Madison Professionals Who's Who
Montrey Professionals Who's Who
Princeton Global Network, Princeton Global Registry
Who's Who  in North  Colleges and Universities
Strathmore Who's Who, Westbury, NY Registry & Global Network for Outstanding Professionals
American Biographical Institute, Inc., Professional Women’s Advisory Board
Who’s Who Among Executives and Professionals” Cambridge
One Thousand Great Americans, IBC Cambridge, England