

Daria Tsoupikova

datsoupi@gmail.com

School of Design
845 W. Harrison St
Chicago, IL 60607

Electronic Visualization
Laboratory (EVL)
842 W Taylor St
Chicago, IL 60607

University of Illinois
at Chicago (UIC)

773-580-7866

Professor

A joint appointment between the School of Design and Electronic Visualization Laboratory(EVL)

Education

1998-2001

Computer Graphics - Syracuse University, Syracuse, NY, MFA

1988-1993

Graphic Design - Moscow State Academy of Social Sciences, Moscow, Russia, BFA

1980-1988

Painting -Ministry of Education of Russia Moscow State Art School

Academic Appointments

2019-present

Professor, Media Design

School of Design, University of Illinois at Chicago, Chicago, IL <http://design.uic.edu/>

Electronic Visualization Laboratory (EVL) <https://www.evl.uic.edu/>

2008-2019

Associate Professor, Media Design

School of Design / Electronic Visualization Laboratory (EVL), University of Illinois at Chicago

2002-2008

Assistant Professor, Media Arts, Electronic Visualization

School of Design / Electronic Visualization Laboratory (EVL), University of Illinois at Chicago

2014-2017

Co-Director

Creative Coding Research Group within the Electronic Visualization Laboratory, University of Illinois at Chicago <https://www.evl.uic.edu/creativecoding/about.php>

2001-2002

Adjunct Professor, Computer Graphics

University of Rochester, Rochester, NY

1988-1993

Adjunct Professor, Computer Graphics

Syracuse University, Syracuse, NY

1993-1994

Instructor, Graphic Design

Moscow State Academy of Social Sciences, Moscow, Russia

Professional Appointments

2001-2006

Art Director, Web Professionals New York, Syracuse, NY

2000

Designer, Siegel+Gale Inc. New York, NY

2000

Designer, FirstbornMultimedia Inc. New York, NY

1998-2000

Senior Designer, GIC Inc. Syracuse, NY

1997-1998

Web Designer, NYCA Studio Inc. New York, NY

1993-1996

Graphic Designer, Dial Electronics Inc. Moscow, Russia

Publications

- Kostis H., Tsoupikova D., Sandin D., Lynch P., Robbins G., Khare M., Shaw T. Collaborations in Art and Science: A Practical Guide for Computer Graphics and Visualization. Book. CRC Press (Upcoming)
- Rettberg, S. Coover, R., Tsoupikova D., Nishimoto A. Addressing Torture in Iraq through Critical Digital Media Art-Hearts and Minds: The Interrogations Project. Book chapter. Bloomsbury, NY (In Press)
- Thielbar, K.O., Triandafilou, K.M., Barry, A.J., Yuan, N., Nishimoto, A., Johnson, J., Stoykov, M.E., Tsoupikova, D. and Kamper, D.G., 2020. Home-based Upper Extremity Stroke Therapy Using a Multiuser Virtual Reality Environment: A Randomized Trial. *Archives of physical medicine and rehabilitation*, 101(2), pp.196-203.
- Tsoupikova D., Preuss F. 2019. Virtual Reality and Games Facilitating Successful Aging. 10th International Multi-Conferences on Complexity, Informatics and Cybernetics: IMCIC 2019
- Triandafilou, K.M., Tsoupikova, D., Barry, A.J., Thielbar, K.N., Stoykov, N. and Kamper, D.G., 2018. Development of a 3D, networked multi-user virtual reality environment for home therapy after stroke. *Journal of neuroengineering and rehabilitation*, 15(1), p.88.
- Ghassemi, M., Ochoa, J.M., Yuan, N., Tsoupikova, D. and Kamper, D., 2018, July. Development of an Integrated Actuated Hand Orthosis and Virtual Reality System for Home-Based Rehabilitation. In 2018 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC) (pp. 1689-1692). IEEE.
- Tsoupikova D., Rettberg S., Coover R., Nishimoto A. The Battle for Hearts and Minds: Interrogation and Torture in the Age of War. An Adaptation for Oculus Rift. Proceeding SA '16 SIGGRAPH ASIA 2016 VR Showcase, ACM New York, NY, USA, Article No. 5
- Tsoupikova D., Rettberg S., Coover R., Nishimoto A. 2016. Hearts and Minds: the Interrogations Project, Leonardo, the Journal of the International Society of the Arts, Sciences and Technology.
- Tsoupikova D., Triandafilou K., Solanki S., Barry A., Preuss F. and Kamper D. Real-time diagnostic data in multi-user virtual reality post-stroke therapy. Proceeding SA '16 SIGGRAPH ASIA 2016 VR Showcase, Article No. 8, ACM New York, NY, USA
- Coover R., Tsoupikova D., Rettberg S., Nishimoto A. Hearts and Minds: the Interrogations Project, ISEA2016 Proceedings, City University of Hong Kong, pp. 72-75
- Nishimoto A., Tsoupikova D., Rettberg S., Coover R. From CAVE2™ to Mobile: Adaptation of Hearts and Minds Virtual Reality Project Interaction. *Human Computer Interaction, Interaction Platforms and Techniques*, 2015, Volume 9732, Springer, pp.400-411
- Tsoupikova D., Thielbar K., Triandafilou K., Preuss F., Kamper D. Multi-User Virtual Reality Therapy for Post-Stroke Hand Rehabilitation at Home. 2016. *Journal of Systems, Cybernetics and Informatics: JSCI*, Volume 14, Number 2
- Tsoupikova D., Rettberg S., Coover R., Nishimoto A. The battle for hearts and minds: interrogation and torture in the age of war. 2015. *Proc. of the SIGGRAPH 2015*, ACM, NY, USA
- Tsoupikova D., Stoykov N., Corrigan M., Thielbar K., Vick R., Li Y., Triandafilou K., Preuss F., Kamper D. Virtual Immersion for Post-Stroke Hand Rehabilitation Therapy. 2015. *Springer, Annals of Biomedical Engineering*, February 2015, Volume 43, Issue 2, pp. 467-477
- Tsoupikova D. Forbes A. Data Improvisations. CreateSpace Independent Publishing Platform. October 6, 2015.
- Tsoupikova D., Coover R., Rettberg S., Nishimoto A. Hearts and Minds: The Interrogations Project. 2015. *Proc. of the IEEE VR*, Arles, Provence, France. 23-27 March
- Tsoupikova D., Kostis H. Ten Things Not To Do: A Practical Guide for Artists in Art/Science Collaborations. 2014. *The International Journal of Arts Education*. Vol. 8. Issue 2. pCommon Ground Publishing LLC. Pp.15-24

Publications

Coover R., Rettberg S., Tsoupikova D., Nishimoto A. Hearts and Minds: The Interrogations Project. 2014. Proc. of the IEEE VIS 2014 Arts Program, VISAP'14, Paris, France.

Tsoupikova D., H.N. Kostis, B. Lopez, T. Shah. Media Arts in Support of Science Education. Media-N, Journal of the new Media Caucus, 2013

H.N. Kostis, D. Tsoupikova, D. Sandin, MT Rhyne. A Practical Guide to Art/Science Collaborations. 2013. Proceedings of SIGGRAPH 20013, ACM SIGGRAPH, New York, NY.

Tsoupikova D, Stoykov N, Kamper D, Vick R, Li Y, Listenberger M. Use of virtual reality to promote hand therapy post-stroke, Proceedings of SPIE - The International Society for Optical Engineering. 2013; 8649

Tsoupikova D, Stoykov N, Kamper D, Vick R. Virtual Reality environment assisting post stroke hand rehabilitation: case report, Stud Health Technol Inform. 2013; 184: 458-64

Tsoupikova, D., Aguilera, J., Kostis, H., Shah, T., Lopez Silva, B. Media Arts in Support of Science Education, Proceedings of ISEA2012, CreateSpace Independent Publishing Platform, 2012

Tsoupikova D., Li Y., Stoykov N., Vick R., Kamper D., Virtual Reality Environment Assisting Recovery from Stroke, Proceedings, SIGGRAPH ASIA 2009, ACM SIGGRAPH, New York, NY, 2009

Tsoupikova D., Kooima R., Passing "Place for Games", Proceedings, SIGGRAPH 2009, ACM SIGGRAPH, Inc., New York, NY, 2009

Tsoupikova D., Aesthetics as a Medium, ISEA 2008, Conference Proceedings, August 25-30, 2008, Singapore Management University, Singapore, pp.445-446

Tsoupikova D., Aesthetics as a Tool: the Resurgence in Virtual Reality, New Media Caucus, media-N online journal (ISSN: 1942-017X), 2008

Tsoupikova, D., Aguilera, J., Kostis, H., Shah, T., Lopez Silva, B. Media Arts in Support of Science Education, Proceedings of ISEA2012, CreateSpace Independent Publishing Platform, 2012

Tsoupikova D., Rutopia 2. Development of Virtual Reality Artwork, JISC 3D Visualization in the Arts Network, 3DVisA, UK, British Library ISSN 1751-8962, 2008

Tsoupikova D., Kooima R., Passing Excellence, the Interactive Art Visualization of the Kizhi Ensemble, Proceedings of the CIPA 2007, Athens, Greece, 2007

Tsoupikova D., Hill A., Development of Rutopia2 VR Artwork using new Ygdrasil features, GRAPP 2007, International Conference on CG Theory and Applications Proceedings, INSTICC Press, Portugal, pp. 225-228

Tsoupikova D., Passing Excellence, Proceedings of Electronic Imaging SPIE 2007 Conference, Stereoscopic Displays and Virtual Reality Systems XIV, Volume 6490, pp. 64901T; Woods, A., Bolas, M., McDowall, I.

The Cryptoclub. Using Mathematics to Make and Break Secret Codes by Beissinger J, Pless V., AK Peters, Ltd. Natick, MA, August 2006, ISBN: 156881223X

Tsoupikova D., Beissinger J., Cryptography and Mathematics: Educational Game "Treasure Hunt", Proceedings, SIGGRAPH 2006, ACM SIGGRAPH, Inc., New York, NY, 2006

Tsoupikova D., Framing the Magic, Proceedings of Electronic Imaging SPIE 2006 Conference, SPIE Vol. 6055, 60551W, Stereoscopic Displays and Virtual Reality Systems XIII; Andrew J. Woods, Neil A. Dodgson, John O. Merritt, Mark T. Bolas, Ian E. McDowall; Eds.

Dolinsky, M., Anstey, J., Pape, D., Aguilera, J., Kostis, H. N., Tsoupikova, D. Collaborative Virtual Environments Art Exhibition, Proceedings of SPIE-IS&T Electronic Imaging, SPIE Vol. 5664, p.641-652 Stereoscopic Displays and Virtual Reality Systems XII, San Jose, CA, USA, January 2005

Tsoupikova D., Interactive animation as an educational tool in "Winter Dreams", Proceedings, SIGGRAPH 2002, ACM SIGGRAPH, Inc., New York, NY, 2002, pp.111-112

Exhibitions and
Presentations

Chicago Design Milestones. CAA 2020. Technological Frontiers: Design Incubation Colloquium, Chicago IL
February 14, 2020

Chicago Design Milestones installation at 150MediaStream, 150 N. Riverside, Chicago IL, July 2019

Virtual Reality Student Exposition at Video Game Art Gallery (VGA), Chicago, IL, October 25, 2019

Virtual Reality and Games Facilitating Successful Aging. IMCIC 2019, Orlando, FL, March 15, 2019

Hearts and Minds: Virtual Reality Performance and Discussion in the CAVE2. Electronic
Visualization Lab, UIC, Chicago, November 2, 2018

Hearts and Minds: the Interrogations Project. Screening. iDocs 2018. March 21, 2018, Bristol, UK

Hearts and Minds: Virtual Reality Performance and Discussion in the CAVE2
Electronic Visualization Lab, UIC, Chicago, March 7, 2018

Hearts and Minds: the Interrogations Project. Nobel Peace Prize Forum. September 15, 2017,
Minneapolis, MN

Presentation for Chicago Data Visualization Meetup meeting. April 19, 2016, Chicago, IL

Presentation for Chicago Data Visualization Meetup meeting. February 24, 2016, Chicago, IL

Hearts and Minds: the Interrogations Project. CAVE2 Performance for University of Chicago,
January 18, 2017, Chicago IL

Hearts and Minds: the Interrogations Project. An Adaptation for Oculus Rift. SIGGRAPH ASIA,
Virtual Reality Showcase, December 4-9, 2016, Macau, China

Real-time diagnostic data in multi-user virtual reality post-stroke therapy. Proceeding SA '16
SIGGRAPH ASIA 2016 VR Showcase, December 4-9, 2016, Macau, China

Hearts and Minds: the Interrogations Project. Official Selection, 2016 BIFF-EXPANDED, exhibition
of works of expanded cinema, Bergen International Film Festival. September 20-28, 2016,
Bergen, Norway

Storytelling At The Intersection Of Film And Technology In The Digital Age. Digital Arts Panel by
Chaz Ebert. Soho House Chicago, November 15, 2016

Hearts and Minds: the Interrogations Project. CAVE2 Performance, 15th Annual Transatlantic
Forum, October 23, 2016, Chicago IL

Hearts and Minds:the Interrogations Project. Interactive Demonstration, Bergen Library Digital
Literature event. October 21, 2016, Bergen, Norway

Hearts and Minds: the Interrogations Project Interactive Screening. Bunkier Sztuki Gallery, July
13, 2016, Kraków, Poland

Hearts and Minds: the Interrogations Project Interactive Screening. Silesian Museum in
Katowice, July 15, 2016, Poland

Lecture on Hearts and Minds: The Interrogations Project. Digital Humanities Conference 2016.
Auditorium Maximum, Jagiellonian University, July 14, 2016, Krakow, Poland

Hearts and Minds: The Interrogations Project. ISEA 2016, Run Run Shaw Gallery 360, City
University Hong Kong, May 20, 2016, Hong Kong

Exhibitions and
Presentations

Multi-User Virtual Reality Environment For Post Stroke Therapy At Home. Museum of Health and Medicine, Chicago, IL. September 12-October 1, 2015

The Battle for Hearts and Minds: Interrogation and Torture in the Age of War. SIGGRAPH 2015, Los Angeles, CA

Interrogating Torture. Human Rights Human Wrongs 2015, Litteraturhuset /Literature House, Oslo, Norway / February 13, 2015

Hearts and Minds: The Interrogations Project. ISEA 2015, Vancouver, Canada

Hearts and Minds: The Interrogations Project. IEEE VR, Video Presentation, 2015

Hearts and Minds: Virtual Reality Performance and Discussion in the CAVE2™
Electronic Visualization Lab, UIC, Chicago, Aug. 21, Dec. 4, 2015

Hearts and Minds: The Interrogations Project. HASTAC 2015 Conference. May 27-30, East Lansing, MI

Hearts and minds: The interrogations project. IEEE VIS 2014, VISAP'14, Paris, France

Girls Steaming to Practicing STEAM: the Powers of New Media Arts for Engaging Girls in STEM. College Art Association CAA2014, New Media Caucus Lightening Talks Presentation, February, Chicago, IL

Hearts and Minds: The Interrogations Project. "Images, Sounds, Words" One-Day Seminar / Dokkhuset / October 15, 2014, Trondheim Academy of Fine Arts, Trondheim, Norway

Hearts and Minds: Virtual Reality Performance in the CAVE2™. Electronic Visualization Lab, UIC, Chicago / June 17, 2014 and July 11, 2014

A practical guide to art/science collaborations. Presented with Dan Sandin and Helen-Nicole Kostis, 2013 SIGGRAPH 2013, Anaheim, CA

Use of virtual reality to promote hand therapy post-stroke. SPIE 2013, San Francisco, CA

Ten Things Not To Do: A Practical Guide For Artists in Art/Science Collaborations. 8th International Conference on the Arts in Society. Budapest, Hungary. 2013

A multi-user virtual training environment for upper extremity therapy in the home. July 26, 2013. MARS3 annual research meeting, Rehabilitation Institute of Chicago, Chicago, IL

Virtual Reality environment assisting post stroke hand rehabilitation: case report. NextMed VR 2012, San Jose, CA 2012

Media Arts in Support of Science Education. ISEA 2012, Albuquerque, NM

Virtual Reality Environment assisting recovery from stroke. AAPMR 2010 American Academy of Physical Medicine and Rehabilitation, Seattle, WA, 2010

Virtual Reality Environment Assisting Recovery from Stroke. Art Therapy in the World 9th Annual Symposium. Image, Brain, and Hand: Collaboration in Rehabilitation, Milwaukee, WI

Virtual Reality Environment Assisting Recovery from Stroke. SIGGRAPH ASIA 2009. Yokohama, Japan

Passing "Place for Games" SIGGRAPH 2009, Information Aesthetics, New Orleans, LA

Exhibitions and
Presentations

The Power of Image, Brain, and Hand in Rehabilitation, IATA Conference, Illinois Art Therapy Association SAIC, Chicago, IL, January 31, 2009

Rutopia 2, ISEA 2008, the International Symposium on Electronic Art, Singapore Management University, Singapore

Rutopia 2, TAS, SIGGRAPH Traveling Art Show 2008

Passing Excellence, the Interactive Art Visualization of the Kizhi Ensemble, CIPA 2007, the 21st International Symposium on Cultural Heritage, Athens, Greece, October 1-8, 2007

Development of the Interactive Stereoscopic Visualization Passing Excellence. SPIE Chicago Midwest Conference. Northwestern University, Evanston, IL, September 18, 2007

Rutopia 2. SIGGRAPH 2007 Art Gallery. Calit2 and the Center for Research in Computing and the Arts (CRCA) at University of California, San Diego, CA, August 4-6, 2007

Development of Rutopia2 VR Artwork using new Ygdrasil features, GRAPP 2007, International Conference on CG Theory and Applications Proceedings, Barcelona, Spain, March 8-11, 2007
Rutopia 2. IEEE Virtual Reality 2007, Charlotte, NC, March 10-14, 2007

Rutopia 2. Virtual Reality SubFest. Hallwalls Contemporary Arts Center, Buffalo, NY, August 4-6, 2006

Cryptography and Mathematics: Educational Game "Treasure Hunt". SIGGRAPH 2006, Boston Convention and Exhibition Center, MA, July 30-August 3, 2006

RUTOPIA 2. EVA International Conference on Electronic Information, the Visual Arts and Beyond, University College London, UK, July 28, 2006

Rutopia2. IV06 International Conference on Information Visualization, Computer Animation & Special Effects Show. University of London, London, UK, July 5-7, 2006

Rutopia 2. CGIV06 International Conference on Computer Graphics, Imaging and Visualization, University of Technology, Sydney, Australia, July 26-28, 2006

Rutopia 2. SPIE 2006 Engineering Reality of Virtual Reality, San Jose, CA, January 15-19, 2006

Rutopia 2. IGRID 2005 International Conference on Advanced Scientific Research in International and National Global Network Systems, Calit2, University of California, San Diego, CA, September 26-29, 2005. Teleimmerisve network presentation with Geophysical Center, Russian Academy of Sciences, Russia, Hybrid Arts Laboratory, Indiana University, Bloomington, IN, USA, Department of Media Study, University at Buffalo, USA, Electronic Visualization Laboratory (EVL), Chicago, IL

Rutopia. IV05, Greenwich, England, UK, July 6-8, 2005

Treasure Hunt. GLS Games, Learning, and Society Conference, Madison, WI, June 23-24, 2005

Rutopia. SPIE 2005 Engineering Reality of Virtual Reality, San Jose, CA, January 20, 2005
Teleimmerisve network presentation with Hybrid Arts Laboratory, Indiana University, Bloomington, IN, USA, Department of Media Study, University at Buffalo, USA, and Electronic Visualization Laboratory (EVL).

Exhibitions and
Presentations

Rutopia. Festival de Mondos Virtuais at SVR.II, Sao Paulo, Brasil, October 20-22, 2004

V Hive, the International networked virtual reality art exhibition connected in real-time with the Royal Institute of Technology (KTH), Stockholm, Sweden, the State University of New York at Buffalo, Buffalo, NY, Electronic Visualization Laboratory (EVL), University of Illinois at Chicago, Chicago, IL, Indiana University, Bloomington, IN.

Rutopia. Networks, Art & Collaboration Conference, Buffalo, NY, 2004

Networked Virtual Reality presentation connected in real-time with the following sites, the State University of New York at Buffalo, Buffalo, NY, Electronic Visualization Laboratory (EVL), University of Illinois at Chicago, Chicago, IL, Indiana University, Bloomington, IN

Rutopia. IEEE 2004 Virtual Reality Conference, Chicago, IL, March 29, 2004

Teleimmerisve presentation with the following sites, Electronic Visualization Laboratory (EVL), University of Illinois at Chicago, Chicago, IL, The State University of New York at Buffalo, Buffalo, NY, Indiana University, Bloomington, IN, Interactive Institute, Tools for Creative Studio, Umea, Sweden, Applied Interactives and art(n) gallery, Chicago, IL

Rutopia. IDEAS, Interactive Digital Environments Arts and Storytelling Festival. Radio & TV Center, Indiana University, Bloomington, IN, April 2003. Teleimmersive presentation with the Indiana University CAVE.

Rutopia. Version 03 >> International Digital Arts Media Festival
Museum of Contemporary Art (MCA), Chicago, IL, March 2003

Winter Dreams. SIGGRAPH 2002, San Antonio Texas, July 21-26, 2002

Struggle. Lower Art Gallery, Syracuse, NY, May, 2001

Mount. Shemin Theater, Syracuse University, Syracuse, NY, May, 2000

World Wide Worms. Shaffer Art Gallery, Syracuse, NY, November, 1998

Butcher. 40th Honor Exhibition of Moscow State Academy of Social Sciences, Central House of Art, Moscow, Russia, March, 1993

Traditions and Problems of Russian Design Succession, All-Union Exhibition Center, Moscow, Russia, May, 1992

Grants

Ongoing

Multi-User Virtual Reality Storytelling: Beyond Theater. 2020-2021. UIC Award for Creative Activity. (PI: Tsoupikova). Total Budget: \$10,000

Chicago Design Through the Decades. 2020-2021. UIC Award for Creative Activity. (PI: Oiga, Co-PI: Tsoupikova). Total Budget: \$15,000

Virtual Reality and Games to support Autism and Innovation Initiative in Illinois. 2019-2020. Discovery Partners Institute (DPI). (PI: Maureen Dunne; Co-PIs: Tsoupikova D. and Heller T.) Total Budget: \$30,000, awarded from DPI: \$15,000

Transforming Storytelling: Multi-User Virtual Reality Theater for Collaborative Tele-Immersive Exploration (PI: Tsoupikova). 2019-2020. University of Illinois (UI) System's Presidential Initiative to Celebrate the Impact of the Arts and the Humanities: Total Budget: \$150,000

Fullfillment Project: A Field Guide to the Logistical City (PI: Chu J.; Co-PI: Tsoupikova D.) 2017-2019. University of Chicago Innovation Fund. Total Budget: \$10,000

Completed

Chicago Design Milestones. 2018-2019. Leviaphan & 150MediaStream. (PI: Tsoupikova D. Co-PI: Oiga S.) Total Budget: \$5,500

Machines Assisting Recovery from Stroke and Spinal Cord Injury for Reintegration into Society (MARS3) (PI: Rymer). Sub-project (PI: Kamper; Co-PI: Tsoupikova): Multi-User Virtual Training Environment For Upper Extremity Therapy In The Home. 2012-2017. U.S. Department of Health and Human Services information, HHS Grant Award Number: 90RE5010-01-01, HHS CFDA Number: \$4,748,666

MRI: Development of Instrument on Robot-aided, Cognitive Virtual Rehabilitation for Automatic Physical Training of Individuals with Disabilities (iRAPID). 2013-2017. NSF, CNS, Division Of Computer and Network Systems, Award # 1335263 (PI: Hu F.; Co-PIs: Gray J., Brown D., Qahouq J. A., Tsoupikova D.) Total Budget: \$499,999

Collaborative Research: CybeR-Enabled Demand-Interactive Transit for the Next-Generation Transportation Systems. 2014-2018. NSF, Division of Civil, Mechanical, & Manufact Inn, Award # 1402918. (PI: Jakob Eriksson. Co-I: Marai, Tsoupikova) Total Budget: \$175,000

The Cryptoclub: Cryptography and Mathematics Afterschool and Online, 2009-2014. NSF, Division of Research on Learning, Award #0840313 (PI: Beissinger; Co-PIs: Sanders B, Tsoupikova D, Goldman S.) Total Budget: \$2,757,259

Implementation of a virtual therapist in a home-based rehabilitation system for stroke survivors, 2011-2012. Fulbright Scholar Award, France. (PI: Tsoupikova) Image Institute, ParisTech, Chalons-sur-Saône, Burgundy, France, Total Budget: \$22,000

Machines Assisting Recovery from Stroke (MARS2), Sub-project: Development of hand technology involving reaching, 2007-2012. National Institute on Disability and Rehabilitation Research (NIDRR), Grant #H133E070013. (PI: Rymer; Co-PIs: Kamper, Patton, Tsoupikova) Total Budget: \$4,748,875

Cryptography and Mathematics. Materials for Middle Grade, 2001-2006. NSF, Division Of Research On Learning, Award #0099220 (PI: Beissinger) Total Budget: \$423,109

Professional Activities
and Services

2020 Juror, SIGGRAPH Art Papers 2020
2020 Reviewer, ISEA2020 Program Committee
2019 Reviewer, Leonardo, MIT Pres
2019 Reviewer, CHI PLAY '19, the Annual Symposium on Computer-Human Interaction in Play, Barcelona
2019 Reviewer, IMCIC 2020, March, Orlando, FL
2019 Member, Fulbright U.S. Scholar Program Review Committee / Design
2018 Member, Fulbright U.S. Scholar Program Review Committee / Design
2018 Reviewer, IEEE VIS Arts Program, VISAP'18
2018 Ad Hoc Reviewer, SIGGRAPH 2018 Art Papers
2017 Member, Fulbright U.S. Scholar Program / Media Arts Peer Review Committee / Design
2017 Reviewer, IEEE VIS Arts Program, VISAP'17
2017 Reviewer, Virtual Reality journal, Springer
2017 Reviewer, IEEE Access
2017 Reviewer, Reviewer, Disability and Rehabilitation, Taylor & Francis
2017 Reviewer, SIGGRAPH 2017 Art Papers
2017 Reviewer, IEEE Transactions on Biomedical Engineering
2017 Reviewer, UIC's Graduate College AWARDS Committee: Arts and Humanities Division
2017 Reviewer, IMCIC 2017, March, Orlando, FL
2016 Reviewer, SIGGRAPH ASIA, Educational Symposium
2016 Reviewer, IEEE VIS Arts Program, VISAP'16 / Program Committee member, Baltimore, MD
2016 Reviewer, Leonardo, MIT Pres
2016 Reviewer, Disability and Rehabilitation, Taylor & Francis
2016 Reviewer, Fulbright Committee 2016 Media Arts
2016 Reviewer, Virtual Reality journal, Springer
2016 Reviewer, IEEE Transactions on Biomedical Engineering
2016 Reviewer, UIC's Graduate College AWARDS Committee: Arts and Humanities Division
2016 Juror, the Image of Research 2016, UIC, Chicago, IL
2016 Co-Chair, Conference Session, IMCIC 2016, March, Orlando, FL
2015 Co-Chair, IEEE VIS Conference Arts Program, VISAP'15, Palmer House Hilton, Chicago, IL
2015 Reviewer, IEEE VIS Arts Program, VISAP'14 / Program Committee member, Paris, France
2015 Reviewer, Dove Medical Press Ltd Publisher, Auckland, New Zealand
2015 Reviewer, Euromed 2014, International Conference on Cultural Heritage, Cyprus, Greece
2015 Juror, the Image of Research 2014, UIC, Chicago, IL
2014 Reviewer, Fulbright Commissions - France, Norway and Poland
2014 Reviewer, EuroMed 2014 International Conference on Cultural Heritage
2014 Reviewer, Dove Medical Press
2014 Reviewer, IEEE VIS Arts Program VISAP'14
2014 Juror, the Image of Research 2014, UIC, Chicago, IL
2013 Juror, the Image of Research 2013, UIC, Chicago, IL
2013 Co-Chair, the Chancellor's Committee on the Status of Women, Faculty Concerns, UIC
2012 Juror, the Image of Research 2012, UIC, Chicago, IL
2012 Reviewer, IEEE International Symposium on Robot and Human Interactive Communication
2012 Reviewer, EuroMed 2012 International Conference on Cultural Heritage
2011 Juror, the Image of Research 2011, UIC, Chicago, IL
2011 Reviewer, ASME 2011 World Conference on Innovative Virtual Reality WINVR2011
2010 Juror, the Image of Research 2010, UIC, Chicago, IL
2009 Juror, SIGGRAPH 2009, New Orleans, LA
2009 Chair, Explorations in Art and Design, panel at the SIGGRAPH 2009
2009 Curator, Scientific and BioMedical Visualization panels / CAF Festival SIGGRAPH 2009
2008 Juror, SIGGRAPH 2008 Late Breaking Program, Los Angeles, CA
2008 Juror, SIGGRAPH 2008, Los Angeles, CA
2008 Reviewer, CITSA 2009
2008 Reviewer, VIRE 2008, International Conference on Virtual Reality
2007 Curator, Exhibition of VR artwork by EVL faculty and students, SVR 2007 IX International Symposium on Virtual and Augmented Reality, Petropolis, Brazil
2007 Juror, Digital Art & Computer Animation Student Exhibition, Springfield, MO
2006 Coordinator, "Drawing currents," Electronic Visualization Exhibit, CUPPA Hall, Chicago, IL
2004 Coordinator, Virtual reality art presentation for IEEE 2004 VR Open House, Chicago, IL
2003 Member, Version03 Media Arts Festival Committee, Museum of Contemporary Art,

Awards

Leonardo Outstanding Reviewer 2019
 The Society of Typographic Arts (STA) 100 Award, 2019
 2019 Design Incubation Communication Design Educators Creative Work Award
 Best Paper Award, e-Health, Science and Information Technologies Session, IMCIC 2019, March 11-15, Orlando, FL
 Dean's Research Prize, College of Architecture, Design and the Arts, UIC, 2018-2019
 Best Work of Electronic Literature Award, Electronic Literature Organization, 2016
 Official Selection, Bergen International Film Festival, Bergen, Norway, 2016
 Official selection, ISEA 2016 Gallery 360 virtual reality theater show, Hong Kong 2016
 Dean's Research Prize, College of Architecture, Design and the Arts, UIC, 2016-2017
 Faculty Scholarship, UIC, 2016
 Best Paper Award, QRMS paper session, IMCIC 2016, March 7-11, Orlando, FL
 Dean's Research Prize, College of Architecture, Design and the Arts, UIC, 2015-2016
 NSF's 2015 Facilitator's Choice Award /Teaching and Learning Video Showcase, 2015
 CCSW-MWC Professional Development Award, 2015
 Dean's Research Prize, College of Architecture, Design and the Arts, UIC, 2013-2014
 UIC College of Architecture and the Arts Research Prize, 2012-2013
 UIC College of Architecture and the Arts Research Prize, 2007-2008
 Office of the Vice Chancellor of Research Art and Humanities Award (OVCR-AAH), 2006-2007
 Best Immersive Virtual Reality Environment Award, IDEAS, Radio & TV Center, Indiana University, Bloomington, IN, 2003

University Services

2017-present
 2019-2021
 2018-2021
 2018-2020
 2015-2018
 2015-2016
 2015-2016
 2013-2014
 2009-2010
 2005-2010
 2009-2010
 2005-2006
 2004-2005
 2004-2005
 2003-2004

UIC College of Architecture, Design and the Arts
 Department of Computer Science and School of Design Interdisciplinary Program Committee
 College Personnel Committee
 UIC Senate Committee
 Information Technology Governance Council Committee
 University Graduate College AWARDS Committee: Arts and the Humanities
 University Strategic Planning Initiative Focus Group
 Science Chicago, UIC, EVL
 Computer Science (EVL) Faculty Search Committee
 U.S. Fulbright campus review committee
 Graduate College, Member of the Graduate Faculty
 Gallery 400 Organization Committee
 Educational Policy Committee
 Media Arts Search Committee
 Multimedia Consultant, Jane Addams Hull-House Museum
 School of Art and Design Director Search Committee

2018-present
 2017-2019
 2015-2017
 2013-2014
 2009-2010
 2008-2010
 2005-2007
 2005-2006
 2005-2006
 2004-2005
 2003-2004
 2002-2003

UIC School of Design
 School Personnel Committee
 Educational Policy Committee
 School Personnel Committee
 School Personnel Committee
 Revenue Committee
 Co-Chair, Promotion and Tenure Committee
 Educational Policy Committee
 Honors College Advisor
 Graduate Curriculum Committee
 Electronic Visualization Search Committee
 Graduate Curriculum Committee
 Studio Arts Faculty Search Committee

Professional Affiliations

ACM SIGGRAPH Association for Computing Machinery's Special Interest Group on Graphics and Interactive Techniques, College Art Association

Therapy Dog International volunteering in Assisted Living/Hospitals, AKC Agility, slalom