SAM BLANCHARD

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SOLO EXHIBITIONS

2023   *Futile State*
Staniar Gallery, Washington and Lee University, Lexington, VA

2017   *Network*
Skylab Gallery, Columbus, OH

Sam Blanchard: New Work
Sleeth Gallery, West Virginia Wesleyan College, Buckhannon, WV

2015   *…this used to be easier…*
Delaware Center for Contemporary Art, Wilmington, DE

2014   *Open at the Source: SeeMore*
Moss Art Center, Blacksburg, VA

Salutations of Courtesy
Indianapolis Art Center, Indianapolis, IN

2013   *…this used to be easier…*
The New Gallery, Calgary, AB

Older and Overwhelmed
Contemporary Art Center, Las Vegas, NV

Three States of Discomfort
Olin Art Gallery, Washington and Jefferson College, Washington, PA

2010   *Subject, Object, and Viewer*
The Sculpture Center, Cleveland, OH

GROUP EXHIBITIONS

2022   *ACC Creativity and Innovation Festival*
Smithsonian Institute National Museum of American History, Washington D.C.

2022   *Faculty Triennial*
Moss Art Center, Virginia Tech, Blacksburg, VA

2019   *ACM SIGGRAPH, Studio*
Los Angeles Convention Center, Los Angeles, CA

Faculty Triennial
Moss Art Center, Virginia Tech, Blacksburg, VA

2018   *Sam Blanchard, Dan Carlson, M. Burgess, PLAKOOKEE:* Spaces Places Things
The Duke Hall Gallery, James Madison University, Harrisonburg, VA

2018   Source Form: Innovation and Creativity Day
Moss Art Center, Virginia Tech, Blacksburg, VA

2017   *Bio Creation and Peace*
International Symposium on Electronic Art, Manizales, Columbia

            ACC Creativity and Innovation Festival
Smithsonian Institute National Museum of American History, Washington D.C.

            Materialized… (Jurors Prize)
University Gallery, Central Michigan University, Mt. Pleasant, MI

2016   *Artist and Location*
CICA Museum, Gimpo-si, Gyeonggi-do, Korea

            IDEAS Exhibition 2016
International Digital Media and Arts Association Conference, Winona State
University, Winona, MN

            National Science and Engineering Festival
Walter Washington Convention Center, Washington D.C.

            South by Southwest Interactive
Austin Convention Center, Austin, TX

2015   *World Maker Faire*
New York Hall of Science, New York, NY

            MakerCon
New York Hall of Science, New York, NY

2014   *IEEE Super Computing Conference*
Morial Convention Center, New Orleans, LA

            ACM SIGGRAPH, Acting in Translation
Vancouver Convention Center, Vancouver, BC

2013   *Moving Media Series Collected Video Works*
Delaware Center of Contemporary Art, Dover, DE

2012   *Time Arts Continuum*
Walkers Point Center for the Arts, Milwaukee, WI

     Urbanity
Urban Institute of Contemporary Art, Grand Rapids, MI

2011   *Faculty Biennial*
Rankin Gallery, Big Rapids, MI

     Polaroid Matrix, World Maker Faire
New York Hall of Science, New York, NY

     Associations
Urban Institute of Contemporary Art, Grand Rapids, MI

     19 Holes
Urban Institute of Contemporary Art, Grand Rapids, MI

2010   *Michigan Land of Riches*
Old Public Museum, Grand Rapids, MI

     Faux Real
Gallery Project, Ann Arbor, MI

2009   *ArtPrize*
Old Federal Building, Grand Rapids, MI

     Urban Light
Capsule Gallery, Grand Rapids, MI

2008   *ActiveSite 4*
(Fmr.) Grand Rapids Art Museum, Grand Rapids, MI

     Destination 1111
Godfrey Building, Grand Rapids, MI

     Sculpture Faculty Show
Kendall College Atrium Gallery, Grand Rapids, MI

     New Faculty Show
Kendall Art Gallery, Grand Rapids, MI

2007   *Small Works*
Roy G BIV Gallery, Columbus, OH

2007   *Sculp-sure/Skull-pture*
Ohio University Art Gallery, Athens, OH

2006	*Faculty Invitational* Majestic Gallery, Nelsonville, OH
2005	*Sam Blanchard and Jonathan Russell* ROY G BIV Gallery, Columbus, OH
2004	*Fresh Greens* Alice Space, Providence, RI
	Thesis Exhibition RISD Museum, Providence, RI
2003	*Selections* Grant Selwyn Gallery, New York, NY
	Sculpture Sol Koffler Gallery, Providence, RI
	Group Exhibition Ellen Elizabeth Gallery, Cape Cod, MA

GRANTS

2019-2022	(Principal Investigator), Ada, Understanding Decentralized, Distributed Computing and Blockchains through Kinetic Sculpture, Institute for Critical Technology and Applied Science, Institute for Creativity Arts and Technology, Virginia Tech, $75,000. (July 1, 2019-June 30, 2020)
2017-2019	(Principal Investigator), "Source Form: All-in-One Crowdsourced Object Generator," Sponsored by Institute for Creativity Arts and Technology, Virginia Tech, $25,000. (July 1, 2017 - June 30, 2018).
2017	(Principal Investigator), " International Travel Supplemental Grant," Sponsored by Office of Research and Innovation, Virginia Tech, $1,000. (June 10, 2017 - June 17, 2017).
2015-2016	(Principal Investigator), "Application specific protective body panels for the ESCHER humanoid robot," Sponsored by Institute for Creativity Arts and Technology, Virginia Tech, $25,000. (July 1, 2015 - June 30, 2016).
2013-2016	(Senior Personnel), "EAGER: Kinetic Computing Sculpture: A functional parallel cluster of Raspberry Pi computers that inspire computational thinking," Sponsored by National Science Foundation, Federal,

$150,000.00. (October 1, 2013 - September 30, 2014).

2014-2015   (Collaborator), "DARPA Robotics Challenge," Sponsored by Defense Advanced Research Projects Agency, $1,500,000. (June 1, 2014 - Aug. 31, 2015).

2015   (Principal Investigator), " Maker Con/Maker Faire Outreach Project," Sponsored by Institute for Creativity, Arts and Technology, Virginia Tech, $3000. (July 1, 2015 - October 30, 2015).

2014   (Principal Investigator), " International Travel Supplemental Grant," Sponsored by Office of Research and Innovation, Virginia Tech, $1,000. (August 10, 2014 – August 17, 2014).

2013-2014   (Principal Investigator), "A kinetic sculpture and functional parallel cluster of Raspberry Pi computers," Sponsored by Institute for Creativity, Arts and Technology, Virginia Tech, $25,831. (July 1, 2013 - June 30, 2014).

2013-2014   (Principal Investigator), "Assistant Professor Mentoring Project mini-grant," Sponsored by Office of the Provost, Virginia Tech, $1,500. (July 1, 2013 - June 30, 2014).

2013-2014   (Supporting Investigator), "Salt Marsh Suite: Revealing a Coastal Estuary through 3D Visualization, Max/MSP/Jitter, and Projection Mapping," Sponsored by Institute for Creativity, Arts and Technology, Virginia Tech, $3,000. (July 1, 2013 - May 31, 2014).

AUTHORED PAPERS

Blanchard, Sam, Huang, Jia-Bin, Williams, Christopher, Meenakshisundaram, Viswanath, Kubalak, Joseph, Lokegaonkar, Sanket. (2019). Source form an automated crowdsourced object generator. ACM SIGGRAPH 2019 Studio, 1-2. 10.1145/3306306.3328001.

Li, Bo, John Mooring, Sam Blanchard, Aditya Johri, Melinda Leko, and Kirk W. Cameron. "SeeMore: A kinetic parallel computer sculpture for educating broad audiences on parallel computation." *Journal of Parallel and Distributed Computing*, 2017. doi:10.1016/j.jpdc.2017.01.017.

Chowdhury, Bushra, Sam Blanchard, Kirk Cameron, and Aditya Johri. "SeeMore: An Interactive Kinetic Sculpture Designed to Teach Parallel Computational Thinking." *2015 ASEE Annual Conference and Exposition Proceedings*, 2015. doi:10.18260/p.24697.

Blanchard, Sam, and Kirk Cameron. "SeeMore." *Leonardo* 47, no. 4 (2014): 414-15. doi:10.1162/leon_a_00855.

AWARDS

2017	Creative Achievement Award College of Architecture and Urban Studies, Virginia Tech
2016	National Scholar Recognition Virginia Tech Board of Visitors
2016	Top 50 Greatest Raspberry Pi Projects (2nd Place) Magpi Magazine
2016	Team Pick, Top 50 Greatest Raspberry Pi Projects Sub Editor Phil King for Magpi Magazine
2015	Editor's Choice Award, SeeMore World Maker Faire, New York Hall of Science
2011	Editor's Choice Award, Polaroid Matrix World Maker Faire, New York Hall of Science
2011	Curators Award, 19 holes Exhibition Urban Institute of Contemporary Art
2003, 2004	Nomination, Award for Outstanding Student Achievement International Sculpture Center
2002, 2003	S.L.Y. Fellowship Rhode Island School of Design
2002, 2003	RISD Graduate Scholarship Rhode Island School of Design
2001	Innovation Award: Undergraduate Art League Ohio University

PROFESSIONAL EXPERIENCE

2017-	Associate Professor of Sculpture, School of Visual Arts Virginia Polytechnic Institute and State University, Blacksburg, VA
2015-	Fellow, Institute for Creativity, Arts and Technology Virginia Polytechnic Institute and State University, Blacksburg, VA
2017-2021	Assistant Director for Planning, School of Visual Arts Virginia Polytechnic Institute and State University, Blacksburg, VA
2017-2021	Chair, Studio Art Program, School of Visual Arts Virginia Polytechnic Institute and State University, Blacksburg, VA

| 2012-2017 | Assistant Professor of Sculpture, School of Visual Arts |
| | Virginia Polytechnic Institute and State University, Blacksburg, VA |

2012-2017   Assistant Professor of Sculpture, School of Visual Arts
Virginia Polytechnic Institute and State University, Blacksburg, VA

2011-2012   Chair, Sculpture and Functional Art Program
Kendall College of Art and Design, Grand Rapids, MI

2007-2012   Assistant Professor of Sculpture
Kendall College of Art and Design, Grand Rapids, MI

2005-2007   Lecturer of Sculpture and Foundations
Ohio University, Athens, OH

2004   Instructor of Record
Rhode Island School of Design, Providence, RI

BIBLIOGRAPHY (REVIEWS/ARTICLES/CATALOGUES/INTERVIEWS)

BOOKS

Santos, Rui., "Raspberry Pi Project Handbook." No Starch Press. San Francisco, CA 2018.

Barnes, Russell, editor. The Official Raspberry Pi Projects Book. Vol. 2, Raspberry Pi Trading Ltd., 2017.

Leejin, Kim, ed. *New Media 2017*. Gimpo-si, Korea: CICA Press, 2016.

MAGAZINES

Barnes, Russell, ed. "50 Greatest Raspberry Pi Projects." *MagPi Magazine*, October 1, 2016, 23,39.

King, Phil. "SeeMore: The Pi-Powered Parallel Computing Sculpture." *MagPi Magazine*, December 1, 2015, 46-49.

Takizawa, Hiromi. "SIGGRAPH 2014 Art Gallery." *DIVA (Japan)*, September 30, 2014, 18.

Steger, Charles W. "Melding arts and technology." *Virginia Tech Magazine*, April 1, 2014, 2.

NEWSPAPERS

Burgos, Frank, ed. "World Maker Faire inventor spotlight: Sam Blanchard." *Metro* (New York), September 14, 2015.

Williamson, Andrea. "The New Gallery lives up to its name." *Fast Forward Weekly* (Calgary), October 3, 2013.

Petersen, Kristen. "THIS WEEK IN ART: COLLECTORS, SEX TALK AND ROLLERCOASTERS." *Las Vegas Weekly*, July 10, 2013.

Adams, Carley. "Sam Blanchard Comes to Washington and Jefferson." *Red and Black* (Washington and Jefferson College), February 7, 2013.

Moriarty, Judith Ann. "Time Arts Continuum at Walker's Point." *Third Coast Daily* (Milwaukee), May 19, 2012.

Schumacher, Marie Louise. "Time Arts Continuum Is a Showcase for Interactive Art." *Tap Milwaukee*, May 13, 2012.

TELEVISION / VIDEO

Haray, Dan, prod. "SeeMore, Art Gallery Contributor." In *SCOOP*. August 21, 2014.

Gerht, Katie, writer. "The Inherent Beauty of Parallel Computing." Directed by J. Scott Parker. Virginia Tech Public Relations. May 4, 2014.

Richardson, Matthew, prod. "Interview with Sam Blanchard." In *Make: Live*. Makezine.com. October 20, 2011.

Heater, Brian. "Stepping into the Polaroid Matrix at Maker Faire." Engadget. September 2, 2011.

Monroy, Ark, prod. *New York Maker Faire Showcases a New Generation of Inventors*. ABC.com. September 1, 2011.

Richett, Emily, prod. "Last Show Opens at the UICA on Sheldon." In *Morning News*. Fox 17. June 11, 2011.

INTERNET

Essop, Anas, et al. "Virginia Tech's Source Form Method Eliminates Need for 3D Printer .Stls." 3D Printing Industry, 12 Aug. 2019, 3dprintingindustry.com/news/virginia-techs-source-form-method-eliminates-need-for-d-printer-stls-159965/.

Editor. "Virginia Tech's Supply Type Methodology Eliminates Want For 3D Printer .Stls - The Best 3d Print 2019." The Best 3d Print 2019, 12 Aug. 2019, 3dprintingzoom.com/2019/08/12/virginia-techs-supply-type-methodology-eliminates-want-for-3d-printer-stls.

Goehrke, Sarah. "3D Printing from Crowdsourced Data." Fabbaloo, 30 July 2019, www.fabbaloo.com/blog/2019/7/30/3d-printing-from-crowdsourced-data.

Editor. "ネット上の画像から3Dデータを生成する3Dプリントシステム." 3DP Id.Arts, 14 Aug. 2019, idarts.co.jp/3dp/source-form-3d-printer.

Moussion, Alexandre. "Virginia Tech Invente L'Impression 3D sans Fichier STL." PRIMANTE 3D, 30 Aug. 2019, www.primante3d.com/fichier-stl-14082019.

Roediger, Emily. "Using Data to Make Art." Virginia Tech Daily | Virginia Tech, 12 Nov. 2019, vtnews.vt.edu/articles/2019/11/unirel_data-art.html.

Saunders, Sarah. "Virginia Tech Researchers Introduce 3D Printing Device That Creates Using Crowdsourced Data." 3DPrint.Com | The Voice of 3D Printing / Additive Manufacturing, 14 Aug. 2019, 3dprint.com/250951/virginia-tech-3d-printing-device-uses-crowdsourced-data.

Segura, Diana. "This New 3D Printing Format Does Not Use STL Files." 3DPrinterChat, 18 Sept. 2019, 3dprinterchat.com/this-new-3d-printing-format-does-not-use-stl-files.

V., Carlota. "Source Form, the Stand-Alone 3D Printer That Uses Photogrammetry to Print." 3Dnatives, 14 Aug. 2019, www.3dnatives.com/en/source-form-140820195.

Editor. "Virginia Tech's Supply Type Technique Eradicates Have to Have for 3D Printer .Stls." 3D Printing Certification, 12 Aug. 2019, 3dprinting.certification.cc/virginia-techs-supply-type-technique-eradicates-have-to-have-for-3d-printer-stls.

Von, David. "Source Form: 3D-Druck Über Google Bildersuche." 3Druck.Com - The Independent AM Magazine, 14 Aug. 2019, 3druck.com/scanner/source-form-3d-druck-bildsuche-5884656.

Watkin, Hanna. "This 3D Printer Prints Whatever You Want – Without STLs." All3DP,   12 Aug. 2019, all3dp.com/4/this-3d-printer-prints-whatever-you-want-   without-stls.

Bland, Susan. "Artists, designers, and engineers join forces to build protective body panels for robots." News | Virginia Tech. February 17, 2017. https://vtnews.vt.edu/articles/2017/02/icat-eschersuit.html.

Bland, Susan. "Parallel computing sculpture SeeMore named one of the top projects in the world." News | Virginia Tech. October 18, 2016. http://vtnews.vt.edu/articles/2016/10/icat-seemoreaward.html.

Upton, Liz. "SeeMore for World Maker Faire 2015." Raspberry Pi. September 18, 2015. https://www.raspberrypi.org/blog/seemore-for-world-maker-faire-2015/.

Patel, Neel V. "Meet SeeMore, a 256-node Computer Cluster." Inverse. September 28, 2015. https://www.inverse.com/article/6542-meet-seemore-maker-faire-s-256-node-computer-cluster.

Del Castillo, Michael. "Maker Faire's carnival of invention hits World's Fair grounds." New York Business Journal. September 26, 2015.

http://www.bizjournals.com/newyork/slideshow/2015/09/26/maker-faires-carinval-of-invention-expects-to.html.

Mohammadi, Goli. "French Maker Revolution: An Interview with Bertier Luyt." Make: DIY Projects and Ideas for Makers. May 8, 2014. http://makezine.com/2014/05/08/french-maker-revolution-an-interview-with-bertier-luyt/.

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Fox, Charles. "Indianapolis Art Center's Summer Exhibitions." NUVO. August 15, 2013. http://www.nuvo.net/arts/visual_arts/indianapolis-art-center-s-summer exhibitions/article_d6f40deb-0217-5332-86da-20e8a3e87de9.html.

Zhang, Michael. "Matrix-style Bullet Time Photos Using 20 Polaroid Cameras." PetaPixel. September 19, 2011. https://petapixel.com/2011/09/19/matrix-style-bullet-time-photos-using-20-polaroid-cameras/.

Smith, Susan. "Kendall Faculty Create Sculptural Desk for UICA." Kendall College of Art and Design. October 1, 2011. Accessed April 14, 2017. http://www.kcad.edu/blog/kendall-faculty-create-sculptural-desk-for-uica/.

Savvides, Alexandra. "Polaroid Rig Brings Matrix to Life."cnet.com. September 1, 2011. https://www.cnet.com/_au_redir_/polaroid-rig-brings-the-matrix-to-life-339322678/.

CURATOR/JUROR

2018-2019	Virginia Maker Summit (Co-Chair) Moss Art Center, Blacksburg, VA
2015-2017	Virginia Governor's School Maker Conference (Co-Chair) Moss Art Center, Blacksburg, VA
2016	Southeastern College Art Conference Fellowship (Juror) Hollins University and Virginia Tech, Roanoke, VA
2013	JAX Juried Exhibition (Juror) Jacksonville Center for the Arts, Jacksonville, VA
2011	ArtPrize, Ox-bow Residency Award (Juror) Ox-Bow Artists Residency, Saugatuck, MI
2011	ArtPrize, 3D Jurors Award (1st Round Juror) Grand Rapids, MI

2011   *Urbanity (Co-Curator)*
            Urban Institute of Contemporary Art, Grand Rapids, MI

2011   *Associations* (Curatorial Committee)
            Urban Institute of Contemporary Art, Grand Rapids, MI

2011   *Beacons* (Curatorial Committee)
            Urban Institute of Contemporary Art, Grand Rapids, MI

2010   ArtPrize, 3D Jurors Award (1st Round Juror)
            Grand Rapids, MI

2010   *Displacement* (Curatorial Committee)
            Urban Institute of Contemporary Art, Grand Rapids, MI

2010   *Kendall Sculpture Alumni Show* (Curator)
            JW Marriott, Grand Rapids, MI

2010   National High School Rube Goldberg Competition (Juror)
            Ferris State University, Big Rapids, MI

2008   *Primary* (Curator)
            Kendall Art Gallery, Grand Rapids, MI

2007   Michigan Scholastic Art Awards (Juror)
            Kendall College of Art and Design, Grand Rapids, MI

INVITED LECTURES AND KEYNOTE ADDRESSES

2019   ACM Special Interest Group on Computer Graphics and Interactive Techniques
        Los Angeles Convention Center, Los Angeles, CA

2019   Southeastern College Art Conference, Chattanooga, TN

2018   James Madison University, Harrisonburg, VA

2017   West Virginia Wesleyan College, Buckhannon, WV

2016   National Art Educators Association Conference, Chicago, IL

2015   Delaware Center for Contemporary Art, Wilmington, DE

2013   Washington and Jefferson College, Washington, PA

2013   Las Vegas Contemporary Art Center, Las Vegas, NV

2013   Jacksonville Art Center, Floyd, VA

2012   State University of New York (SUNY) Purchase, Purchase, NY

2012   Murray State University, Murray, KY

2011   University of Huston, Huston, TX

2006   Colorado College, Colorado Springs, CO

2006   Alfred University State College of Ceramics, Alfred, NY

2005   Maine College of Art, Portland, ME

EDUCATION

2004   Rhode Island School of Design
            Master of Fine Art with Honors, Sculpture

2002   Ohio University
            Bachelor of Fine Art, Sculpture