

Julian Voss-Andreae

Biography

Julian Voss-Andreae is a German sculptor based in Portland, Oregon. Starting out as a painter he later changed course and studied physics, mathematics, and philosophy at the Universities of Berlin, Edinburgh and Vienna. Voss-Andreae pursued his graduate research in quantum physics, participating in an experiment considered one of the modern milestones of unifying our everyday intuition with the famously bizarre world of quantum physics. He moved to the United States to study Sculpture at the Pacific Northwest College of Art from where he graduated in 2004.

Voss-Andreae's work has quickly gained critical attention. His sculpture, often inspired by his background in science, has captured the attention of multiple institutions and collectors in the United States and abroad. Recent institutional commissions include large-scale outdoor monuments for the University of Minnesota and Rutgers University (New Jersey). Voss-Andreae's work has been featured in print and broadcast media worldwide.

Selected Art Related Awards

2017	CODA awards. Winner in the Education Category for Spannungsfeld
2016	A Visual Chronicle of Lake Oswego. Best in Show Award for Slender Sentinel
2012	PIDart Expo ESID 2012 Competition. Florence, Italy. 2nd prize for Angel of the West Florence, Italy. 2nd prize for Angel of the West Next Big Idea Art Competition. Judges' Choice Award for Quantum Man
2011	Travel Grant and Invitation to "The Institute of Science in Society" Conference (London, UK)
2010	Travel Grant and Invitation to Lectures: Society for Science Communication and Universität Wien (Vienna, Austria)
2009	Travel Grant and Invitation to "Einstein and Picasso" conference (Dortmund, Germany)
2008	Bellingham Big Rock Garden Sculpture Exhibition, Juror's Choice Award for Unraveling Collagen

2007	Moses Lake Sculpture Without Walls, 1st prize for Quantum Man (People's Choice Award)
2005	Regional Arts & Culture Council Professional Development Grant (Portland, Oregon) for lecture at ASCI (NYC)
2004	The Scientist 2004 Art Contest, 1st prize for Light-Harvesting Complex Education
2004	B.F.A. (Major: Sculpture), Pacific Northwest College of Art (PNCA), Portland, Oregon
2000	Physikdiplom (equivalent to a M.S. in physics, summa cum laude), Physics, Mathematics, Chemistry Physics Free University Berlin (Germany), University of Vienna (Austria), and University of Edinburgh (UK)

Selected Exhibitions

2019	Unmatched Pairs, Multnomah Arts Center, Portland, Oregon Art New York 2019, New York City, New York Art Palm Springs 2019, Palm Springs, California
2018	Sitka Art Invitational, World Forestry Center, Portland, Oregon Layers: The Evolving Art of 3D Printing, Lakewood Center for the Arts, Lake Oswego, Oregon Art New York 2018, New York City, New York Art Palm Springs 2018, Palm Springs, California
2017	Art Miami 2017, Miami, Florida CONTEXT Art Miami 2017, Miami, Florida Mad Pursuit: Exploring Science Through the Lens of Art, Ford Gallery, Portland, Oregon Art Miami New York 2017, New York City, New York Napa Valley Arts in April, Bardessono Hotel & Spa, Yountville, California Art Revolution Taipei Art Fair 2017, Taipei, Taiwan

Messum's Gallery, London, UK

Art Palm Springs 2017, Palm Springs, California

2016

Art Miami 2016, Miami, Florida

CONTEXT Art Miami 2016, Miami, Florida

Monaco Yacht Show 2016, Port Hercules, Monaco

510 museum & ARTspace, Lake Oswego, Oregon

Encounters Between Biology and Contemporary Art, Central Academy of Fine Arts Museum, Beijing, China

A Visual Chronicle of Lake Oswego: Gallery Without Walls, Lakewood Center for the Arts, Lake Oswego, Oregon

Artworks Northwest 2016, Umpqua Valley Art Center, Roseburg, Oregon

Art Revolution Taipei Art Fair 2016, Taipei, Taiwan

Napa Valley Arts in April, Bardessono Hotel & Spa, Yountville, California

2nd National Juried Exhibition: Art + Science, Tom Thomas Gallery, Indiana University East, Richmond, Indiana

Outdoor Sculpture Invitational, Clackamas Community College, Molalla, Oregon

2015

Art San Diego Art Fair 2015, San Diego, California

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International Sculpture Center LittleSCULPTURE Show, Bentley Gallery, Phoenix, Arizona

Silicon Valley Art Fair 2015, San Francisco, California

Tech + Art, The Ann Arbor Art Center, Ann Arbor, Michigan

Boloix Fine Arts Gallery, Sun Valley, Idaho

Art Revolution Taipei Art Fair 2015, Taipei, Taiwan

Palm Springs Fine Art Fair 2015, Palm Springs, California

2014

2nd International Conference of Science, Technology, and Art Relations, Technion, Haifa, Israel

Exhibition, Port of Portland, Portland, Oregon

The Quantum Moment, Simons Center for Geometry and Physics, State University of New York, Stony Brook, NY. Curated by Robert P. Crease

Art of the Allison Sculpture Exhibition, The Allison Inn & Spa, Newberg, Oregon

Oregon Art Beat Exhibition, Peoples Art of Portland, Portland, Oregon

Palm Springs Fine Art Fair, Palm Springs, California

2013 Little SCULPTURE Show, International Sculpture Center, Miami, Florida.
Pittman Addition HydroPark, Portland, Oregon.

Christian Hohmann Fine Arts, Palm Desert, California

Elements in Balance, Annmarie Sculpture Garden, Solomons, Maryland

Downtown Abstractions, Stamford, Connecticut

Art on Fourth, Ketchum, Idaho

Aesthetica Art Prize Exhibition, York St Marys, York, UK

2012 5th Beijing International Art Biennale, National Art Museum of China, Beijing, China

New Works, Frederic Boloix Fine Arts Gallery, Sun Valley, Idaho

ESID conference 2012, Florence, Italy

Clackamas Outdoor Sculpture Exposition, Oregon City, Oregon. Curated by Rick True

Science Art 2012, The Central House of Artists, Moscow, Russia. Curated by Simon Erohine

2011 Intersculpt 2011, Galerie Luc Monod, Paris, France. Curated by Mary Visser and Christian Lavigne

Science and Art, Sarah Silberman Art Gallery, Montgomery College, Rockville, Maryland

New Works, Frederic Boloix Fine Arts Gallery, Sun Valley, Idaho

Quantum Jazz Biology * Medicine * Art, ISIS Meeting, London, UK

Science without Borders, Annual AAAS Meeting, Washington, DC.

The Consilience of Art & Science, Pence Gallery, Davis, California

Measure for Measure, Central Booking Gallery, Brooklyn, New York.

- 2010 Attract/Repel, Central Booking Gallery, Brooklyn, New York. Chemical Reactions, Central Booking Gallery Brooklyn, New York.
- Art & Science Exhibition, ISMB 2010, Boston Art Inspired by Science, Schneider Museum of Art, Ashland, Oregon
- Interferente, National University of Art, Bucharest, Romania.
- 2008 Quantum Objects (Worlds Within Worlds), American Center for Physics, College Park, Maryland. Coos Art Museum, Coos Bay, Oregon.
- From Structures to Sculptures, Centre for Cellular and Molecular Biology, Hyderabad, India.
- El Paseo Invitational Exhibition, Palm Desert, California.
- Swiss Institute of Bioinformatics, Lausanne, Switzerland.
- 2007 West Edge Sculpture Exhibition, Seattle, Washington.
- Clackamas Outdoor Sculpture Exposition, Oregon City, Oregon
- Mein Gen, das hat fünf Ecken..., Zentrum für Kunst und Medientechnologie, Karlsruhe, Germany
- Outdoor Sculpture Invitational, Maryhill Museum of Art, Goldendale, Washington
- 2006 Wonderfest, Stanford University and UC Berkeley, California
- German American Artists, German Consulate General, San Francisco, California
- Natural Cycles, Tryon Creek State Park, Portland, Oregon
- Orange Memorial Park Sculpture Garden, City of South San Francisco, California
- 2005 Art Intersect Science, Lucid Gallery, San Francisco, California
- I'm Ready For My Close Up, Washington Gallery of Photography, Bethesda, Maryland
- The Convergence of Art and Science, Fort Collins Museum of Contemporary Art, Fort Collins, Colorado
- 2004 Lifeboat Miami, Miami Beach, Florida. X
- Lifeboat Miami, Miami Beach, Florida. DNA Art & Science, Contemporary Art Museum, Tampa Florida

Selected Institutional Collections

Georgia Institute of Technology (Atlanta, Georgia), Portland Community College (Portland, Oregon), Susquehanna University (Selinsgrove, Pennsylvania), California Institute of Technology (Pasadena, California), City of Hope National Medical Center (Duarte, California), Clarksburg Premium Outlets (Clarksburg, Maryland), Texas Tech University (Lubbock, Texas) University of Minnesota (Minneapolis, MN), Rutgers University (Piscataway, NJ), DePauw University (Greencastle, IN), The Bravern (Bellevue, WA), The Scripps Research Institute (Jupiter, FL), The Maryhill Museum of Art (Goldendale, WA), The University of Washington (Friday Harbor, WA), The City of Moses Lake (Moses Lake, WA), Institute for Molecular Bioscience, University of Queensland (Brisbane, Australia), Linus Pauling Center (Portland, OR), Pacific NW College of Art (Portland, OR)

Selected Media Coverage

- 2019 Evanescence of Steel, Deedesk.art (May 12)
- The Cosmic Mystery Tour by Nicholas Mee (Oxford University Press)
- Isabelle, Stainless Steel in Architecture Applications (Vol. 5, January 8)
- 2018 “Julian Voss-Andreae: intrygujące rzeźby naukowego futurysty” Isolations (in Polish, December 28)
- Interview with Julian Voss-Andreae, 3d Imperial (in Chinese, November 15)
- “Sculptures quantiques, Les Débrouillards” (in French, November 1)
- "Las fantásticas esculturas invisibles de Julian Voss-Andreae" El Hormiguero, Antena 3 TV (in Spanish, June 21)
- "Les secrets scientifiques de 45 œuvres d'art" by Loïc Mangin (Paris: Humensis)
- "Julian Voss-Andreae, escultor y doctor en física cuántica" Las musas despiertas (in Spanish, April 17)
- “Des sculptures... invisibles” 20 Minutes, Le Rewind (in French, April 3)
- “New Downtown Palm Springs Sculpture is a Showstopper” KMIR TV (April 1)
- “New Sculpture Unveiled” CBS 2 TV (March 30)
- “Sculptures Disappear into Thin Air” Art Insider (March 28)

Electronic Journal of Theoretical Physics, Cover image (Volume 11 Number 30, March 18)

"Quantum sculptures" Mashable (March 8)

"Disappearing Sculptures by Julian Voss-Andreae" My Modern Met (February 22)

"The Quantum Man Effect" by Judy Davis. Semiconductor Engineering (January 8)

"The Quantum Man Effect" by Judy Davis. Semiconductor Engineering (January 8)

2017 New PCC sculpture highlights students' stories, KGW Portland (January 5)

2016 PCC adding new sculpture on campus, KGW Portland (December 31)

"Quantumobjecten" ("Quantum objects", in Dutch), Nederlands Tijdschrift voor Natuurkunde (June issue)

"A different 'Beat' Generation", The Oregonian (April 25)

"U unveils its ultra-tech nano lab," Star Tribune Minneapolis (April 23)

2014 Colliding Worlds: How Cutting-Edge Science is Redefining Contemporary Art" by Arthur I. Miller (New York, NY: W. W. Norton & Company)

2013 "Caltech, NYU scientists team up with sculptor to develop 'biomimetic self-replicating materials'", KPCC (August 26)

"Rutgers University commissions physicist turned sculptor", Art Daily (August 15)

"Aesthetica Art Prize 2013", 100 Contemporary Artists (York, UK: Aesthetica Publishing)

L'art quantique se tisse", Pour la Science (August issue) "Searching for Certainty", by L. Gamwell (Princeton, New Jersey: Princeton University Press)

"Art and Atoms" edited by Tami U. Spector and Roger Malina. (Cambridge, Massachusetts: MIT Press Journals)

2012 "Quantum art at Boloix Gallery" Idaho Mountain Express (August 1)

"Best Gallery in Idaho: Frederic Boloix Fine Arts" Highlight Hollywood (July 25)

"The Big Question: 'What are the most interesting art and science ideas today?'" Wired "Artistic Quantum objects?", About Art & Design (April 25)

- “Sculpting Proteins” (video), Beckman Institute, 2012 University of Illinois (March 27)
- 2011 “Maryhill Museum opens \$10M wing,” Daily Journal of Commerce (April 25)
- “Welding Art and Science”, DePauw University (November 1)
- “Vanishing Sliced Steel Sculpture”, My Modern Metropolis (October 12)
- “Principles of Biochemistry”, textbook by L. Moran, R. Horton, K. Scrimgeour, and M. Perry (Boston, MA: Pearson)
- “Vortex Woman” (August 31) and “Quantum Glass” (August 3),
- The Weekly Sun “Science in art and art in science: an interview with Julian Voss-Andreae”,
- ASBMB Today “The Art of Making Science Dance”, Huffington Post
- 2010 “Quantum concepts you can touch”, Symmetry Magazine, pp. 28-31 (April issue)
- “Quantum Sculpture: Art Inspired by the Deeper Nature of Reality”, Quantum Health, pp.24-27 (February issue)
- “Quantum Man”, 1859 Oregon’s Magazine (Winter 2010)
- “Artful Quandary”, City Arts Seattle, pp. 7-8 (February 25, 2010)
- 2009 Cover art, Academic Medicine (December 2009)
- Quantum objects on show, Nature, p. 416 (November 26)
- Bodies in motion, The World (March 13)
- Sculptor mixes physics, art in his creation for Scripps, Sun Sentinel, p. 5B (March 11)
- “Angel of the West’ brings science, art to life, T.C. Palm (March 3)
- Art of Science, The Times of India, Hyderabad (February 26)
- 2008 Quantum of culture, Physics World (September 1), pp. 19-21
- ‘Gallery Without Walls’ puts art in public spaces, The Oregonian (August 14)
- The Passion of Proteins, PNCA newsletter re:view, p. 6 (Summer 2008)
- Protein Sculptures for the People, AWIS Magazine, pp. 14-17 (Spring 2008)
- The crucible: Art inspired by science should be more than just a pretty picture, Chemistry World, pp. 42-43 (March 2008)

- The Dog, the Scientist, and the Frisbee, (interview) Sculptural Pursuit, pp. 27-33 (Spring 2008)
- Outdoor Sculpture Garden Gains Additions, Maryhill Magic (Winter 2008)
- 2007 Invisible Monuments, (in Russian) Computerra, pp. 26-28 (December 5)
- Art of Science Update, Protein Data Bank Newsletter, p. 4 (Fall 2007, Number 35)
- Escultor de proteínas, ("Protein sculptor", in Spanish), El País (September 19)
- Let's Talk About Our Roots, Atlantic Monthly (September issue)
- Sculpture show takes steps in right direction, Seattle Times (July 27)
- Wanderer zwischen den Welten, ("Wanderer between the worlds", in German), Stahlreport, pp. 38-39 (July issue)
- Sculpture voters take a 'Quantum' leap,, Columbia Basin Herald (June 13)
- Physik lässt einen nicht einfach los, ("Physics doesn't simply let go of you", interview in German), Physik Journal (June issue)
- Give us a brake, The Oregonian, In Portland (April 12)
- Skagit Valley Herald, Skagit Valley Herald (March 24)
- Julian Voss-Andreae, Protein Sculptor, (interview), Protein Data Bank Newsletter, pp. 9-11 (Winter 2007, Number 32)
- Cover art, Current Proteomics (all 2007 issues)
- 2006 Once a physicist: Julian Voss-Andreae (interview), Physics World, p. 44 (Nov. issue)
- Natural Cycles: A Celebration of Art in the Forest, The Oregonian (September 15)
- Nature and art intertwine at park, The Oregonian (October 13)
- 'Family day' to feature art, Lake Oswego Review (September 14)
- Up the Creek Without a Buckyball?, Willamette Week (September 13)
- A human as a quantum object, Physics World, p. 7 (September issue)
- Dual Nature, Science Magazine (August 18) pdf
- Art Intersect Science, The GalaxyGoo Gazette (Summer issue)
- Park art, San Francisco Magazine (June issue)

	Guardino Gallery, Portland Monthly (May issue) p. 166
	Unraveling Collagen' structure to be installed in Orange Memorial Park Sculpture Garden, Expert Review of Proteomics (3 2)
	Heart of Steel' A Science Lesson, LOFA Artnews (Number 2/Spring)
	Gallery: Julian Voss-Andreae, Symmetry Magazine (February issue)
	Cover art, Current Proteomics (all 2006 issues)
2005	Inspirierende Proteine, ("Inspiring proteins", in German), Physik Journal (October issue)
	Blood and Steel, Science Magazine (September 30)
	New art comes to downtown, Lake Oswego Review (September 29)
	New statues unveiled, Lake Oswego Review (September 22)
	Scene and Heard, The Sunday Oregonian (January 16)
	Cover art, Current Proteomics (all 2005 issues)
2004	Portland Modern 1 (August 1), Portland Modern 1 (August 1)
	Alpha Helix for Linus Pauling, The Portland Mercury (May 13)
2000	Die Quantenwelt wird sichtbar, "The Quantum World becomes Visible", in German), Berliner Zeitung (December 6)
1991	Ausstellung im Rathaus, ("Exhibition in City Hall", in German), Elbe Wochenblatt (October 30)
1990	Preisverleihung im 'Weißen Haus', ("Award Ceremony in the ' White House'", in German), Elbe Wochenblatt (November 7)

Publications

2017	International Sculpture Day' fêted in Sellwood, The Bee (July 5)
	Bits & Pieces: Statue sitting, Portland Tribune (June 21)
	Art Materializes from Molecules, Metal, Portland Tribune (January 24)
2016	Meet the new sculptures in the Gallery Without Walls, West Linn Tidings (September 1)

- Do spins have directions?, by Diederik Aerts Massimiliano and Sassoli de Bianchi. Springer Soft Computing (November 4)
- 2015 Do spins have directions?, by Diederik Aerts Massimiliano and Sassoli de Bianchi. Springer Soft Computing (November 4)
- Voss-Andreae ships Texas Tech commission, by Paul Haist. Pacific Northwest Sculptors Newsletter (July 27)
- Gallery showcase, Sun Valley Magazine (Summer issue) Strike a Pose, Harvard Medicine Magazine (Winter 2015, Vol. 88, Nr. 1)
- 2014 Cose che faremo, vedremo, proveremo nel 2015, Marie Claire Italy (December 24)
- Un-Natural Nature, Issues in Science and Technology (Winter 2015)
- Right Brain, Left Brain: Physicists as Artists, APS News (Vol. 23, No. 10, November 2014)
- Walking Qbist Woman, SciArt in America (August 2014)
- Science and Culture: Sculptures reproduce protein structures, Proceedings of the National Academy of Sciences (July 8) Meet the artists, Sun Valley Magazine (Summer issue)
- Beyond wonder, Chemistry World (July issue)
- Sculptures feature diverse local artists, The Newberg Graphic (June 25)
- Internationally known sculptor to speak here, Willamette Views 37 6 (June)
- Quantumobjecten, ("Quantum objects", in Dutch), Nederlands Tijdschrift voor Natuurkunde (June issue)
- A different 'Beat' Generation, The Oregonian (April 25)
- U unveils its ultra-tech nano lab, Star Tribune Minneapolis (April 23)
- 2013 Spotlight on Hidden Physicists: The Quantum Sculptor, Radiations Magazine (Fall 2013)
- Re-Visioning Reality: Quantum Superposition in Visual Art, L. Stone. Leonardo 46 5 (October)
- Science as Inspiration, The Sunday Star-Ledger (September 29)
- Rutgers dedicates molecule sculpture, Asbury Park Press (September 27)

Surrounded by science, a sculpture rises at Rutgers, The Home News Tribune (September 24)

\$187,000 sculpture finds home on Busch campus, The Daily Targum (September 23)

Artist turns to science for his sculptures, The Oregonian (September 18)

Bits & Pieces: Protein power, Portland Tribune (September 5)

L'art quantique se tisse, Pour la Science, pp. 88-89 (August issue)

2012 Quantum art at Boloix Gallery, Idaho Mountain Express (August 1)

Art of the Quantum Moment, R. Crease and A. Goldhaber. Proceedings of Bridges 2012, pp. 307-314

The Big Question: 'What are the most interesting art and science ideas today?', Wired Magazine (June 6)

Maryhill Museum opens \$10M wing, Seattle Daily Journal of Commerce (April 25)

Arts Appreciation. Artistic endeavors flourish in the City of Roses, Alaska Airlines Horizon, p. 12-19 (October 2011)

Vortex Woman, The Weekly Sun, p. 10 (August 31)

Quantum Glass, The Weekly Sun, p. 6 (August 3)

2011 Arts Appreciation. Artistic endeavors flourish in the City of Roses, Alaska Airlines Horizon, p. 12-19 (October 2011)

Vortex Woman, The Weekly Sun, p. 10 (August 31)

Quantum Glass, The Weekly Sun, p. 6 (August 3)

Cover art, Leonardo 44 1 (February 2011)

Science in art and art in science: an interview with Julian Voss-Andreae, ASBMB Today (January 2011)

2010 Quantum Man, 1859 Oregon's Magazine, pp. 23-25 (Winter 2010)

Quantum concepts you can touch, Symmetry Magazine, pp. 28-31 (April issue)

Quantum Sculpture: Art Inspired by the Deeper Nature of Reality, Quantum Health, pp. 24-27 (February 2010)

Artful Quandary, City Arts, pp. 7-8 (February 25, 2010)

- 2009
- Cover art, Academic Medicine (December 2009)
 - "Objects on show", Nature (November 26, 2009)
 - "Sculptor mixes physics, art in his creation for Scripps", Sun Sentinel Florida (March 11, 2009)
 - Sculptures inspired by quantum physics", BoingBoing (November 17)
 - "Sculptor mixes physics, art in his creation for Scripps", Sun Sentinel Florida (March 11, 2009)
 - "Art of Science", The Times of India, Hyderabad (February 26, 2009)
 - Sculptures inspired by quantum physics", BoingBoing (November 17)
 - "Protein sculpture inspired by Vitruvian Man" BoingBoing (October 22)
- 2007
- "Invisible Monuments)" (in Russian), Computerra (December 5)
 - "Escultor de proteínas" (in Spanish), El País (September 19)
 - "Sculpture show takes steps in right direction", The Seattle Times (July 27)
 - "Physik lässt einen nicht einfach los" (interview, in German), Physik Journal (June issue)
- 2006
- "A human as a quantum object", Physics World (September issue)
 - "Dual Nature", Science (August 18)
 - "Wanderer zwischen den Welten" (in German), Lernziel 24 (July)
 - "Seeing Below the Surface" (interview), Seed Magazine (May 11)
 - "Nature and art intertwine at park", The Oregonian (October 13)
 - "Inspirierende Proteine", Physik Journal (October issue)"Blood and Steel", Science (September 30)
- 2005
- "Diskurs: Einstein's Erben. Quantenbillard oder: Die spukhafte Fernwirkung" Westdeutscher Rundfunk Köln, (April 9)
 - "Scene and Heard", The Sunday Oregonian (January 16)
 - "Scene and Heard", The Sunday Oregonian (January 16)
- 2004
- "Linus Pauling Statue", Oregon Art Beat (OPB Television, May 6)
 - "Alpha Helix for Linus Pauling", The Portland Mercury (May 13)
 - "Bio-Art", Protein Spotlight (December 20)

“Protein Sculptures”, Genome News Network (October 1)

2000 “Die Quantenwelt wird sichtbar” (“The Quantum World becomes Visible”, in German), Berliner Zeitung (December 6)

1999 Arndt, M., O. Nairz, J. Voss-Andreae, et al. “Wave-Particle Duality of C60 Molecules”. Nature 401, pp. 680—682.