

VR/AR/tech pioneer with breathing.ai ([www.breathing.ai](http://www.breathing.ai)) and SEAing Breath ([www.seaingbreath.com](http://www.seaingbreath.com)), mindfulness guide ([www.webreathions.com](http://www.webreathions.com)), neuroscience, mindful tech & art ([www.hannesbend.com](http://www.hannesbend.com))  
Consulting, research, mindfulness, education & project management

*Currently Science Sandbox Fellow at NEW INC, the museum-led incubator of The New Museum 2019-2020:*  
<https://www.newinc.org/year-6-members/hannes-bend>

### Experience

15+ years in Fine Arts, 5+ years in Science, 5+ years in Technology, 5+ years in Mindfulness/Yoga, 5+ in Education

### Education

2001-2007 Visual Arts Diploma (MFA-equivalent in Germany) Kunsthochschule Berlin-Weissensee in Berlin, Germany  
2014-2016 Artist-in-residence at Quantum Physics Alemán Lab and Institute of Neuroscience (University of Oregon)

### Selected work experience

Since 2018

Founder and CEO of breathing.ai, inventor of "Adaptive Interfaces," management, research, app development, social media, writing grant and accelerator applications: [www.breathing.ai](http://www.breathing.ai)

2016-2018

Orchestrated, curated, and launched the project "SEAing Breath" for Miami-Dade County and University of Miami (UM)  
Development and presentation of virtual reality biofeedback program at museums: [www.seaingbreath.com](http://www.seaingbreath.com)

2017

Technologist and artist-in-residence at ThoughtWorks, Directing "Biofields" (biosensors and volumetric arithmetic simulations): <https://thoughtworksarts.io/bio/hannes-bend/> and <https://thoughtworksarts.io/projects/biofields/>

Sept-Dec 2016

Organizer, curator and initiator of the project "Youniverse" with 50+ international contributors for non-profit organization apexart in New York City | Website: [www.apexart.org/exhibitions/bend.php](http://www.apexart.org/exhibitions/bend.php)

2014-present

Mindfulness, deep breathing and yoga instructor for nonprofit Mission Be (as mindful educator), NYC Department of Health, online, research universities, The Rubin Museum of Art and offices such as WeWork HQ and ThoughtWorks, 200h Yoga Teacher Certification  
[www.webreathions.com](http://www.webreathions.com) and [www.insighttimer.com/hannesbend](http://www.insighttimer.com/hannesbend) and [www.missionbe.org/mindful-educators/](http://www.missionbe.org/mindful-educators/)

2014-2016

Visiting scholar at the Quantum and Nanoscale Physics Alemán Lab and artist-in-residence at the Institute of Neuroscience, University of Oregon: [www.alemanlab.uoregon.edu/group-members/hannes-bend/](http://www.alemanlab.uoregon.edu/group-members/hannes-bend/)  
Research: EEG study with the lab of Professor Edward Vogel with Professor Dr. Michael Posner  
Developed and launched the virtual reality (VR) program "mYndful" with heart rate biofeedback  
Technology: Matlab, Unity, AgiSoft Photoscan, Photoshop, Word, OpenOffice, Premiere Pro  
[www.hannesbend.com/index.php?/current/myndful/](http://www.hannesbend.com/index.php?/current/myndful/)

2013-2018

Successfully created, led, and managed art installations at Art Basel Miami Beach (also for Gallery Hauser & Wirth), Art Basel, Art Basel Hong Kong, Frieze New York, Armory Art Fair NY, Photo Paris LA | Maquette Fine Art Services NY (art installations, transport) | Handmade Frames New York (transport, art installations, overseeing exhibitions)

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2013-2015

Advisor and initiator of the project "Reef ReCreation" as a graduate program for the University of Michigan  
Research: Internationally conducted research on ecosystems and artificial reefs, creation of a virtual artificial reef solution

Technology: Rhinoceros 3D, web development

[www.seas.umich.edu/masters-projects/reef-recreation-designing-nature-redevelop-ecological-catastrophe](http://www.seas.umich.edu/masters-projects/reef-recreation-designing-nature-redevelop-ecological-catastrophe)

2005-2008

– As a studio manager, successfully supervised and directed a technical team at Atelier Anselm Reyle, Berlin (project management, research, archive of art works, organization, production, transport)

– Conducted research for publications for the exhibition "Into Me-Out of Me" by collaboration with Team Berlin Biennale at Kunstwerken KW Berlin and PS 1, New York | Galerie c/o Berlin, Berlin, technical director | Co-technical director for the organization of the exhibition "Anstoss, Berlin" for Haus am Waldsee, Berlin | Studio assistant for Melanie Manchot and Stuart Haygarth

### Selected exhibitions and projects

2018  
MIT Media Lab, Cambridge; Harvard University Science Center, Cambridge; The Rubin Museum of Art, NY; Pérez Art Museum Miami (PAMM); SPRING/BREAK Art Show, NY; World Maker Faire, Hall of Science, NY; Science and Nonduality conference, San Jose; Transformative Technology Conference, Palo Alto

2017  
Frost Museum of Science, Miami; Dorsky Gallery Curatorial Programs NY; World Maker Faire, New York Hall of Science, NY; PeaceBoat US, NY; HistoryMiami Museum; Vizcaya Museum and Gardens, Miami; Miami Center for Architecture & Design

2016  
Bell Labs, NJ; Jamaica Center for Arts and Learning, Queens, NY; Anderson Contemporary Art Museum, Roswell (New Mexico); Institute of Neuroscience, University of Oregon, Eugene, OR

2015  
Bronx Museum; Bronx River Art Centre; Mills Art Center, University of Oregon, Eugene, OR; Alliance for the Arts in Research Universities a2ru National Conference, Virginia Tech, USA

2014  
Michael Thibault Gallery, LA

2013  
Souterrain Berlin

2012  
Charest-Weinberg Gallery, Miami; DAAD Galerie, Berlin; LegalArt Miami

2011  
Galerie Crone, Berlin; Galerie Levy, Berlin

2010  
Half Gallery, New York; Freies Museum Berlin; Mill, Wassaic Project, New York; Texas Firehouse, NY

2009  
Tape Modern, Berlin; Elizabeth Foundation for the Arts, New York

2007  
New General Catalog, New York

2004  
Rudolfhalle, Berlin

### Residencies, grants, awards

2019  
Science Sandbox Fellowship from the Simons Foundation for NEW INC membership 2019/2020:  
<https://www.newinc.org/year-6-members/hannes-bend>

2017  
ThoughtWorks Arts Residency New York, NY <https://thoughtworksarts.io/bio/hannes-bend/>

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2017  
Finalist "Emergency Contact: New Ideas for Neighborhood Mental Health Centers," Van Alen Institute NY  
2014-2016  
Artist-in-residence at the Institute of Neuroscience and Quantum and Nanoscale Alemán Lab, University of Oregon:  
<https://hannesbend.com/wp-content/uploads/2019/10/Alemán-Lab-Hannes-Bend-UO-2-860x1024.jpg>  
2016  
"Best Presentation Award," panel "Well-Being Computing," AAAI SS, Stanford University; Selected for National Conference of Alliance for the Arts in Research Universities a2ru at Virginia Tech, USA  
2015  
National Science Foundation Grant; Alliance for the Arts in Research Universities; SLSA Travel Grant for independent scholars; Foundation for Contemporary Arts Grant  
2014  
Project for "Third Culture Projects," University of Oregon; National Science Foundation Grant  
2013  
Robert Rauschenberg Foundation Grant; AIM Program Bronx Museum; Max Kansas City Grant; Legal Art Miami Residency  
2010/2011  
Fountainhead Residency Miami  
2010  
ArtSlant Golden Frame Award; Wassaic Residency, New York

#### Public art projects

2016-2018  
"SEAing Breath" project for the SEA LEVEL RISE public art project of Miami-Dade County Art in Public Places and University of Miami: [www.seaingbreath.com](http://www.seaingbreath.com)  
2015  
"Bronx Bit(e)s / sweet streets" project for the Bronx Museum Biennale  
2014-2016  
"mYndful" project for the University of Oregon and Oregon Arts Commission

#### VR/AR projects merging art/science/mindfulness/ocean advocacy

2019  
"Reality, Virtually" Hackathon at MIT Media Lab; Initiated and co-created the AR (Magic Leap) healthcare project "heART":  
<https://devpost.com/software/heart-304i5h>  
2018  
– "Breathing in AR" - Augmented Reality breath biofeedback experience with a virtual panda and Wim "The Iceman" Hof using the Mira Prism AR device:  
[https://www.youtube.com/playlist?list=PLxkGuUxHzSsVdyJJ00gL\\_zawpQRJtixcB](https://www.youtube.com/playlist?list=PLxkGuUxHzSsVdyJJ00gL_zawpQRJtixcB)  
– "Wim Hof in Poland" - Virtual Reality experience in collaboration with Wim "The Iceman" Hof  
<https://youtu.be/UtidvRctv24> and <https://youtu.be/Vbb2VgKqj8w>  
– "frOM the heART" at the "Creating Reality" Hackathon, University of Southern California (USC), LA  
<https://devpost.com/software/from-the-heart>  
2017  
– "Awere" - Gamified VR experience with breath biofeedback using the Oculus Gear VR:  
<https://hannesbend.com/#main/mindfultech>  
2016-2018  
– "SEAing Breath" - art/science Virtual Reality experience with breath biofeedback, part of the SEA LEVEL RISE Public Art Program by Miami-Dade County and the University of Miami <http://www.miamidadepublicart.org/#news/4664> and [www.seaingbreath.com](http://www.seaingbreath.com)  
2014-2016  
– "mYndful" - Virtual reality (VR) program with heart rate biofeedback based on science/art research and development at the Institute of Neuroscience and Quantum and Nanoscale Physics Alemán Lab at the University of Oregon. Presented at museums, galleries and conferences internationally: <https://hannesbend.com/?portfolio=mynd>

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### Curated exhibitions and projects

2016

"Youniverse" at apexart, NY <https://www.apexart.org/exhibitions/bend.php>

2010

"Satellites," initiator and co-curator of the group show, Freies Museum Berlin

2006/2007

Co-founder and curator of the art space TOTAL Art Space in Berlin-Neukoelln

2004

"b00d," initiator/curator of group show, Kunsthochschule Berlin, Rudolphalle, Berlin

### Lectures, papers, presentations

2018

Finalist in flash competition "Delancey, Grand & Essex" by Van Alen Institute, NY

<https://www.vanalen.org/events/delancey-grand-essex-beer-build-flash-competition/>

2017

Finalist in flash competition "Emergency Contact: New Ideas for Neighborhood Mental Health Centers" by Van Alen Institute, NY

<https://www.vanalen.org/projects/emergency-contact-flash-competition/>

2017

Science and Nonduality (SAND) conference, San Jose, CA; Jump Into VR Festival New York, NY

2016

AAAI (Association for the Advancement of Artificial Intelligence) Spring Symposia in panel "Wellbeing Computing: AI meets Health and Happiness Science," Stanford University (paper, poster, presentation); Science and Nonduality (SAND) conference, San Jose, CA; TransTech Conference, Palo Alto, CA; "Science of Consciousness 2016" conference, University of Arizona (poster and paper); New Mexico Tech

2015

"a2ru GroundWorks" Alliance for the Arts in Research Universities National Conference, Virginia Tech (presentation, paper); "Neolife," SLSA conference 2015, Rice University, Houston (presentation, paper); "Toward a Science of Consciousness 2015" conference, University of Helsinki (presentation, paper); "CITL 3rd Annual Conference: Science and the Humanities Confront the Anthropocene," Boston University (presentation); "Constraints" conference, University of Madison-Wisconsin (presentation)

2014

Society for Literature, Science and Arts (SLSA) conference, Dallas

### Teaching

2017-2018

Mindful Educator for the nonprofit Mission Be in High/Middle Schools in the State of New York:

<https://missionbe.org/mindful-educators/>

2014-2016

Guiding weekly meditation sessions for neuroscience researchers, University of Oregon

2016

"Mindfulness" class with virtual reality program for kids and teenagers at Beam Center Summer Camp

2015

Seminar "Art Meets Science: Making the Invisible Visible," University of Oregon

2014/2015

Two-year graduate program, School for Environment and Sustainability (University of Michigan)

<http://seas.umich.edu/masters-projects/reef-recreation-designing-nature-redevelop-ecological-catastrophe>

### Hackathons

2019

"Reality, Virtually" Hackathon at MIT Media Lab:

<https://devpost.com/software/heart-304i5h>

2018

"Breath" hackathon, R/GA, NY (lead speaker)

"Creating Reality" Hackathon, University of Southern California (USC), LA

<https://devpost.com/software/from-the-heart>

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2017

"Reality, Virtually" Hackathon at MIT Media Lab

<https://devpost.com/software/symbio>

"VR for Change" Hackathon at The New School, NYC

### Selected publications, press and published papers

- Medium: The Startup (500k+ readers), "Do you know your heart's favorite color?" June 4, 2019  
<https://medium.com/new-york-times-magazine/what-is-the-perfect-color-worth-6d29acee86e1>
- Forbes Magazine article mentioning "breathing.ai" on Dec 29, 2018:  
<https://www.forbes.com/sites/gregoryferenstein/2018/12/29/the-assemblage-opens-a-co-working-community-for-social-entrepreneurs/>
- Miami Herald, "It's not a construction project — it's public art.", by George Fishman, January 28, 2018  
<http://www.miamiherald.com/entertainment/visual-arts/article197105134.html>
- The Art Newspaper, "As waters rise, artists answer a call to action," by Ben Luke, December 8, 2017  
<https://www.theartnewspaper.com/feature/as-waters-rise-artists-answer-a-call-to-action>
- Van Alen Institute, "Emergency Contact: New Ideas for Neighborhood Mental Health Centers," 2017  
<https://www.vanalen.org/projects/emergency-contact-flash-competition/>
- Reality Sandwich, "Making Art Conscious: A Discussion About Youniverse, Reality," 2016  
<http://realitysandwich.com/321073/making-art-conscious-a-discussion-about-youniverse/>
- "Mindful Technologies – Research and Developments in Science and Art" (lead author), 3-paged paper published for the AAAI (Association for the Advancement of Artificial Intelligence) Spring Symposia 2016, panel "Wellbeing Computing: AI meets Health and Happiness Science," Stanford University  
<http://www.aaai.org/ocs/index.php/SSS/SSS16/paper/download/12765/11973>
- "Secular – visual stimuli in cultural contexts and their present relevance in an art-science project" (lead author), published in catalogue for the 'Toward a Science of Consciousness' conference 2015, Helsinki University
- "Attended Breathing In Virtual Reality (VR) – Mindfulness research at the Institute of Neuroscience (University of Oregon) And Egi Lab," abstract published in catalogue for the "Science of Consciousness 2016" conference, University of Arizona
- Huffington Post, 'Hannes Bend Links Ultra Treehugger And 3,500-Year-Old Tree In 'Essence' by Amanda McCorquodale, June 1, 2012 [http://www.huffingtonpost.com/2012/06/01/hannes-bend-ultra-senator\\_n\\_1563383.html](http://www.huffingtonpost.com/2012/06/01/hannes-bend-ultra-senator_n_1563383.html)
- Inhabitat, 'Hannes Bend's 'Eclipse' Opens Eyes to the Artificial Reef Catastrophe,' by Allison Leahy, April 2012  
<http://www.inhabitat.com/hannes-bends-eclipse-installation-opens-our-eyes-to-the-artificial-reef-catastrophe/>
- Knights Arts, 'Of tires, reefs, and the human condition' by Anne Tschida, April 20, 2012  
<http://www.knightarts.org/community/miami/of-tires-reefs-and-the-human-condition>
- Miami Rail, 'Hannes Bend: ECLIPSE' by Alpesh Patel, June 1, 2012 [http://miamirail.org/summer-2012/hannes-bend-eclipse/?doing\\_wp\\_cron=1363800458.4938879013061523437500](http://miamirail.org/summer-2012/hannes-bend-eclipse/?doing_wp_cron=1363800458.4938879013061523437500)
- Miami Herald, 'Failed Florida reef now the star of Wynwood art exhibition' by Patricia Sagastume, April 8, 2012  
<http://www.hannesbend.com/press.html>
- WLRN, 'How Dozens Of Tires Went From Being At The Bottom Of The Ocean To The Center Of An Art Show' by Patricia Sagastume, March 27, 2012  
<http://www.wlrn.org/post/how-dozens-tires-went-being-bottom-ocean-center-art-show>
- art:21 blog, 'Miami Vortex of "Yes" (Going & Coming, Part 3)' by Bill Bilowit, July 6, 2012  
<http://blog.art21.org/2012/07/06/miami-vortex-of-yes-going-coming-part-3/#more-66588>
- Miami Art Exchange, March 29, 2012  
<http://miamiartexchange.com/2012/03/a-failed-reef-eclipse-at-charest-weinberg/>
- Whitehot Magazine, 'Hannes Bend @ Charest-Weinberg Gallery,' by Shana Beth Mason, April 2012  
<http://whitehotmagazine.com/articles/april-2012-hannes-bend-eclipse/2522>
- The Art Newspaper, 'Candy-insky to show new sculptures,' January 2, 2010
- W Magazine Online, 'Just sweet enough: Hannes Bend' by Venessa Lau, January 15, 2010
- Whitewall Magazine, 'New Artist' by Ana Finel Honigman, Fall 2009  
<http://www.myvirtualpaper.com/doc/WhiteWall/WW-FA09Combined.1/2009090801/#48>

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- The Art Newspaper, 'Candy-insky to show new sculptures,' January 2, 2010
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- Whitewall Magazine, 'New Artist' by Ana Finel Honigman, Fall 2009  
<http://www.myvirtualpaper.com/doc/WhiteWall/WW-FA09Combined.1/2009090801/#48>
- Artnet Magazine, Weekend Update, by Walter Robinson, January 2010  
<http://www.artnet.com/magazineus/reviews/robinson/lazarus-effect1-22-10.asp>
- Vogue Online, Art: Hannes Bend at Half Gallery, by Jenna Lundin, January 15, 2010  
<http://www.vogue.com/culture/article/vd-art-hannes-bend-at-half-gallery/>
- ArtSlant, Triple Threat, December 2010  
<http://www.artslant.com/ny/articles/show/20438>
- Sugarhigh Magazine, sugar-coated, October 6, 2010
- Text for Freies Museum Show, by Stephen Riolo, March 27, 2010
- W Magazine Online, Just sweet enough: Hannes Bend, by Venessa Lau, January 15, 2010  
<http://www.wmagazine.com/w/blogs/editorsblog/2010/01/15/just-sweet-enough-hannes-bend.htm>
- WHITEWALL MAGAZINE, New Artist, by Ana Finel Honigman, Fall 2009 Issue, page 48/49:
- ARTFORUM Online, Popcorn Culture, scene & herd, February 16, 2009  
<http://artforum.com/diary/id=22041>
- Gudberg Magazine, why / why not, Number 8, pages 38-43, 2009  
<http://www.gudberg.de/gudbergVerlag/?p=105>
- Dazed & Confused, Dazed digital, David's Lynchmob, October 2009
- V Magazine Online, Ode to Lynch, January 2009