

**December 2016 issue**

Edited by Cynthia Pannucci  
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**Benoit Maubrey's** "AWA ODORI 3000" is a sound and light performance by his world renowned Die Audio Gruppe; December 16-18, 2016 for Tokushima Japan's LED Festival; adding a new culture to his folkloric electroacoustic-light costumes. <http://www.benoitmaubrey.com/?p=50>

We're adding images+captions of ASCI Members' "recent art-sci work" to our *ASCI eBulletin* issues... so send'em by end of each month! to: "asci [AT] asci [DOT] org"

## **NEW & RENEWING ASCI MEMBERS:**

- ~ **Jerry Spivack**, a Bell Labs pioneer & ASCI Board Member [no website]
- ~ **Agnes Denes** [Lifetime Member], artist, author, and pioneer of the global eco-art movement <http://www.agnesdenesstudio.com>
- ~ **Ron Wild**, science visualization for public outreach; collaborations <http://Bit.ly/GgBLW>
- ~ **Ellen Levy**, complexity art; info-biology, chemistry <http://www.complexityart.com>
- ~ **Anja Witt**, painting; translation of oceanography into art <http://www.anjawitt.de>

## **THANKS! FOR YOUR END-OF-YEAR DONATION:**

*Normally we wait till your bellies are full and spirits high [immediately after Dec.26th], till we email our "End-Of-Year Donation Request"...but sculptor Julian Voss-Andreae generously beat-us-to-it this year! [Donate Button at bottom-right: <http://www.asci.org>]*

## WISHING YOU A JOYOUS HOLIDAY SEASON!

### FYI:

~ The historic former Philips corporation's Natlab building (1914) in Eindhoven, the Netherlands, was known for its revolutionary physics where experimental research was unfettered by product goals [much like Bell Labs in New Jersey/USA], and where, in a basement lab, Room 306, **electronic music was born! The new (2014) Natlab** houses three cultural organizations including Baltan Laboratories; a lab for development and display of electronic arts created in the same spirit of open experimentation of the original Philips Natlab. <http://baltanlaboratories.org/article/report/back-to-the-future:-natlab-&-the-history-of-electronic-music>

~ ARTECA has been launched by Leonardo journal and MIT Press as a new publishing platform for books and journals linking the arts, sciences and technologies; currently including nearly 200 books and more than 4,500 journal articles. <http://arteca.mit.edu/>

~ The Journal of Artist Research offers an unusual means of submissions allowing contributors to compose expositions using an online editing space, the Research Catalogue, that welcomes a variety of approaches to the form, scale, number and balance of contents [not just scholarly writing]; but must meet one key requirement; submissions expose artistic practice as research. <http://www.jar-online.net/index.php/pages/view/123>

~ NEW BOOK: Havi Carel's new book, Phenomenology of Illness, argues that the experience of illness has been neglected by philosophers, and provides a distinctively philosophical account, exploring how illness modifies the ill person's body, values, and world. <http://lifeofbreath.org/2016/10/phenomenology-of-illness-by-havi-carel/>

~ On Dec.7, 2016 a Forum of National Academy of Sciences met to discuss the findings of their Report released this past May 2016 on "GMO Crops: Experiences and Prospects" and you can download the Report or watch a webcast: <http://nas-sites.org/ge-crops/2016/04/27/report-release/>

~ NEW BOOK: "Dyslexia: Profiles of Success" includes profiles of 61 scientists, artists, political leaders, writers, lawyers, professional athletes, doctors, journalists and actors who show us how a prodigious work ethic and resilient spirit helped them overcome dyslexia; published by the Yale University Center for Dyslexia & Creativity. <http://www.rjulia.com/product/dyslexia-profiles-success>

~ Artist and filmmaker, Zev Robinson's website, "The Art and Politics of Eating," features a trailer for his new documentary "The Great British Chilli," is about the influences chillies and spicy foods have had on food in recent decade of UK culture. <http://theartandpoliticsofeating.com/>

~ *SciArt Magazine's* December issue has been published and is ready to view! <http://www.sciartmagazine.com>

~ Fascinating article, "When Einstein Tilted At Windmills" (among others), in the beautiful NAUTILUS magazine. <http://nautil.us/issue/43/heroes/when-einstein-tilted-at-windmills>

~ Richard Bright has published an online catalogue of his digital prints inspired by nature and the brain <http://www.richardbrightart.com/limited-edition-prints> with an online store. After studying Fine Art and Physics, he became the founder/director of The Interalia Centre in 1990, and in 2014, became the editor of the online *Interalia Magazine*, devoted to the interactions between art, science and consciousness.

~ "Timelapse" is a global, zoomable video that lets you see how the Earth has changed over the past 32 years. It is made from 33 cloud-free annual mosaics, one for each year from 1984 to 2016, which are made interactively explorable by Carnegie Mellon University CREATE Lab's Time Machine library, a technology for creating and viewing zoomable and pannable timelapses over space and time. [Thanks to Ursula Freer for sending!] <https://earthengine.google.com/timelapse/>



**Paul Friedlander's** collaborative commission performance project, "Running in Circles/Dancing with Waves," with musician, Zoot Lynam and dancers from the Almada Academy, was part of the Sept.2016 annual Cascais Light Festival in Portugal; video:

[http://www.paulfriedlander.com/text/2016\\_Lumina/Lumina2016\\_0.html](http://www.paulfriedlander.com/text/2016_Lumina/Lumina2016_0.html)

## **EXHIBITIONS, FESTIVALS, FILMS:**

~ "List Projects: Andrea Crespo" takes their own neurological embodiment as a point of inquiry as well as departure for their work in video, drawing, and sculpture to engage with autism as an embodied and a sociocultural entity; MIT List Visual Arts Center's Bakalar Gallery from January 10 - February 19, 2017.

<https://listart.mit.edu/exhibitions/list-projects-andrea-crespo>

~ "cellF" is the world's first neural synthesizer, an analog performative synthesizer composed of neurons from artist Guy Ben-Ary's own body created in collaboration with

Nathan Thompson, Andrew Fitch, Daren Moore, Stuart Hodgetts, Mike Edel and Douglas Bakkum; a premiere performance will take place as part of MONA's Festival of Music + Art in Hobart, Tasmania; Jan.18-22, 2017. <https://mofo.net.au/cellf>

~ Exhibition at The National Academy of Sciences, Washington, D.C...

\* Matthew Shlian's solo exhibition "Chirality" displays his kirigami paper art [origami not just of folds but also is cut]; thru Jan.16, 2017.

<http://www.cpnas.org/exhibitions/current-exhibitions/work-by-matthew-shlian.html>

\* "Aesthetic Automation: The Hand Behind the Machine" is an exhibition of six sculptures and drawings by Baltimore-based artist Chris Bathgate; thru Feb.1, 2017.

<http://www.cpnas.org/exhibitions/current-exhibitions/chris-bathgate-metal.html>

~ "IN HARM'S WAY" group show is part 1 of 2-part series on endangered species in Central Booking Gallery's Haber Space, NYC; thru Jan.22, 2017.

[http://centralbookingnyc.com/galleries/gallery-2-art\\_science/](http://centralbookingnyc.com/galleries/gallery-2-art_science/)

~ Quayola's tech-homage to Claude Monet's floral landscapes involves filming at night with high winds, where precise movement is transformed into gestural motion, composition, and color schemes, emulating impressionistic brushstrokes; MAAG Music and Arts AG, Zürich, Switzerland; December 13, 2016 from 7pm – Midnight and you can preview it here: <https://vimeo.com/194977317>

~ The New York Hall of Science will feature its first "Access: Artist and Scientist Collaborations" project focused on the ideas explored in NYSCI's newest exhibit, "Connected Worlds," such as ecology, connected systems, sustainability and climate change. Included is a documentary interview of the participants. Dec.27, 2016 - Jan.28, 2017. <http://nysci.org/access-artist-and-scientist-collaborations/>

~ "Neutrinos in a New Light" is a solo show by Ellen Sandor and (art)n, Fermilab's 2016 Artist-in-Residence at the Fermilab Art Gallery, Batavia [outside of Chicago]; thru March 17, 2017. <http://news.fnal.gov/2016/11/experience-art-science-three-dimensions-fermilab-dec-2/>

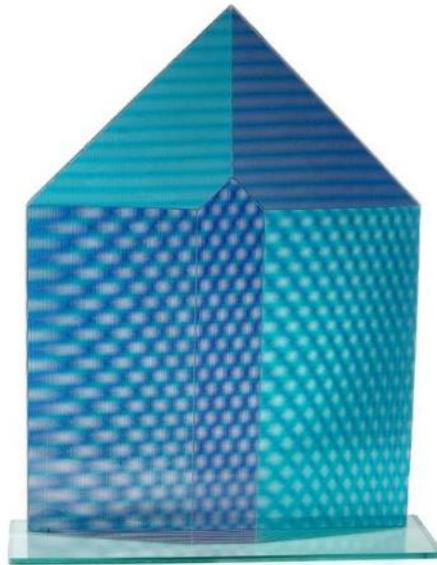
~ "TRIBUTARIES" will be a one-night participatory event where Water itself has rights as a living organism. Through the creation of a visual and interactive performance these artists will investigate how water sinuously cycles from place to place and hand to hand. We invite the public to participate in our performance on Thursday, December 15, 2016, 7pm-9pm to exchange their stories about water; Land Arts of the American West [LAAW] artists, in collaboration with the Santa Fe Art Institute and Water Rights Residents; at the Santa Fe Art Institute; December 15, 2016. <http://landarts.unm.edu>

~ "Halocines" is a collaborative exhibition project of mathematician/sculptor/curator, Iavor Lubomirov, paired in collaboration with six other artists [including ASCI member Valeriya N-Georg]; Jessica Carlisle Gallery, London, UK; Dec.14-18, 2016.

<http://www.iavor.co.uk/Haloclines>

~ The group juried exhibition "Science of the Unseen: Digital Art Perspectives" by AMC-SIGGRAPH launched in 2015, but online and worthwhile viewing! <http://science-unseen.siggraph.org>

~ "Cerebral Wilderness" is a show by Kindra Crick and Jeff Leake that examines the impacts of memory and place on one's inner and outer identify. Works shown represent their collaboration with "NW Noggin", a neuroscience outreach group; Gallery 114, Portland, Oregon. <http://www.gallery114pdx.com/>



**Sydney Cash's** solo show, "PRE-INTERNET | Optically Kinetic Sculptures," features glass sculptures with a twist -- walk past them and their surface patterns "appear" to break into motion! Heller Gallery, NYC; Dec.16, 2016 – Jan.21, 2017. <http://www.hellergallery.com/sydney-cash>

~ "Nectar: War Upon the Bees" is a group show addressing the way that bees are representative of today's growing environmental threats via a rich compilation of imagery that evokes an important and socially engaged mission; Pratt Manhattan Gallery; Dec.9, 2016 – Feb.11, 2017 with a Reception: Dec.8th from 6-8pm. <https://www.pratt.edu/events/exhibitions/pratt-manhattan-gallery/>

~ "10 Degrees" is the title of Chuck Hoberman [inventor of that expanding/contracting sphere toy of the 1990s] solo exhibition of four, large-scale metal structures that easily fold and transform when simple levers are pulled; at Le Laboratoire Cambridge, Massachusetts thru Jan.7, 2017 and there's a short video embedded in this news article. <http://www.bostonmagazine.com/arts-entertainment/blog/2016/10/26/chuck-hoberman-10-degrees-le-lab/>

~ Academy Award winner Jeremy Irons played G.H. Hardy in "The Man Who Knew Infinity," a 2015 film about Indian mathematician Srinivasa Ramanujan. See the trailer: <https://www.youtube.com/watch?v=oXGm9Vlfx4w>

~ The "Sci-Art Synergy" group exhibition shows what can happen when art and science meet, presenting artwork where artists are taking inspiration from science, where scientists are using art to show their work in a new light, and artworks that have been produced from exciting collaborations; on view at Art at the Heart of the RUH, Main Corridor Gallery, Royal United Hospitals Bath NHS Foundation Trust, Combe Park, Bath, UK; thru January 2017. <http://artatruh.org/exhibitions/temporary-programme/central-exhibition/>

~ The SciArt Center announces its inaugural Collection exhibition inspired by Li, the Neo-Confucian Chinese philosophy referring to the order of nature reflected in its organic forms and patterning. <http://www.sciartcenter.org/sciart-artists.html>

~ FILM: "Beyond Discipline" is a 1hr. film on how interdisciplinarity of art, philosophy, neuroscience, mathematics, education and sociology – to name only a few, is both a challenge and an opportunity for future-oriented academic work. It showcases Nobel Prize winner Peter Higgs, highly regarded professors such as Joyce Tait and Richard G. Morris and emerging young scientists from varying fields of research. "BEYOND DISCIPLINE" also captures what is the vision of the GYA: A world-wide network of scientists that together achieve projects that none of them could possibly do on their own. <https://vimeo.com/189619910>



**Eva Lee's** recent collaborative work, "Dual Brains," seeks to discover if empathy is a hard-wired human trait, as well as other neuroscientific questions. Fascinating video at: <http://www.evaleestudio.com/portfolio-item/dual-brains-2/>

## **SYMPOSIA/WORKSHOPS/TALKS:**

~ December talks/presentations at the Swiss Institute, NYC feature artists and writers addressing issues of the Anthropocene, Apocalypse, and what will living in our current "post-truth" times mean for organizing and messaging.

<https://www.swissinstitute.net/events/>

~ The series of events "Chasing Consciousness: from cells to societies, neuroscience to machine awareness" is organized by Y-House, a brain research institute in NYC; takes place on Fridays in the Art Lounge of the Rubin Museum of Art, NYC, 5-6:00pm.

<https://yhousenyc.org/public-dialogues/>

~ "Oh-Man, Oh-Machine" Conference will address questions like: In which arenas are biology & technology cooperating, complementing each other, coevolving and possibly merging, and in which are they competing, merely mimicking one another, or pulling towards different ends? at Tel Aviv University, Israel; 19-20 December 2016.

[https://gallery.mailchimp.com/5978996e19818737bfbd26ae3/files/OMOM\\_2016\\_POSTER.pdf](https://gallery.mailchimp.com/5978996e19818737bfbd26ae3/files/OMOM_2016_POSTER.pdf)

~ The International Society for Electronic Arts is organizing the "ISEA2017 BIO-CREATION AND PEACE" symposium at the Universidad de Caldas | Manizales, Columbia; on 11-18 June 2017... plan now for your trip! <http://isea2017.isea-international.org>

~ Public discussion, "NATURE: OUR BEST CLIMATE TECHNOLOGY?" will explore views of experts about unleashing nature's own 'carbon-capture' technology which could be as significant as stopping burning oil, but would this limit economic progress for those in emerging economies dependent on agriculture and forestry? at IET London, Savoy Place; Feb.9, 2017 at 7pm. <http://www.intelligencesquared.com/events/nature-our-best-climate-technology/>

~ The UK-wide "Being Human Festival" took place in November in partnership with The Human Mind Project... lots of interesting online documentation! <https://beinghumanfestival.org/>

~ "ART+CLIMATE=CHANGE" 2017 Festival in Australia will run from 11 April to 19 May 2017 and will include: 28+ exhibitions in Melbourne and regional Victoria, keynote presentations by leading international cultural commentators, public forum and panel sessions, workshops, bike tours, and a very special major installation that was shown during the Paris Climate Conference. <https://climarte.org>



**Ackroyd & Harvey's** recently completed public artwork using the waste product of Welsh slate (over 500-million years old) for the inauguration of the David Attenborough Building at the University of Cambridge, UK. <http://www.conflictedseeds.com/slate-works/>

## OPPORTUNITIES:

~ Brown University's new Center for the Creative Arts in Providence, Rhode Island, is seeking art exhibition proposals for experimental, interdisciplinary and emerging art forms are preferred and projects that address the theme of "Arts and the Environment" are encouraged; their new Arts Center is a state-of-the-art facility for multi-media experimentation and serves as a catalyst for collaboration among the arts, sciences, and humanities; Deadline: January 8, 2017. <https://www.brown.edu/academics/creative-arts-council/call-proposals-0>

~ Biohack Academy is taking place 31 Jan-4 April 2017 at the University of Western Australia in Perth and it's FREE! <http://biohackwa.com/bha/>

~ Biofaction's Open Call for an international Artist-In-Residence, providing an opportunity for interacting with scientists in the laboratory in Basel, Switzerland, as well as with the team at Biofaction in Vienna, in order to ignite a cross-disciplinary exchange in order to create a body of work to be presented at the end of the residency; Deadline: Dec.22, 2016. <http://www.biofaction.com/call-for-artist-in-residence/>

~ Thanks to Richard Povall's great "Call-Out" postings at his organization's art.earth website for the five asterisked Opps below: <http://artdotearth.org>

\* Open Call for "In Other Tongues: creating metaphysics, embodying language," a creative summit June 7-9, 2017; and intimate geographies, ecologies of conversation: a residential short course June 10-14, 2017; Seeking: academic papers/presentations that are discursive and conversational, artist presentations, workshops, outdoor events, artwork, performance, etc; organized by art.earth and Schumacher College at Dartington Hall, Devon, UK; Deadline: Jan.5, 2017. <http://inothertongues.info/call-for-proposals/>

\* Open Call for 2-day symposium, "Agents in the Anthropocene: Trans/Disciplinary Practices in Art and Design Education Today" will take place at the Piet Zwart Institute / Willem de Kooning Academy, Rotterdam; January 26-28, 2017; Deadline: December 24, 2016. <http://artdotearth.org/agents-in-the-anthropocene-cfp/>

\* LABVERDE: Art Immersion Program in the Amazon Rain Forest from July 20-29, 2017 is seeking 20 cultural-makers for this journey with interdisciplinary experts leading expeditions, lectures, workshops, presentations and seminars; Deadline: Jan.29, 2017. <http://artdotearth.org/labverde-art-in-the-amazon/>

\* Open Call for 2017 Land Art Competition for international creative practitioners to submit ideas for large-scale and site-specific public art installations based on-site in rural Ghana; Registration ends: January 31, 2017. <http://artdotearth.org/land-art-competition/>

\* Invoking The Pause is an organization that provides "seed funding" to the initial visioning stage of collaborative projects about Climate Change; Deadline: January 31, 2017. <http://invokingthepause.org/new-grant-partners.html>

~ Open International Call for an exhibition about BLOOD, for 2017 pop-up events and exhibitions at Science Gallery London and Science Gallery Melbourne; Deadline: Jan.8, 2017. <https://opencall.sciencegallery.com/blood>

~ NYC Artists are invited to provide input on #CreateNYC, New York City's first-ever comprehensive Cultural Plan for all New Yorkers. Learn more at: <http://createnyc.org/en/about/>

~ Open Call for a Test Laboratory For Interactive Experiences, Objects, And Tools (DART 17) in San Francisco is a place where people can bring projects in design, art, research and technology with an entrepreneurial motive... creating new content for interactive experiences. <http://www.swissnexsanfrancisco.org/initiatives/dart17/>

~ The FIGMENT Festival on Governors Island, in the middle of New York Harbor, invites you to participate as a collaborator creating one of the many, public-participation, family interactive art activities for this summer's event! Learn about their ALPHA Planning Retreat in April and the first Meet-Up on Dec.19th in Manhattan! Deadline: Dec.31st. See the Guidelines & Register: <https://www.eventbrite.com/e/alpha-2017-tickets-29345065882>

~ The Cardboard Gallery is opening-up its Digital Residency program with an opportunity for artists in all mediums to make experimental/platform specific work on our Instagram and Facebook accounts; Applications accepted on rolling-basis; details: <http://rhizome.org/community/46530/>

~ The "AxS Incubator" is a new pilot residency program that will provide midcareer artists with opportunities to develop new ideas, new methods and even new raw materials via partnerships with Pasadena's scientific, research, technology, design, and cultural assets. <https://www.pasadenaartscouncil.org/programs/axs-incubator/>

~ OPEN CALL: The ACM SIGGRAPH Digital Arts Community is seeking projects for an online exhibition that explores the web browser as a medium for creative expression; Deadline: March 7, 2017. <http://bit.ly/graphvr>

~ Call for Papers: for Technarte2017 in Bilbao, Spain, is seeking artists, technologists, engineers, architects... if you're creating in any artistic discipline in which the technology is the protagonist of any of the creation processes; Deadline: Dec.29, 2016. <http://www.technarte.org/call-for-papers/>



**Valeriya N'Georg's** "Oxytocin" is a collaboration with mathematician, curator, and sculptor Iavor Lubomirov for the "Haloclines" show at the Jessica Carlisle gallery, London; Dec.14-18, 2016.

<http://www.jessicacarlisle.com/haloclines>

## MEMBERS NEWS:

### ~ **VALERIYA N'GEORG:**

\* is one of six artists in the exhibition project, "Haloclines," all paired in collaboration with mathematician and sculptor Iavor Lubomirov, exploring the visual and conceptual boundaries between two artists' interventions within a single object – those edges where the eye can suddenly discern the beginning of one artist's hand and mind and the end of another, and vice versa; Jessica Carlisle gallery, London; Dec.14-18, 2016.

<http://www.jessicacarlisle.com/haloclines>

\* was interviewed by "Art The Science" blog's "CREATORS" section in Nov.2016.

<https://artthescience.com/blog/2016/11/16/creators-valeriya-n-georg/>

~ **BENOIT MAUBREY** was commissioned to create a new work, "AWA ODORI 3000," a sound and light performance by his renowned Die Audio Gruppe on December 16-18, 2016 for Tokushima Japan's LED festival, thus adding a new culture to his electroacoustic folklore performances. <http://www.benoitmaubrey.com/?p=50>

~ **SYDNEY CASH's** "PRE-INTERNET | Optically Kinetic Sculptures" solo show features glass sculptures from the 1980s and 1990s with the compelling aspect that when you walk slowly past them, their surface patterns break into motion!; Heller Gallery, NYC; Dec.16, 2016 – Jan.21, 2017. <http://www.hellergallery.com/sydney-cash>

### ~ **SUZANNE ANKER:**

\* is offering a rare opportunity to purchase photographs from her "Vanitas (in a Petri dish)" series and/or small "Remote Sensing" digital sculptures. Anker is a renowned bio-artist, philosopher, and professor. In 2011, she founded the first Bio Art Laboratory in a Fine Arts Department in the United States at the School of Visual Arts in New York City.

<http://www.artspace.com/suzanne-anker>

\* is displaying works from her two, 3D series: "Vanitas (in a Petri dish) and "Remote Sensing" included in the group exhibition "Nectar: War Upon the Bees," at Pratt Manhattan Gallery; Dec.9, 2016 – Feb.11, 2017.

<https://www.pratt.edu/events/exhibitions/pratt-manhattan-gallery/>

~ **PAUL FRIEDLANDER's** light-art commission, "Resonator" at the Science Museum in Bristol, UK, is a room installation of spinning lightforms inspired by physicist Max Planck's groundbreaking idea about the emission of electromagnetic radiation; on view thru Jan.31, 2016. [http://paulfriedlander.com/text/2016\\_At-Bristol/Bristol\\_6.html](http://paulfriedlander.com/text/2016_At-Bristol/Bristol_6.html)

~ **ORON CATTS** will present "Growing the Made: The Industrialization of Biology vs. the Biologization of Industry" at the "Oh-man, Oh-Machine" conference at TelAviv University in Dec.19-20, 2016. <http://mfa.gov.il/MFA/InnovativeIsrael/Conferences/Pages/OH-MAN-OH-MACHINE.aspx>

~ **EVA LEE** is an artist and experimental filmmaker who was interviewed about her recent work, "Dual Brains," by host Mark Lynch for his Inquiry program on WICN Public Radio; discussing the neuroscientific inspiration and the team's efforts to visualize empathy using real-time EEG brain data.

[http://www.evaleestudio.com/img\\_press/WICN\\_2016\\_Nov11.mp3](http://www.evaleestudio.com/img_press/WICN_2016_Nov11.mp3)

"Dual Brains" video: <http://www.evaleestudio.com/portfolio-item/dual-brains-2/>

~ **JULIAN VOSS-ANDREAE** showed sculptures at two Miami art fairs this season: "Art Miami" with Andrea Schwartz Gallery and "CONTEXT Art Miami" with Hohmann Fine Arts; November 29, 2016 until December 4, 2016. [www.JulianVossAndrae.com](http://www.JulianVossAndrae.com)

#### ~ **LAURA SPLAN:**

\* her electromyography data driven artworks were included in the "Invocations" exhibition curated by Doppelgänger Projects at Satellite (Miami, FL) from Nov 30–Dec 4, 2016. <http://www.laurasplan.com/news>

\* will have a solo exhibition at Capsule Gallery (Houston, TX) from Jan 13–Feb 11, 2017. There will be a public reception on Friday, Jan 13, 2017, 6–8pm and an artist talk on Jan 12 at 6pm. The exhibition will include new and recent artworks from her "Embodied Objects" series. Using biodata from her own body, she creates computer-generated forms and patterns for digitally fabricated tapestries, laser etchings, and 3D printed sculptures. <http://www.laurasplan.com/embodied-objects>

\* talk/presentation at the Textile Study Group of New York; January 18, 2017 at 7pm.

~ **ACKROYD & HARVEY** (artists husband/wife duo) have completed two permanent artworks and a temporary exhibition for the inauguration of the David Attenborough Building at the University of Cambridge, using over 500-million years old Welsh slate, a waste product from the roof tiling industry; 3-year research and collaboration project. <http://www.conflictedseeds.com/slate-works/>