"Canada Glacier from Lake Fryxell" is a 5'-long sculpture by Helen Glazer that was produced from 162 photographs taken in Antarctica plus 3D-printing and hand-painting; the journey is on her blog: http://blog.helenglazer.com/2016/03/09/o-canada-glacier/

NEW & RENEWING ASCI MEMBERS:

~ Jalal Quinn, art, science, spiritual/religious, human form www.jalaliyyihquinn.org
~ Marcia Rudy, ASCI Board President, Special Projects at the New York Hall of Science www.nyscience.org

FYI:

~ New book, Quarks to Culture: How We Came to Be by Tyler Volk, professor of biology and environmental studies at New York University; public presentation at New York Public Library's Mid-Manhattan branch on Fifth Ave; May 11, 2017, 6:30 pm. https://www.nypl.org/events/programs/2017/05/11/quarks-culture-how-we-came-be-tyler-volk-professor-biology-and

~ The April issue of SciArt Magazine is now available and looks/sounds as arresting as previous issues, just look at the Contents Page descriptions. http://www.sciartmagazine.com/april2017contents.html
~ Earth Day 2017 will see teach-ins around the world and a March for Science rally on the National Mall that will bring together scientists and supporters to demand that our leaders recognize the scientific truths across all disciplines, including climate change and other environmental issues. [http://www.earthday.org](http://www.earthday.org)

~ The 2017 EYEBEAM Awards honors Thenmozhi Soundararajan and Zachary Lieberman because their art-tech practices show how artists lead in creating social change through technology. [https://eyebeam.org/stopwork/awardees/](https://eyebeam.org/stopwork/awardees/)


~ "Science.Art.Museum" is the first joint project of the State Hermitage Museum and ITMO University aimed at exploring the interaction of science and art in the modern world and demonstrating diverse applications of scientific research in artistic and museum practices globally. What do physicists do in the museum? What is science art and how does one relate to an art piece that is made of tissue culture or utilizes a beautifully complex algorithm? Is it possible to create holographic archives? What is the future of design? How do technological and scientific innovation transform art and museums? [http://hermitage.ifmo.ru/artscienceeng](http://hermitage.ifmo.ru/artscienceeng)

~ For the last 10 years, the Mexican artist Ariel Guzik has searched for a way to communicate with whales and dolphins by creating underwater instruments and recording sound encounters on several ocean expeditions to contact whales and dolphins (cetaceans); the Holoturian is Guzik’s latest underwater instrument for cetacean communication, and the Arts Catalyst has commissioned a new book about this interspecies communication project. [http://www.artscatalyst.org/new-book-ariel-guzik-holoturian-march-2017](http://www.artscatalyst.org/new-book-ariel-guzik-holoturian-march-2017)

~ Residency Program: "AESTHETICS get SYNTHETIC" is the theme for the recent Knowledge Link through Art and Science (KLAS) program whose main goal is to initiate collaborative artistic and scientific exchange to foster transdisciplinary dialogues as well as to contribute to a wider understanding and appreciation of synthetic biology. [call closed now... but you might put it on-your-radar for future]. [http://klas.polyhedra.eu/open-call/](http://klas.polyhedra.eu/open-call/)

~ Melissa Fleming is an artist and also the founder of The Weather Gamut, a website that discusses all things related to weather and climate change. [http://www.weathergamut.com](http://www.weathergamut.com)

~ Thank-you to Olga Ast/ArcheTime Project for the following links to web-videos documenting live panel discussions on the topic of TIME at the recent World Science Festival in NYC:
~ The Centre for Contemporary Art and the Natural World (CCANW), the art-sci organization in the UK that organized the hugely popular, multi-year "SOIL CULTURE" project of exhibitions, public forums, artist residency, and book, now turns its attention to "WATER CULTURE," and you can follow this new initiative at their website. http://ccanw.org.uk

~ A new art-sci initiative, The Leading Strand, paired talented visual designers and research scientists and created their first exhibition, "Neurotransmission," at the Pratt Design Gallery in Manhattan in July 2016... more collaborative projects are on-the-way. https://www.youtube.com/watch?v=HC5theZw3FE

~ Seeking public input re: STEAM... The United States' National Academies of Sciences, Engineering, and Medicine is currently examining evidence behind the assertion that educational experiences that integrate the humanities and arts with science, technology, engineering, math, and medicine lead to improved educational and career outcomes for undergraduate and graduate students. http://sites.nationalacademies.org/PGA/bhew/humanitiesandstem/index.htm

"Large Hadron Collider #35" by Jonathan Feldschuh, acrylic and pencil on mylar, 78" x 156", 2012 http://www.jonathanfeldschuh.com/images.htm

EXHIBITIONS, FESTIVALS, FILMS:

~ The current "Meme Machines" installation of Ellen K. Levy's newest mixed media works and a related animation were created specifically for the Art Wall on Third Exhibition Series at New York City's Mid-Manhattan Public Library on Fifth Avenue. In this new work, libraries are viewed as contemporary memes for the complex interplay between metapatterns, cultural histories, and connections on multiple levels. A public dialogue with Ellen and novelist Siri Hustvedt will be held in the NYC Mid-Manhattan Library: The Corner Room, 455 Fifth Ave at 40th Street; May 10, 2017 from 6:30-8:30 (doors open at 6pm); registration required and seating is first-come first-seated. https://www.eventbrite.com/e/meme-machines-tickets-33587949461?aff=presenter
Receiving international renown for producing our world's first underwater marine sculpture parks that help save existing ocean reefs from further human impacts, Jason deCaires Taylor's latest public artwork, "Plasticide," was commissioned by Greenpeace's "Say NO to Ocean Plastics" campaign and is installed outside the National Theatre on London’s Southbank. Jason has also been selected as the artist that will represent Granada Pavilion at the 57th Venice Biennial this year.


"Resistance After Nature" tracks the practices of artists who imagine and construct alternative/adaptive approaches to such entangled ecological, political, and economic issues as Indigenous sovereignty and water rights, the fossil economy, ocean acidification, and deforestation; Cantor Fitzgerald Gallery at Haverford College in Haverford, Pennsylvania; thru April 28, 2017.

http://exhibits.haverford.edu/resistanceafternature/

"BLACK ICE" is a 2-person exhibition by photographer Shoshanna White and sculptor Charley Young whose artworks offer different reflections on the same Arctic landscapes they shared while working with glacier ice to depict an abstracted landscape that is touched and fleeting; the Space Gallery, Portland, Maine; thru May 13, 2017.

http://www.space538.org/exhibitions/black-ice

"Conflict Minerals" exhibition looks at artists’ practices that explore the nature of conflict in relation to the use of the Earth’s geological natural resources, including new works by Lise Autogena & Joshua Portway and Nabil Ahmed; thru April 22, 2017.

http://www.artscatalyst.org/conflict-minerals

"ANIMAL - MAN - MACHINE" is a group exhibition of drawing machines and drawings by animals and men at the VERBEKE FOUNDATION in Kemzeke, Belgium; April 23, 2017 at 15:00.

http://www.verbekefoundation.com/en

The University City Science Center’s Esther Klein Gallery (EKG) in Philadelphia has organized a retrospective show, "Continuum" by sculptor Rebecca Kamen, featuring a collaborative multi-media installation that explores the relationship between inner and outer space; thru May 27, 2017. http://philly.carpediem.cd/events/3090690-continuum-by-rebecca-kamen-at-esther-klein-gallery/

Postmasters Gallery, NYC; April 29 – June 3, 2017:

* Mark Dorf's sol show, "Transposition," translates complex systems of material exchange into discrete photographs and photographic installations. Our surroundings—the natural world, the urban environment, virtual interfaces—appear to be segmented in the works, metaphorically materializing the human impulse to compartmentalize vast, codependent networks. http://mdorf.com

* "Saved by the web?" is a show of artworks that are a result of an engagement with the Internet.

"Benjamin Just: The Human Made Tree" solo exhibition at Alliance Française's Eildon Gallery, 51 Grey Street, St Kilda, Melbourne, Australia; is presented as part of the

~ Creative Tech Week in New York City: Sat & Sun: May 20 9am - 6pm and May 21 10am - 5pm; the Conference Hub features over 50 experts working on today's most cutting-edge creative technology; a Mixed Reality Parties on May 5 & 17, Arts Hub Exhibition and Performances May 12-13 (bringing together artwork from the faculty of the computer art departments of 9 area universities), and Partner Satellite Events; Earlybird tickets till May 1st. http://creativetechweek.nyc/

~ "Awe and Wonder" is a performance by Donna Sternberg & Dancers where four choreographers have created new dances inspired by their conversations with four scientists; Rosenthal Theater at Inner City Arts, Los Angeles; April 1, 2017 at 8pm and April 2 at 3pm; Tickets cheaper online: http://aweandwonder.bpt.me/

~ GreyArea Festival 2017 is a conference with performances, workshops, and an exhibition surveying culture through the lens of art and technology; Grey Area Foundation for the Arts (Grand Theater) in San Francisco; May 4-7, 2017. http://grayareafestival.io/

~ "Reflection Eternal" is a solo exhibition by Siebren Versteeg of his custom algorithmic software that grabs images from the Internet and editd them with his gestural responses, as well as the decision of when to make the input stop; Bitforms gallery, NYC; April 20 – May 28, 2017. www.bitforms.com

~ The "FUTURE EMERGING ART AND TECHNOLOGY" (FEAT) exhibition of new artworks by boredomresearch, Evelina Domnitch and Dmitry Gelfand, Anna Dumitriu, Špela Petric & MihaTuršic, Semiconductor, and Pinar Yoldas, created through in-depth, embedded residencies at the forefront of new research in the European Union's Future Emerging Technology (FET) science research projects; the LifeSpace Science Art Research Gallery, School of Life Sciences, Dundee, Scotland; thru June 17, 2017. http://featart.eu/

~ "SONGS FROM THE EXTRACTION ZONES: A SYMPOSIUM & EXHIBITION ON FRACKING IN NEW MEXICO" features Panel Discussion and Exhibition Opening: Friday April 28th, 6-9pm; Panel Discussion: 7-8:15pm; Exhibition Dates: April 28th thru May 5th | Viewing Hours 9-5pm Monday- Friday; Santa Fe Art Institute, Santa Fe, NM. https://sfai.org/nmfracking/

~ "Electricity: The Spark of Life" exhibition and associated public programing traces the story of how humanity has striven to understand, unlock and gain control over this invisible and yet all-encompassing force, which continues to mystify and amaze; The Wellcome Trust, London; thru June 26, 2017. https://wellcomecollection.org/electricity

~ The collaborative "Visualizing Science" project at the University of Idaho demonstrated that science interlaced with the cultural understanding of persuasive aesthetic practitioners is a dialogue that can inform and evolve society far more than either independently. http://www.uidaho.edu/CAA/GALLARIES-CENTERS-AND-LABS/Pritchard/exhibits/vscience
~ Pierre Huyghe’s “Untitled (Human Mask)” and Gabriel Martinez’s “Mountain War Time” exhibitions both focus on artists working with the ecology of sites that have been altered by nuclear activity; at the David Winton Bell Gallery and List Art Center Lobby at Brown University, Providence, RI; thru May 28, 2017. https://www.brown.edu/campus-life/arts/bell-gallery/exhibitions/current

~ Peter Anton’s solo show, “SUGATARIUM”, explores the uncontrollable and insanely addictive hold sugar has on us; the Unix Gallery; opening April 27, 2017. http://unixgallery.com

~ "Bbots/Rebelling Nature", curated by Anne Roquigny, is a selection of online works from 11 international artists that question human activity and its impact on our planet’s ecosystems. https://www.facebook.com/events/137473680120207/

~ Linda Weintraub, curator, educator, artist and author is UCLA's Art|Sci Center Spring Artist-In-Residence, co-leads the conference "ECO-CENTRIC ART+SCIENCE: Prophesies & Predictions" that was an Open-Mic Marathon event held in the CNSI Auditorium, California NanoSystems Institute (CNSI at UCLA) inspired by Weintraub's forthcoming book: “WHAT’S NEXT? Eco Materialism and Contemporary Art”. http://artsci.ucla.edu/node/1318

~ CLIMARTE's highly anticipated festival of provocative climate change related arts and ideas, ART+CLIMATE=CHANGE, has now launched the 2017 program including international keynote presentations and public forums, 30 curated exhibitions at leading museums and galleries in Melbourne and regional Victoria demonstrating the power of art to engage and inspire change. https://www.artclimatechange.org

"Coming Into Focus Series: Amplification” by Ellen Jantzen is one of the images published as part of her recent interview by Yale Radio. http://museumofnonvisibleart.com/interviews/ellen-jantzen/
SYMPOSIA/WORKSHOPS/TALKS:

~ "Utopian Potentials and Media(ted) Realities" is a symposium exploring the promise of Public Access television and open network technologies, featuring cultural producers from the 1970s, to the present; at BRIC cultural center, Brooklyn, NYC; April 22, 12-4pm; free w/ rsvp. https://www.bricartsmedia.org/events-performances/symposium-utopian-potentials-and-mediated-realities

~ ADAF 2017, Athens Digital Arts Festival 2017 has the theme #PostFuture; taking place in Athens, Greece from 18th to 21st May. http://2017.adaf.gr /

~ EXTRACTION series conference on "Decolonial Visual Cultures in the Age of the Capitalocene" at the Institute of the Arts and Sciences, University of California/Santa Cruz; May 12–13, 2017; with related exhibition, "Unearthing Disaster I & II" by Angela Melitopoulos and Angela Anderson; at Minnesota Street Project, San Francisco, CA; May 20–June 24, 2017. http://ias.ucsc.edu/events/2017/extraction-conference-may-12-13

~ "Contemporary Connections" is the title of the art-sci exhibition organized by the ASCUS Lab for the Edinburgh International Science Festival; on view through May 12, 2017. http://www.ascus.org.uk/contemporary-connections-eisf-2017/

~ "Future Medicine: Intuitive Robot Surgery" is the title of May 18, 2017 talk at Science Gallery Dublin to explore what the operating room of the future will look like and do. https://dublin.sciencegallery.com/events/2017/03/futuremedicineintuitiverobotsurgery

“Considering Global Warming” by Scott McIntire; enamel on canvas, 60″ x 36″; one of the images accompanying his interview by NotRandomArt on pages 30-37. https://www.joomag.com/magazine/not-random-art/0194614001488987769
OPPORTUNITIES:


~ "Forays into the Microscopic World of the Maine Coast" will be a 2-week art-science workshop co-led by international environmental artist and explorer Mara G. Haseltine and molecular biologist and Sea Captain Bradford Haskell, presented by ArtWaves in Bar Harbor, Maine and in partnership with Mount Desert Island (MDI) Biological Laboratories and the Ocean Foundation; this will be a unique opportunity for the public to engage with marine field science (and on-board ship) in artful ways; July 24 – August 4, 2017. https://artwavesmdi.com/event-registration/?ee=3421

~ "Empathy Hack" at the Abington Art Center [a Philadelphia, PA suburb] is the first of a series focusing on designing and building technology that fosters a deeper sense of connection and compassion in our society. Food and drink will be available throughout the day. Limited spots available; April 29, 2017 from 9am -6pm. http://abingtonartcenter.org/event/empathy-hack-building-empathy-technology-art/

~ The University at Buffalo, Department of Media Study, invites applications for a Visiting Assistant Professor position in Media Theory. To Apply: http://www.ubjobs.buffalo.edu/postings/9052

~ Belgian company Cartamundi seeks an artist to be in residence in their R&D department this summer to contribute to research into the future of playing cards and board games by bringing an artistic perspective and digital technologies leading to the development of a prototype for a new art work, based on Cartamundi’s latest iCard technologies; Deadline: May 29, 2017. http://gluon.be/open-call-residency-cartamundi/

~ NYC Residency: Guerilla Science is partnering with Pratt Institute, New York to host a Residency for up to 15 artist-scientist collaborations to bring transformational experiences to a major art and music festival. The residency will take place over six weeks, beginning early June culminating at Oregon Eclipse, an epic gathering of festival goers from around the world.; Deadline: April 28, 2017. http://guerillascience.org/thecontent/uploads/2017/03/artsci-residency-instructions-1.pdf

~ Artangel Foundation is seeking to commission a cyber networked artwork; Deadline: 30 April 2017. https://www.artangel.org.uk/about_us/open/artangel-everywhere/

~ Call for Ideas for "Hack the Brain Dublin" taking place 10 & 11 June at Science Gallery Dublin, will create teams of artists, designers, neuroscientists, experimental psychologists, engineers and developers working together to develop ideas into prototype artworks, objects, inventions or interfaces that use or harness brain signals
and brain-computer interface technology; learn how to submit a project or join a team; Deadline: May 7th: https://dublin.sciencegallery.com/page/hackbraindublin

~ International Open Call Art from Science Exhibits Berlin seeks artworks reflecting on all aspects of Evolutionary Biology- be it bird or biomimicry- Darwin or DNA; any art discipline; Deadline: May 20, 2017. www.artscienceexhibits.com

~ The aim of the Emerging Ideas section of INTERALIA Magazine is to showcase the work and ideas of emerging artists, photographers, scientists, and writers who explore the interactions between the arts, sciences and consciousness. If you wish to contribute to the new section, there are a number of options:
  • Up to 5 images (Jpeg format) or 1 video (to include embed code) + artist statement (100 words max) + website link
  • Article – fiction or non-fiction (500 word max) + contact/web link
Send your contributions to richard@interалиacentre.org

~ Seeking Submissions: the August issue of SciArt Magazine will be dedicated to publishing the varied approaches that STEAM educators are taking - from theory to case study, we are accepting articles for submission now through June 15, 2017; details are at http://www.sciartmagazine.com/contribute.html

"Search for Snake" by Dhruba Deb, ink and charcoal on paper; published March 27, 2017 as part of his article "Communicating complex scientific research ideas for curing lung cancer using North East Indian folklore and visual art" in the Art & Medicine Section of the Cardiovascular Diagnosis & Therapy Journal. [Click on the word "PDF" on the right, then click "Download" on right.] http://cdt.amegroups.com/article/view/14140
MEMBERS NEWS:

~ HELEN GLAZER:
* her five-foot-wide sculpture, "Canada Glacier from Lake Fryxell" is part of the group exhibition, "Sculpture REMIX: 2017 Craft/Technology/Art" at Glen Echo Park near Washington, DC; thru April 30, 2017. This piece was produced from 162 photographs taken on site while she was in Antarctica in 2015 and 3D-printing; you can see aerial photos of the glacier and her trek to its base on her blog: http://blog.helenglazer.com/2016/03/09/o-canada-glacier/
* a second sculpture from the Antarctica project is a ventifact (wind-eroded boulder) from the Dry Valleys. This one was 3D-printed in sections before being painted. The entire process by which this sculpture was made is documented in this short video on YouTube, from the initial photographs through a time-lapse of the printed pieces coming together. https://www.youtube.com/watch?v=qdY3xDGPdf0
* For one year starting in May 2017, photographs she took inside an ice cave in Antarctica will be on display in the D/E Concourse at Baltimore/Washington International Thurgood Marshall Airport.

~ ELLEN K. LEVY's "Meme Machines" installation presents her newest mixed media works and a related animation created specifically for the Art Wall on Third Exhibition Series at New York City's Mid-Manhattan Public Library on Fifth Avenue. In this new work, libraries are viewed as contemporary memes for the complex interplay between metapatterns, cultural histories, and connections on multiple levels. A public dialogue with Ellen and novelist Siri Hustvedt will be held in the NYC Mid-Manhattan Library: The Corner Room, 455 Fifth Ave at 40th Street; May 10, 2017 from 6:30-8:30 (doors open at 6pm); registration required and seating is first-come first-seated. https://www.eventbrite.com/e/meme-machines-tickets-33587949461?aff=presenter

~ ELAINE WHITTAKER:

~ CHRISTIANA KAZAKOU:
* is curating the Talks and Workshops programme for ADAF 2017, Athens Digital Arts Festival 2017 with the theme #PostFuture; in Athens, Greece from 18th to 21st May. http://2017.adaf.gr/
* also curated the Art and Science programme for the Athens Science Festival 2017 (29 March to 2 April 2017) with a focus on "Shaping our future" that included: a solo exhibition of Vikton Koen's "Sciphabet", "MEDinART: where MEDicine and ART collide" Part One: The Greek Artists, and "The Challenging Beauty of Space" photographic exhibition by astronaut Sergey Riazanov, part of the All-Russia Scienc? Festival; and a presentation of "TEST #2 0.2. Experiment or Virtual Reality?" project by artist & sculptor Dimitris Gketsis. www.christianakazakou.com

~ DHRUBA DEB is an oncology researcher, artist, and founder of the global Cancer ArtSci Network:
* publication of his oncology research paper "Combination therapy targeting BCL6 and phospo-STAT3 defeats intra-tumor heterogeneity in a subset of non-small cell lung cancers"; published April 4, 2017 in the Journal of Cancer Research; http://cancerres.aacrjournals.org/content/early/2017/04/04/0008-5472.CAN-15-3052
* a complement to his science research article, is his visual art article "Communicating complex scientific research ideas for curing lung cancer using North East Indian folklore and visual art"; published March 27, 2017 in the Art & Medicine Section of the Cardiovascular Diagnosis & Therapy Journal. http://cdt.amegroups.com/article/view/14140 [Click on the word "PDF" on the right, then click "Download" on right.]
* his Editorial Introduction and the first two articles peer-reviewed into LEONARDO Journals's "Special Section: Art and Cancer" have been published in the April 2017 issue! [Scroll-down to just after "Statements"] http://www.mitpressjournals.org/toc/leon/50/2

~ ELLEN JANTZEN:
* was interviewed by Yale Radio about her digitally manipulated photo images, especially her New Mexico series “Coming Into Focus”; the audio of the interview is available online: http://museumofnonvisibleart.com/interviews/ellen-jantzen/

~ JONATHAN FELDSCHUH - three images from his "Large Hadron Collider" series of paintings were recently used to illustrate an article, "A Brief History of the Grand Unified Theory of Physics" by Lawrence M. Krauss on March 16, 2017 in NAUTILUS magazine! http://nautilus-web-602376506.us-east-1.elb.amazonaws.com/issue/46/balance/a-brief-history-of-the-grand-unified-theory-of-physics

~ ANNA DUMITRIU:
* solo art exhibition, "Microbe Stories" at the Blyth Gallery, Level 5 Sherfield Building, Imperial College, South Kensington Campus, London; from 22nd March – 7th May 2017; http://www3.imperial.ac.uk/newsandeventspggrp/imperialcollege/administration/arts/events/event_16-8-2016-12-12-48
* as one of the artistic leaders of the "FUTURE EMERGING ART AND TECHNOLOGY" (FEAT) project of the European Union, her work is included in the exhibition of new artworks created through in-depth, embedded residencies at the forefront of new research in the European Union's Future Emerging Technology (FET) projects exploring gene regulation, quantum physics, underwater robotics, carbon capture, and exascale computing; at the LifeSpace Science Art Research Gallery, School of Life Sciences, Dundee, Scotland; thru June 17, 2017. http://featart.eu/

~ JULIAN VOSS-ANDREAE:
* has opened an Instagram account so his crew can share glimpses of the daily work at his new Portland sculpture studio. https://www.instagram.com/julianvossandreae/
* his new studio's Grand Opening will be held on International Sculpture Day ("#ISDay") April 22, 2017, 6pm-11pm at 8003-8005 SE 17th Avenue in Portland, Oregon, where his recently completed commissioned sculpture for Portland Community College can be seen along with works-in-progress, including a new commission for Georgia Tech University in
Atlanta; additionally, you can watch the 3d printers at work and the new 3d scan rig should be ready to take a scan of anyone interested in potentially becoming a sculpture.
* at 6:30pm that evening, Julian will give a very short talk about his work at Dance with Joy, across the street from his studio.

~ ROBYN ELLENBOGEN has artwork included in the group exhibition, "NATURA MATHEMATICA" at the Central Booking Gallery's Haber Space, NYC; thru May 28, 2017. www.centralbookingnyc.com

~ BENOIT MAUBREY send a link to very short docu-video of his "Awa Odori 3000" performative work that transformed the regional folk dance of Tokushima, Japan via his "sound to light" costumes with fiber optics that responded to the music; commissioned by the Tokushima LED 2016 Festival. https://vimeo.com/209928195

~ SCOTT MCINTIRE shares the latest review of his artwork in NotRandomArt and images and interview about how and why he started painting and how he got to where his work is now, can be found on pages 30-37. https://www.joomag.com/magazine/not-random-art/0194614001488987769

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