The D.C. Art Science Evening Rendezvous (DASER) is a discussion forum organized by Cultural Programs of the National Academy of Sciences (CPNAS), held 4-6 times annually. DASER fosters community and conversation around the intersections, and interweaving, of art, science, and culture. DASER is part of a larger international network of cross disciplinary salons called the Leonardo Art Science Evening Rendezvous that are fostered by Leonardo: The International Society of Art, Science, and Technology. There are now close to 30 similar salons that are part of this growing network. On September 21, 2017, CPNAS hosted a program responding to the growing number of institutions and programs that facilitate conversations between disciplinary silos. Speakers were Julia Buntaine, Adam Zaretsky, Sonya T. Smith, Anthony McEachern, and João Silveira. The discussion was moderated by JD Talasek. We welcomed 150 guests to this sold out event at the Keck Center, 500 Fifth St., N.W. The program was live-streamed and a recording is available on the NAS account at https://livestream.com/NASEM/sept2017daser. Videos of the presentations are available on CPNAS’ YouTube channel at: http://www.YouTube.com/CPNAS
Collaborations between artists and scientists are an increasingly popular approach to working as the means and methods of single disciplines are no longer sufficient for innovation and problem-solving. While end products are often the goal, the process of collaboration is what produces the innovative individuals needed as we face the opportunities and challenges of the 21st century.

Julia Buntaine of SciArt Magazine and the SciArt Center addressed this topic and reported on existing programs that facilitate conversations across disciplines. At the SciArt Center’s residency program, The Bridge, artists and scientists collaborate without an expectation of an end product. The participants emphasize the importance of the process, not the product. A comprehensive guide to international, annual, open call science-art residencies can be found on SciArt Magazine’s website at https://www.sciartmagazine.com/residencies.html.

Adam Zaretsky gave a thought-provoking and controversial talk on Humans as Bioart. He posed questions to the audience such as: Are transgenic humans art creatures? What do engineered mutant human body plans say about flesh technology? Are we techno-evolving to be more efficient, glamorous or enigmatic? What about the aesthetics of corny, crunchy and cheesy?

Providing a report on the happenings in the DC community, Sonya T. Smith, the first woman promoted to the rank of full professor in Howard University’s Department of Mechanical Engineering, and Anthony McEachern, Chairman of Howard’s Department of Art, shared the work of the faculty at Howard who are exploring the benefits of cross-disciplinary integration. They are looking at ways of integrating mechanical engineering with creative design, fashion and textile design, and industrial design.

Art-science performer and researcher João Silveira who creatively combines dance and science wrapped up the evening with some provocative questions. He presented some of his work and shared data from his research on the central questions: What does art-science mean today? Who makes it? Why do it? And how can it affect our lives?
I WOULD COME BACK BECAUSE:
There was a good blend of talking & showing, content & method, personal & conceptual.

The presenters and topics are always exceptional and interesting.

I am interested in art and science, and my own fiber arts work is sometimes inspired by math and science.

THE SPEAKER NAILED IT WHEN:
“Society has allowed humans to be complex.” - João Silveira

THE REASON I ATTENDED TONIGHT:
I am a scientist. I am an artist.

I have always been interested in what I see as art in science, science in art.

I am an educator who believes in STEAM because I am both a science and a math teacher as well as a musician.

THE SPEAKER NAILED IT:
All of the speakers were good; each had a different perspective on the subject.

#DASER Social Media Highlights
There was lively Twitter and Instagram activity during the DASER program.

@lili_czarina: ‘Science is a part of culture, not apart from it.’ Yes! #DASER @CPNAS

@GregDMackPhD: Excited for tonight’s @CPNAS #DASER. Looking forward to being inspired about art-science initiatives/efforts/projects!

@artologica: At #DASER, @JuliaBuntaine is talking about the sciart center virtual residency program.

@lili_czarina: ‘Once you’ve worked across disciplines, you carry that universal thinking in whatever you do.’ -@JuliaBuntaine #DASER

@fossillocator: : Talk on Transgenic humans as bioart by Adam Zaretsky at @CPNAS #DASER

@gkygirlengineer: Hearing phrases I’ve never heard before that all are considered bioart which I’ve also not heard before. #DASER

@nicole_mahoney: Glad that so many AAAS Science Policy Fellows are here at #DASER exploring the art/science interface! #SciArt @AAAS

@kayleighbindc: “Artists & scientists occupy the same challenge: they look at & disrupt the Void.” - Adam Zaretsky @CPNAS #DASER #SCIART #ThursdayThoughts

@drscottsellars: Fascinating #DASER panel @theNASEM discussing art science projects fostering interdisciplinary thinking. #SciArt

Read the complete social media Wakelet archive: https://wakelet.com/wake/664929ec-dd6f-48f7-8dd8-e746fd72bdf2
SPEAKER BIOGRAPHIES

Julia Buntaine is a neuroscience-based visual artist, director of SciArt Center, and editor-in-chief of SciArt Magazine. Buntaine attained her BA in neuroscience and sculpture from Hampshire College, her post-baccalaureate certificate in Studio Art from Maryland Institute College of Art, and her MFA of Fine Arts from the School of Visual Arts. She has exhibited nationally and internationally including shows in New York City, Seattle, London, Toronto, Knokke, and others. Her work can be found in the permanent collection of Johns Hopkins University. She also teaches, consults, curates, and frequently writes about art, and is currently the Innovator-in-Residence at Rutgers University. Buntaine lives and works in New York City.

Dr. Adam Zaretsky teaches video, performance, video composing, new media, art and technology, web/interactivity, digital audio, digital imaging, and contemporary theory. A former researcher at the MIT department of biology, for the past decade Zaretsky has been teaching an experimental bioart class called VivoArts at: San Francisco State University, SymbioticA, Rensselaer Polytechnic Institute, University of Leiden’s The Arts and Genomic Centre, and with the Waag Society. His art practice focuses on an array of legal, ethical, social and libidinal implications of biotechnological materials and methods with a focus on transgenic humans. Zaretsky stages lively, hands-on bioart production labs.

Dr. Sonya T. Smith is Principal Investigator for the Howard University ADVANCE-IT award from the National Science Foundation. She joined the Howard University faculty in 1995 and is the first woman promoted to the highest academic rank of Professor (full) in the Department of Mechanical Engineering. She obtained her Ph.D. in Mechanical and Aerospace Engineering from The University of Virginia (UVA) in 1995 and was also the first African American woman to do so. Smith’s personal goal is to be a mentor and resource to all students and young faculty/professionals, but especially to those underrepresented in STEM.

Dr. Anthony McEachern is a Desert Storm Army veteran and three-time graduate of Howard University, earning a BFA, MFA, and a Ph.D. in Mass Communications and Media Studies. He has a passion for the visual arts and education, as well as for the sciences. McEachern is an Associate Professor of Design and Chairman of Howard University’s Department of Art. With 27 years as a professional in academia (17 years in Academic Affairs at Howard University and 10 years in Student Affairs at the University of Maryland, College Park), McEachern is a leader of students, staff, and faculty. As an art faculty member, he teaches courses in conceptual design; digital media arts; web and interactive media; and creative business, entrepreneurship and innovation. In addition to teaching, McEachern advises and mentors students at the undergraduate and graduate levels, including doctoral students.

João Silveira is a Brazilian dancer who has performed more than 4000 times on tours around the world. Trained as a pharmacist, he explores art and science in his work. He is Harvard Visiting Researcher, Resident Artscientist at Le Laboratoire in Cambridge, Massachusetts, Founder of the ArteCiencia project and author of the book “Da Ideia ao Aplauso” (From Idea to Applause).
# LIVESTREAM WEBCAST REPORT

## Live Overview

### Filters

- **Time:** from 09/07/2017, 10:33 AM to 10/05/2017, 10:33 AM
- **Timezone:** (GMT-04:00) Eastern Time
- **Event:** DASER - September 2017
- **Destination:** All Destinations

### Live Viewers

<table>
<thead>
<tr>
<th>Total Live Views</th>
<th>Livestream Views</th>
<th>FB Live Views</th>
</tr>
</thead>
<tbody>
<tr>
<td>149</td>
<td>86</td>
<td>63</td>
</tr>
</tbody>
</table>

### Total Views

![Graph showing total views over time](https://example.com/

### Livestream

- **Total Live Views:** 86
- **Unique Live Views:** 60
- **Total Minutes Viewed:** 1,640
- **Average Watch Time:** 00:24:28

### Facebook Live

- **Total Live Views:** 63
- **Unique Live Views:** 57
- **Total Minutes Viewed:** 146
- **Average Watch Time:** 00:02:19
TWITTER REPORT

DASER

ESTIMATED REACH

189,685
ACCOUNTS REACHED

EXPOSURE

736,902
IMPRESSIONS

ACTIVITY

265
TWEETS

100
CONTRIBUTORS

10
DAYS

TOP CONTRIBUTORS

350.2k
IMPRESSIONS

45
RETWEETS

80
MENTIONS

MOST RETWEETED TWEETS

7
NatAcad of Sciences @theNASciences
Join @CPNAS Sep 21 for #DASER - Artists in the Lab, Scientists in the Studio w/ @JuliaBuntaine & @johngauch… twitter.com/i/web/status/9…

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CPNAS @CPNAS
Watch the Livestream of #DASER on Thursday, 9/21 6-8pm EDT with @JuliaBuntaine @johngauch & @VivoArts… twitter.com/i/web/status/9…

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Julia Buntaine @JuliaBuntaine
If you’re in DC this Thursday I hope to see you at @CPNAS DASER! eventbrite.com/e/dc-art-scienc… https://t.co/QysuK8K5oF

PHOTO CREDITS

Page 1: From left to right, Anthony McEachern, Julia Buntaine, João Silveira. Pages 2-5: All photos by Kevin Allen Photo.