

## Portfolio

The following is a summary of the activities where Dr. Zaelzer has been involved as the **organizer, speaker, instructor**, or part of the team that produce the event:

2016

### The Five-Minute Talks:

October. Sixteen IPN students presented their five-minute talks to 30 FOFA students and 5 FOFA academics. The activity was followed by questions and discussion.

### *Convergence* neuroscience event, The Black Box:

November. The Centre for Research on Neuroscience (CRN) open its labs for art students. The tour was followed by The Black Box talk where students from the IPN discussed the principles on which the brain works (126 assistants).

### *Convergence* arts event, The White Box:

December. *Convergence* neuroscience students were invited to explore through guided tours the contemporary art scene of Montreal.

2017

January. Launch of Concordia Faculty of Fine Arts (FoFA) course DART461 3-credits

### **Workshop: Public Speaking for Neuroscientists.**

January. Workshop offered by Ms. Valérie Harvey, MUHC Communications Coordinator (3 hours).

### DART461 The Art Five Minute Talks:

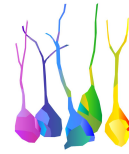
January. FoFA Students present their research in art to the neuroscience students.

### *Convergence* Neuroscience Event, Sensory:

February. The McGill Vision Group open its labs for art students. The tour was followed by the Sensory talk where students from the IPN discussed the principles on which the sensory system works (54 assistants).

### FOFA *Convergence* Art Event "Brainwaves"

April. Open Studios for neuroscience students. A guided visit on FoFA studios to explain and show the places where the art practice is performed. The tour was followed by the Brainwaves talk. One main talk and a discussion panel with four art students from FoFA exposing some thoughts on art-neuroscience collaborations (120 assistants).



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**First Two *Convergence* Exhibitions, [material](#) and [dynamic](#)** (April 22nd to May 20th, 2017):

April-May. Exhibition of works produced by FOFA students in collaboration with IPN McGill neuroscience (650 people assistants in 19 days of exhibition).

**Second Two *Convergence* Exhibitions** (May 27th to 31st, 2017):

May. May 27th *Convergence* [Exhibition at la Bibliothèque et Archives Nationales du Québec](#) (BAnQ) (300+ assistants). May 28th to 31st FOFA-Convergence Exhibition at [11th Canadian Association for Neuroscience Annual Meeting](#), Hotel Bonaventure (1000+ participants).

**Panel. Scientific literacy and citizen involvement: The Convergence of Science and Art.**

May. Panel at [Les Journées internationales de la culture scientifique](#). Organized by the Association francophone pour le savoir, McGill University, and Université de Lorraine.

24 heures de science. [Le cerveau, c'est simplement beau.](#)

May. Organized by Science pour tous!, Canadian Commission for UNESCO, Odysée des sciences, and Eureka. Hosted at the Visual Voice Gallery.

Launching of the **Convergence Sci-Art Art-Sci Talks Series.**

October. Trevor Butterworth PhD, Sense About Science USA. "[The Sleep of Reason Produce Monsters: Science and the Scientific Method in Popular Imagination.](#)"

November. Chloe Soutar PhD, Queen's University, ON, Canada. "[Neuromyths I: Don't Believe Everything You Hear.](#)"

Launching of the online version of the [Convergence Exhibition Catalogue 2017](#). December.

2018

**Convergence Sci-Art Art-Sci Talks Series.**

April. Bettina Forget MAEd, Concordia University, Montreal, QC, Canada & SETI Scholar, CA, USA. "[Exploring Wonder: Art, Science, and Creative Inquiry.](#)"

October. Siddharth Ramakrishnan PhD, University of Puget Sound, WA, USA. "[Informing Each Other: Neurodiversity, neuroethics, art, and public enquiry.](#)"

Launch of Concordia Faculty of Fine Arts (FoFA) course.

September. [DART438/CART438](#) 6-credits, and [DART631](#) 3-credits. [Syllabus](#):

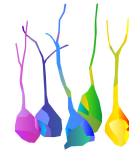
September. Neuroscience for artists.

October. Ignite presentations on neuroscience and art research.

November. Science communications methods for neuroscientists (Principles of graphic design and practice of debate).

Workshop.

November. "[From divergent thinking to convergent solutions: including creative thinking in your](#)



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[research.](#)” McGill Healthy Brain for Healthy Lives (HBHL) Skillsets workshop facilitated by *Convergence*.

**2019**

*Convergence* neuroscience event, [The Black Box](#):

January. The Technology Platforms of the RI-MUHC open its labs for art students. The tour was followed by The Black Box talk BioMusic, by Dr. Stefanie Blain-Moraes (98 assistants).

January. Stefanie Blain-Moraes PhD, McGill University, Montreal, QC, Canada. “[BioMusic](#).”

*Convergence* arts event, [The White Box](#):

January. *Convergence* neuroscience students were invited to explore through guided tours the contemporary art scene of Montreal.

[DART438/CART438](#), [DART631](#) activities:

February. Science communications methods for neuroscientists (Neuroscience and psychology of science denialism. Knowledge translation workshop).

*Convergence* [DCART Exhibitions](#) (April 18th to April 28th, 2019):

April. Concordia University Faculty of Fine Arts Black Box. DCART Exhibition (200+ people assistants).

*Convergence* **Sci-Art Art-Sci Talks Series.**

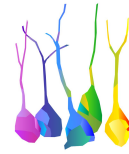
April. Fernanda Perez-Gay MD PhD, UNAM Mexico, & McGill University, QC, Canada. “[Sinapsis](#).”

*Convergence* [DCART Exhibitions](#) (April 12th to May 12th, 2019):

April-May. [Visual Voice Gallery. DCART Exhibition](#) (600+ people assistants).

*Convergence* [Science Symposium](#) (April 27th, 2019):

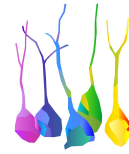
April. Neuroscience students of DART631 presented their research and reflections on neuroscience research in a Symposium directed to the general public using non-traditional methods for science communication. Comics, storytelling, zines, artworks, music were some of the methods used by the students in this innovative approach (50 people assistants).



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The following is a summary of the talks were Dr. Zaelzer has been invited as a **panelist, speaker, or lectures:**

- October 21<sup>st</sup>, 2016. "[Convergence, Perceptions of Neuroscience.](#)" Hosted by "Blood, Brains + Other Trains: Thoughts on Emerging Collaborations & Camaraderie in the Arts+Sciences" colloquium. Concordia University.
- February 2<sup>nd</sup>, 2017. "**Convergence.**" Hosted by the Ph.D. in Interdisciplinary Humanities. Brock University.
- February 12<sup>th</sup>, 2017. Workshop "[Converging Art with Neuroscience.](#)" Hosted by NeuGeneration Conference. Queen's University.
- March 10<sup>th</sup>, 2017. "**Convergence, Perceptions of Neuroscience.**" Hosted by Mozilla Science Lab meets Open Research McGill. McGill University.
- May 5<sup>th</sup>, 2017. Organizer and moderator of the discussion Panel "[Scientific Literacy and Citizen Involvement: The Convergence of Science and Art.](#)" The Journées Internationales de la Culture Scientifique (JICS), Science and You. Hosted by ACFAS, McGill University, Université de Lorraine. McGill University.
- May 13<sup>th</sup>, 2017. [Le Cerveau, c'est simplement beau!](#) (Activity part of 24 Heures de Sciences).
- May 26<sup>th</sup>, 2017. "The engagement of neurosciences and the arts, the Convergence initiative." Talk part of the Psychiatry Grand Rounds talks. Allan Memorial Institute. Department of Psychiatry Continuing Medical Education, McGill University. Montreal, QC. Canada.
- May 27<sup>th</sup>, 2017. Outreach day "[Convergence, Perceptions of Neuroscience.](#)" Hosted by the 11<sup>th</sup> Annual Meeting of the Canadian Association for Neuroscience.
- Sept 13<sup>th</sup>, 2017. "The Convergence initiative." Town Hall Presentation. CRN, RI-MUHC. Montreal, QC. Canada.
- Feb 27<sup>th</sup>, 2018. "The gap and the bridge: A Science-Art reunification." Invited speaker to the Professional Panel, (DIS)CONNECT: Alienation and Art. Concordia's 7<sup>th</sup> Annual Undergraduate Art History Conference. Concordia University. Montreal, QC. Canada.
- April 6<sup>th</sup>, 2018. "[The science-art reunification, using the brain to speak about science.](#)" Lecture at the Centre for Research in the Brain, Language, and Music (CRBLM) and Cognitive Research at McGill (CRAM). McGill University. Montreal, QC. Canada.

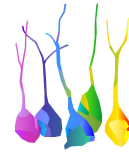


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- April 14<sup>th</sup>, 2018. "Creativity, the soul of innovation." Invited speaker to the March for Science 2018. Montreal, QC. Canada.
- May 17<sup>th</sup>, 2018. "[The gap and the bridge: A Science-Art reunification.](#)" Invited speaker. Creative Reactions, part of Science Odyssey by NSERC. Montreal, QC. Canada.
- May 25<sup>th</sup>, 2018. "Emotive tools for science communication, the neuroscience behind Convergence." Talk part of the Psychiatry Grand Rounds talks. Allan Memorial Institute. Department of Psychiatry Continuing Medical Education, McGill University. Montreal, QC. Canada.
- Jul 19<sup>th</sup>, 2018. "Emotive tools for science communication. The neuroscience behind Convergence." SHAD McGill Talk. McGill University. Montreal, QC. Canada.
- Aug 11<sup>th</sup>, 2018. "[Emotive tools for science-community communication.](#)" Lecture at Transiro 2018. Montreal, QC. Canada.
- Nov 7<sup>th</sup>, 2018. "[The two-brain conflict, the emotions & facts clash.](#)" Lecture at Métèque Art Gallery from a series of talks on Arts and Neuroscience. Montreal, QC. Canada.
- Nov 15<sup>th</sup>, 2018. "Convergence." [IdeaLabs Series](#). STEAM. 4<sup>th</sup> Space, Concordia University, Montreal, QC. Canada. (37'37")
- May 26<sup>th</sup>, 2019. "The Importance of Communicating Science to Society." 4<sup>th</sup> Conference of the Canadian Society for Chronobiology. McGill University, Montreal, QC. Canada.

The following are the talks part of the **Convergence Sci-Art Art-Sci Talks Series organized** by Dr Zaelzer:

- Oct 25<sup>th</sup>, 2017. Trevor Butterworth PhD, Sense About Science USA. "[The Sleep of Reason Produce Monsters: Science and the Scientific Method in Popular Imagination.](#)" Conference Hall, Centre for Research in Neuroscience. Montreal General Hospital. Research Institute of the McGill University Health Centre. Montreal, QC, Canada.
- Nov 24<sup>th</sup>, 2017. Chloe Soutar PhD, Queen's University, Kingston, ON, Canada. "[Neuromyths I: Don't Believe Everything You Hear.](#)" Conference Hall, Centre for Research in Neuroscience. Montreal General Hospital. Research Institute of the McGill University Health Centre. Montreal, QC, Canada.
- Apr 13<sup>th</sup>, 2018. Bettina Forget MAEd, Concordia University, Montreal, QC, Canada & SETI Scholar, CA, USA. "[Exploring Wonder: Art, Science, and Creative Inquiry.](#)" Concordia University Faculty of Fine Arts. Montreal, QC, Canada.



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- Oct 19<sup>th</sup>, 2018. Siddharth Ramakrishnan PhD, University of Puget Sound, WA, USA. "[Informing Each Other: Neurodiversity, neuroethics, art, and public enquiry.](#)" Concordia University Faculty of Fine Arts. Montreal, QC, Canada.
- Jan 11<sup>th</sup>, 2019. Stefanie Blain-Moraes PhD, McGill University, Montreal, QC, Canada. "[BioMusic.](#)" Cruess Amphitheatre. Glen Site, Research Institute of the McGill University Health Centre. Montreal, QC, Canada.
- Mar 8<sup>th</sup>, 2019. Caroline Laurin-Beaucage, Choreographer, Concordia University and L'Organism Dance Company, Montreal, QC, Canada. "[Looking Inside to Unfold.](#)" Conference Hall, Centre for Research in Neuroscience. Montreal General Hospital. Research Institute of the McGill University Health Centre. Montreal, QC, Canada.
- Apr 13<sup>th</sup>, 2019. Fernanda Perez-Gay MD PhD, UNAM Mexico, & McGill University, QC, Canada. "[Sinapsis.](#)" Concordia University Faculty of Fine Arts. Montreal, QC, Canada.

The following are the **publications** were Dr. Zaelzer is an author:

- "**Convergence, Perceptions of Neuroscience.**" (Poster) **Zaelzer C.**, Glassman K., Lessard A., Henault V., Brassard A., Jung-Hoo Park K., Langshaw P., Duclos R., Murai K. 11<sup>th</sup> Annual Meeting of the Canadian Association for Neuroscience. Montreal, QC., Canada. May 28<sup>th</sup> to May 31<sup>st</sup>, 2017.
- "**Engagement of neurosciences and the arts, the Convergence initiative.**" (Poster) **Zaelzer C.A.**, Henault V., Lessard A., Langshaw P., Glassman K., Swintak C., Khalili-Mahani N., Brassard A., Jung-Hoo Park K., Salmon C., Forget B., Toth K., Duclos R., Murai K. 47<sup>th</sup> Annual Meeting of the Society for Neuroscience. Washington DC., USA. Nov 11<sup>th</sup> to Nov 15<sup>th</sup>, 2017.
- "**The convergence curriculum: Arts, neuroscience, and society.**" (Poster) Zaelzer C.A., Forget B. 13<sup>th</sup> Annual Meeting of the Canadian Association for Neuroscience. Toronto, ON., Canada. May 22<sup>th</sup> to 25<sup>th</sup>, 2019.
- "**The trans-disciplinary convergence course: Neuroscience, arts, and society.**" (Poster) Zaelzer C.A., Forget B. 50<sup>th</sup> Annual Meeting of the Society for Neuroscience. Chicago IL., USA. Oct 19<sup>th</sup> to 23<sup>th</sup>, 2019.
- Convergence, Perceptions of Neuroscience. [Exhibition Catalog 2016-2017.](#) (Book) 100 pages.
- Convergence. [DCART Exhibitions Catalogue 2019.](#) (Book) 180 pages.

The following are mentions of the activities of *Convergence* in different news outlets:

<http://www.convergenceinitiative.org/newsroom>

October 13<sup>th</sup>, 2016. [CBC Radio One Homerun](#). Interview by Sue Smith.

October 27<sup>th</sup>, 2016. [The “Convergence” initiative takes flight](#): RI-MUHC trainees and Concordia University fine arts students explore new ways to explain brain research. Article on McGill University Health Centre Research Institute – News and Events. By Valérie Harvey.

November 2<sup>nd</sup>, 2016. Public lecture: “Neuroscience Convergence Talk, “The Black Box”. News note on McGill University Health Centre Newsroom. By Alison Burch.

November 28<sup>th</sup>, 2016. [“Concordia Fine Arts Class Drawn on the Neurosciences: Convergence Initiative Unites the Arts and the Sciences.”](#) Article on The Link Magazine. By Kelsey Litwin.

December 16<sup>th</sup>, 2016. “Convergence, Perceptions of Neuroscience.” Note published the Montreal General Hospital Foundation website. By Cristian Zaelzer.

December 23<sup>th</sup>, 2016. [“What Can Artists and Neuroscientists Learn from Each Other?”](#) Article on Concordia University News. By Kim Glassman.

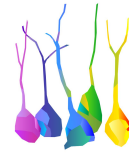
January 16<sup>th</sup>, 2017. [“Sensory”](#): A public lecture within the “Convergence, Perceptions of Neuroscience” project. News note on McGill University Health Centre Research Institute – News and Events. By Alison Burch.

January 18<sup>th</sup>, 2017. [“Unusual yet logical: The Convergence of Art and Neuroscience.”](#) Article on En Bref Magazine - McGill University Health Centre. By Andrée Lessard.

February 13<sup>th</sup>, 2017. [“Convergence Initiative: Artist-neuroscientist working groups revealed.”](#) Article on Concordia University News. By Andy Murdoch.

March 22<sup>nd</sup>, 2017. [“When neuroscience meets the world of art.”](#) Article on McGill News Magazine. By Andrea Bennett.

April 19<sup>th</sup>, 2017. [“Bridging science and the fine arts: The Convergence Initiative conveys a passion for](#)



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[neuroscience.](#)” Article on McGill University Health Centre Research Institute – News and Events. By Andrée Lessard & Alison Burch.

April 24<sup>th</sup>, 2017. [‘This idea that we are scientists or artists — that’s untrue’](#). Article on Concordia University News. By Andy Murdoch.

April 29<sup>th</sup>, 2017. « [La convergence des sciences et de l’art.](#) » Article on Le Devoir. By Claude Lafleur.

May 5<sup>th</sup>, 2017. “Scientific literacy and citizen involvement: The Convergence of Science and Art.” Note published on the website of Les Journées internationales de la culture scientifique. Organized by the Association francophone pour le savoir, McGill University, and Université de Lorraine.

May 13<sup>th</sup>, 2017. Le cerveau, c’est simplement beau. 24 heures de science. Organized by Science pour tous!, Canadian Commission for UNESCO, Odysée des sciences, and Eureka. Hosted at the Visual Voice Gallery.

June 6<sup>th</sup>, 2017. Montreal Artists: [Paméla Simard](#). Alex Tran Photography Blog.

Nov 5<sup>th</sup>, 2018. “[Art: A Vehicle for Science. Conversations in Neuroethics.](#)” McGill News article by Sean Zhang.

Feb 6<sup>th</sup>, 2019. “[Biomusic: Music that’s in Tune with Our Bodies. How Biomusic blends both Art and Science to Enable Communication.](#)” McGill News article by Sean Zhang.

April 24<sup>th</sup>, 2019. “[Artists and neuroscientists collaborate on year-long art-science project.](#)” Concordia Faculty of Fine Arts News & Events Article by Dave LeRue.

May 7<sup>th</sup>, 2019. “[Features-Convergence Exhibition 2019.](#)” Art the Science Blog article by Cat Lau.

The following are links to *Convergence* website, blog, graphic work, and social media accounts done by Dr. Zaelzer:

Convergence, Perceptions of Neuroscience website: [www.convergenceinitiative.org](http://www.convergenceinitiative.org)

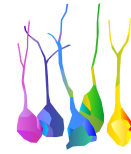
Convergence, Perceptions of Neuroscience blog: <https://www.convergenceinitiative.org/blog>

Convergence Initiative graphic design work: <https://www.convergenceinitiative.org/convergencecvcz>

Convergence Initiative Instagram: @convergenceinitiative

Convergence Initiative Twitter: @InfoConvergence





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Convergence Initiative Facebook page: @convergenceinitiative

Convergence Initiative Youtube channel: [https://www.youtube.com/channel/UC2cy-bO\\_Tn5apy1DuKey0zw](https://www.youtube.com/channel/UC2cy-bO_Tn5apy1DuKey0zw)