

KELSO HARPER

Video Producer & Science Journalist
kelsoharper.com / kelso.harper@gmail.com

EDUCATION

Massachusetts Institute of Technology (MIT)

Master of Science in Science Writing, 2020-2021

Relevant coursework: Advanced Documentary, Newswriting, Data Journalism, Podcasting, Acting Intensive, Investigative Journalism with Sarah Childress, Deputy Investigative Editor for *The Washington Post*

Johns Hopkins University

Bachelor of Arts in Chemistry, 2014-2018

Relevant coursework: Science News Writing, Science Feature Writing, Travel Journalism, Acting with the Camera

SKILLS

- Producing, Directing, Editing, Reporting, Writing, Videography, Photography, Motion Graphics, Animation
- Adobe Premiere Pro, After Effects, Lightroom, Illustrator, Photoshop, InDesign; Sony and Canon camera systems; Wix, Squarespace, Wordpress; Blender, Cinema 4D Lite; Spanish (professional proficiency)

MEDIA EXPERIENCE

Freelance Documentary Producer

Retro Report, *Scientific American*, Dec. 2019-Present

- Produce, edit, and narrate two short documentaries about [weight bias in scientific research](#) and weight discrimination in healthcare. Previously associate produced a documentary about [e-cigarettes](#).

Freelance Multimedia Journalist

Various Clients, July 2020-Present

- Projects include a digital feature on a catastrophic Himalayan flood for *Scientific American*, a magazine article about black holes for *Popular Mechanics*, a video about the Perseverance Mars Rover for *Science*, script-writing for TED-Ed, and [social videos](#) for [Horse Network](#).

Multimedia Science Communicator

MIT, Jan. 2022-Mar. 2022

- Report and write stories about MIT-Chile research partnerships, photograph Chilean research, and create a 10-year report about the MIT-Chile program. Based in Santiago de Chile, working in both English and Spanish.

Multimedia Producer

MIT Kavli Institute for Astrophysics, Sept. 2020-May 2021

- Wrote profiles and news articles about [gravitational waves](#), [exoplanets](#), [galaxy clusters](#), and [dark matter](#).
- Filmed, edited, and produced videos on Kavli projects, including [NASA's Transiting Exoplanet Survey Satellite](#), the [MIT Space Nano Lab](#), and the [Laser Interferometer Gravitational-Wave Observatory](#).

Video Journalism Intern

Scientific American, June 2019-Dec. 2019

- Filmed and co-edited a video on [NASA's Chandra X-Ray Telescope](#), and scripted, animated, edited, and narrated videos about [glacial floods](#), [processed foods](#), [fireworks](#), and [fire tornadoes](#).
- Co-founded and wrote the column [The Week in Science GIFs](#), and wrote a news article about [liquid magnets](#).

Science Writer

National Geographic Resource Library, Aug. 2018-Feb. 2019

- Wrote articles and lesson plans on physical science topics for middle school students and educators.

Multimedia Producer

Steger Wilderness Center, June 2018-2019

- Produced videos to showcase the work of the Center, which serves as a model for sustainable living. Developed and posted content on the website and social media, including videos, photos, and captions.

Science Writing Intern

Brookhaven National Laboratory, June-Aug. 2017

- Reported and wrote news articles and feature stories on [neutrino research](#), [nuclear physics](#), [crystallography](#), and [synchrotron science](#) for the Brookhaven Lab website.

AWARDS

- Finalist for the 2022 \$20,000 NIHCM Digital Media Award for [The Weight Game](#)
- 2020 Taylor/Blakeslee University Fellowship, Council for the Advancement of Science Writing
- Travel fellowship, 2019 World Conference of Science Journalists (WCSJ)
- Student Travel Fellowship, 2017 WCSJ (reported on Nobel Laureate [Jennifer Doudna](#))