

HUBBARD BROOK

ARTIST-IN-RESIDENCE PROGRAM

SUMMER 2016

PLEASE WELCOME XAVIER CORTADA AND MARTY QUINN TO HUBBARD BROOK FOR A WEEK LONG ARTIST-IN-RESIDENCE PROGRAM FROM JUNE 6 TO 10, 2016. THEY ARE PARTICIPATING ARTISTS IN A NATIONAL SCIENCE FOUNDATION GRANT: THE CONFLUENCE OF ART, MUSIC AND SCIENCE AT LONG TERM ECOLOGICAL RESEARCH SITES. THEIR WORK FOCUSES ON ENCODING HUBBARD BROOK REAL-TIME ENVIRONMENTAL SENSOR DATA AS ART AND MUSIC IN ORDER TO BETTER DISCOVER UNDERLYING PATTERN AND PROCESS, WHILE AT THE SAME TIME MAKING THESE DATA AVAILABLE TO A BROADER, MORE DIVERSE AUDIENCE. SPECIFICALLY, THEY ARE CONTRIBUTING TO THE WATERVIZ FOR HUBBARD BROOK: A NEW WATER CYCLE VISUALIZATION AND SONIFICATION TOOL. THEY WILL BE TRAVELING TO THE HJ ANDREWS EXPERIMENTAL FOREST TO CREATE A SIMILAR PIECE OF ONLINE DIGITAL ART AND MUSIC FOR A CONTRASTING OLD GROWTH CEDAR/HEMLOCK/DOUGLAS FIR FOREST IN THE FALL. TOGETHER, THESE PIECES CREATE A REVOLUTIONARY NEW APPROACH TO MAKING BIG DATA IN ENVIRONMENTAL SCIENCE MORE UNIVERSALLY AVAILABLE.



XAVIER CORTADA is an internationally recognized artist who works with a variety of media to generate awareness of environmental issues. He has worked with arctic biologists at the earth's poles, physicists at CERN in Switzerland, population geneticists in Africa and worldwide, and mangrove biologists in Florida. Since 2011, Xavier Cortada has based his engaged art-science practice at Florida International University. He serves as Artist-in-Residence at FIU School of Environment, Arts and Society, the FIU College of Arts & Sciences, and the FIU College of Architecture + The Arts. Cortada often collaborates with scientists in his art-making.



MARTY QUINN is a computer scientist, composer, artist, dancer, and sonification researcher specializing in transforming scientific data into music. He has won three NASA grants related to improving accessibility of data and imagery for the visually impaired and is the creator of "Walk on the Sun" interactive image sonification exhibit and "MoveMusic" technology. He received his Masters in Computer Science from the University of New Hampshire where he recently worked on the IBEX and CRaTER instrument space science teams. In addition, he is involved in producing new dance and theatre works with his wife and creative partner, Dr Wendy Quinn.

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