

2018 – 2019 Publications, Exhibits, Performances and Film

Lipke-Perry, T., Dutto, D., & Levy, M. (2018). Comparison of Finger Dwell and Overlap Times in Pianists.

Proceedings of 23rd Annual Congress of the European College of Sport Science.

Levy, M., Dutto, D., & White, L.-A. (2018). Comparisons of ankle and knee kinetics during Demi-Plié movements. Hagertown, MD/Lippincott Williams & Wilkins: Medicine and Science in Sport and Exercise.

Levy, M., Lipke-Perry, T., & Dutto, D. (2019). The Effect of Attentional Focus on Gesture and Characteristics of Sound at the Piano. International Congress on Sound and Vibration. [Accepted]

Lipke-Perry, T., Dutto, D., & Levy, M. (2019). The piano keyboard as task constraint: timing patterns of pianists' scales persist across instruments. Music and Science, SAGE Publishing. [Revising to Resubmit]

Lipke-Perry, T., Dutto, D., & Levy, M. 23rd Annual Congress of the European College of Sport Science, "Comparison of finger dwell and overlap times in pianists," European College of Sport Science, Dublin, Ireland. (July 7, 2018).

Levy, M., Dutto, D., White, L. 65th Meeting of ACSM, "Comparisons of ankle and knee kinetics during demiplié movements," American College of Sports Medicine, Minneapolis, Minnesota, United States. (May 31, 2018).

Levy, M. Séminaire sur la gestuelle pianistique (seminar on the piano gesture), "Mes premières incursions dans l'étude mécanique des pianistes (My first incursions in the study of pianist biomechanics)," Faculté de Musique, Université de Montreal, Montreal, Canada. (March 9, 2018).

"Speed Research" is an hour long presentation with question and answer period following presentations. Three presenters from different collegiate units are given 5 minutes to discuss their current research or creative project, followed by a 10 minute Q & A for each presenter. This style of presentation is meant to

encourage interdisciplinary involvement, and can often be quite insightful for both the presenter and the audience. 2013 till present.

Railroad interactive display. Illustration of train and depot in autumn for interactive kiosk. Depot Train Museum. 2011 till present.

First Robotics Judge. Judge state-wide high school robotic projects on various functions and merit for First Robotics Corporation. Duluth. 2013-present.

“Fishnetstockings” is an interactive installation created by digital artist Joellyn Rock, visual artist Alison Aune, computer scientists Logan Sales and Pete Willemssen, at the MMAD Lab and Viz Lab. The participatory space allows the audience to dive in and make virtual waves inside this alt version of a very old tale. A layered mix of digital video, text, silhouettes and cutout elements are motion activated with a combo of code, Processing and Kinect. Presented at the Nordic Center, Duluth, MN; ELO 2015 Conference, Lydgalleriet, Bergen Norway, Summer 2015; Åby Bibliotek Aarhus, Denmark, Spring 2016 and Frozen River Film Fest, Minnesota Marine Art Museum, Winona, Minnesota, February 2018.

Nature Remixed / Digital Art Workshop for Art Educators of Minnesota (AEM), offered by Joellyn Rock in collaboration with Jeremy Holien of the Perpich Center for Art Education. The multi-day hands-on workshop for K-12 educators included experimental chromakey video in the Motion and Media Across Disciplines Lab. June 11-13, 2018

Interdisciplinary Residencies This is a creative residency in company of other like-minded researchers to create or devote time to a research project, using the Viz Lab or Motion + Media Across Disciplines (MMAD) Lab facilities. The Labs create an empathetic atmosphere, allowing residents to pursue their vision through exploration, reflection, research, collaboration and creative endeavors. 2017 to present