



## VISUALIZING RESEARCH

Using Photography + Video for Proposal Development and Communicating Science









Eadweard Muybridge, Plate 290 from Animal Locomotion, 1887



Harold Edgerton, Atomic Bomb Explosion, 1946-52





Harold Edgerton, Bullet Through Apple, 1964



Harold Edgerton, Cutting the Card Quickly!, 1964









Berenice Abbott *Transformation of Energy* 1958





Berenice Abbott *Wave Pattern* ca. 1950





Berenice Abbott Soap Bubbles 1945







VIZZIES | NSF





Elizabeth Marchiondo Andrew Gillis *Alcian and alizarin chameleon* 2014-15





Invisible Coral Flows 2013





Lewis Hine 10yo. Spinner in Cotton Mill 1908



Lewis Hine One of many youngsters working in the Cotton Mill 1908



Lewis Hine *Young Coal Miner* 1911





LaToya Ruby Frazier Shea Brushes Zions Teeth 2016



LaToya Ruby Frazier *City of Flint Water Plant* 2016



## STOP THE VIOLENCE INCREASE THE EDUCATION & PEACE



LaToya Ruby Frazier Shea standing above the Flint River 2016









Heather Dewey-Hagborg, Stranger Vision, 2013

mtDNA Haplogroup: T2b Likely Ancestry: European

SRY Gene: Absent Gender: Female

HERC2 Gene: AA Likely Eye Color: Brown Sample 4 1/6/13 Myrtle & Himrod st. Brooklyn, NY







## Heather Dewey-Hagborg, *Stranger Vision*, 2013



Zachary Norman Endangered Data 2017



Jawshing Arthur Liou, *Bloodwork*, 2003



## Re-Imag(in)ing Science Plenoptics Team