

Morgan Riley

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EDUCATION

- PhD, Applied Physics** 2015 – 2021
Imagination University, Fakeville, FA
- MSc, Applied Physics** 2013 – 2015
Imagination University, Fakeville, FA
- BSc, Physics** 2009 – 2013
Fake University, Imagination Town, IT

PROFESSIONAL APPOINTMENTS

- Research and Teaching Assistant – PhD Student** 2015 – 2021
Imagination University, Fakeville, FA
- Research and Teaching Assistant – MSc Student** 2013 – 2015
Imagination University, Fakeville, FA

SELECTED PUBLICATIONS

- M. Riley, Q.R. Smith, A.A. Garcia, K.M. Chan, Art Forgeries are Bad, *Journal of Art Forgery*, **22** (2021) 2551-2568.
- M.J. Jones, E.L. Flannigan, C.W. Carson, T.W. Elm, M. Riley, X.C. Akana, How Do We Identify Historic Art Forgeries? *Artistic Analysis*. **85** (2021) 658-667.
- M. Riley, M.C. Tyson, J.O. Banks, H.C. Tallman, V.C. Adams, L.A. Iona, J. Henderson. X-ray Emission for Use in Art Authentication, *Science of Materials* **98** (2020) 54-68.
- A.C. Faiz, P.J. Mossman, P.F. Patel, R.P. Xu, M. Riley, M.C. Braun, N.J. Heinz, Viability of X-ray Analysis in Evaluating Painting Authentication. *Applied Physics* **121** (2019) 541-555.
- M. Riley, Y. Liu, C.B. Clark, T.W. Elm, E.P. O’Neil, K.P. Simmons, M. Tyson, A.C. Allison, Presenting a Novel Method for Art Authentication, *Applied Physics* **168** (2018) 1222-1245.
- L.J. Carson, D.T. Brown, L.E. Ruiz, M. Riley, A.J. Maxwell, L.R. Rhonde, M.P. Taylor, Fake Art or

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Priceless Piece? *Analysis of Modern Materials.*, **499** (2014) 77 – 88.

CONFERENCES AND POSTERS

M. Riley, The History of X-ray Analysis of Art Forgeries in American Museums (Invited Talk) X-ray and Art Conference, January 2021, Virtual.

M. Riley, M.J. Jones, E.L. Flannigan, C.W. Carson, T.W. Elm, X.C. Akana, Calibrating X-ray Beams for Open Air Analysis (Poster) 33rd Annual Arts & Sciences Conference, August 2020, Virtual.

M. Riley, N.C. Amos, L.J. Wilson. Analysis of Alizarin Crimson By Renaissance Masters (Presentation) X-ray Optics Conference, March 2019, Imaginationtown, IT.

M. Riley, Y. Liu, C.B. Clark, T.W. Elm, E.P. O'Neil. Open Air Interference in X-ray analysis (Poster) International X-ray Analysis Conference. April 2018. Rome, Italy.

M. Riley, L.J. Carson, D.T. Brown, L.E. Ruiz. Erroneous Assumptions in Art Authentication (Poster) International X-ray Analysis Conference. April 2017. Johannesburg, South Africa.

AWARDS AND CERTIFICATES

Invited Speaker – X-ray and Art Conference, Virtual	2021
Best Poster Award – X-ray Optics Conference	2019
Best Poster Award – International X-ray Analysis Conference	2018
Best Poster Award –International X-ray Analysis Conference	2017
Graduate Teaching Award , Department of Physics, Imagination University	2016
NSF Graduate Fellowship	2015