To whom it may concern:

I believe I am a strong candidate for many imaging and forensics positions due in part to my strong scientific research background as documented in my resume. Throughout the course of my work in research, I was tasked with developing novel solutions to problems using readily available materials including lab provided resources. Forensic Science is not cut and dry; rarely are the circumstances surrounding an event readily apparent: determining the sequence of events requires a high degree of critical thinking to begin to unravel and place events in order. The development of new methods for the examination of evidence as well as determining the sequences of events requires a substantial amount of background knowledge and the skills to apply that knowledge. I am highly skilled at applying my knowledge to solve complex problems such as those that are encountered daily in forensic science.

My name is Joe DeMaro. I graduated in 2017 from the Forensic Science Master’s Degree Program at Marshall University specializing in Crime Scene Investigation and Forensic DNA analysis. Previously, I completed my undergraduate Biology degree at Purdue University in 2015 dual specializing in Genetics and Neurobiology and Physiology with minors in Psychology, Russian, and Forensic Science.

It was at Purdue under the direction of my mentor Patrick Jones that I discovered my passion for incorporating imaging with forensics. While working with Mr. Jones, aside from attaining knowledge on a wide variety of forensic techniques and topics, I headed a research project that employed a camera mounted on a turret used to take panoramic photographs of buildings. Photos were assembled using specialized software into panoramas. Panoramas were ultimately combined to provide a photographic representation of the building that was imaged. Panoramas of both outside and inside of buildings would provide valuable information to law enforcement and other first responders in the event of an active shooter situation or another incident. The panorama project information offered valuable protection for first responders, students, faculty, and staff and provided me with beneficial experience in transforming digital data into significant information.

My graduate thesis project involved working with the Marshall University Forensic Science Program Director, Dr. Terry Fenger developing protocols to allow investigators to economically and efficiently access crime scenes with an unmanned aerial vehicle (UAV or drone). A drone is a suitable tool for use in forensics because of its ease of use and cost-effectiveness. My project required me to employ a high level of my problem-solving skills, creativity in designing projects and the ability to communicate ideas, concerns, and questions clearly to a wide variety of audiences ranging from experts to lay individuals.

Please find my resume attached for your review and I am happy to provide a full list of references upon request.

Thank you very much for your time,

­­­­Joe DeMaro M.S. B.S.