

Title of research need:	Post Capture Imaging Processing
Keywords: Processin	ng, enhance, photo, facial, image,
Submitting subcommitt (If SAC review identifies a	tee(s): Facial Identification Date Approved: 1/29/16 dditional subcommittees, add them to the box above.)
Background informatio 1. Description of research	
Best practices and scient and forensics.	tifically validated techniques to improve facial image quality for biometrics
2. Key bibliographic refe	rences relating to this research need:
1. Forensic Photosh Hoerricks.	nop a comprehensive imaging workflow for forensic professionals by Jim
3a. In what ways would t	the research results improve current laboratory capabilities?
•	ies, accuracy and consistencies will be improved by knowing what types of ailable yields better results.
improve laboratory cap	techniques to improve image quality for biometrics and forensics would abilities because of the potential to provide examiners with materials that trengthen their analysis, comparisons, and conclusions.

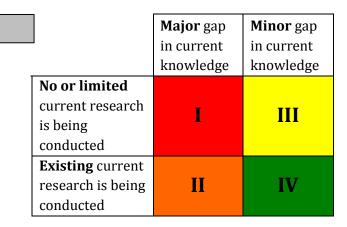
3b.	In what ways would the research results improve understanding of the scientific basis for the
sub	committee(s)?

At present there is not specific facial examination scientific validation of the techniques currently used.

3c. In what ways would the research results improve services to the criminal justice system?

Will provide scientifically validated methods which are expected to improve the accuracy of results supporting forensic evidence to the legal justice system.

4. Status assessment (I, II, III, or IV):



This research need has been identified by one or more subcommittees of OSAC and is being provided as an informational resource to the community.

Subcommittee	Approval date: 1/29/16	
(Approval is by majority vote of subcommittee. Once approved, forward to SAC.)		
SAC		
1. Does the SAC agree with the research need? Yes 🕲 No 🔘		
2. Does the SAC agree with the status assessment? Yes 🗷 No 🔘		
If no, what is the status assessment of the SAC:		
Approval date: 6/15/16		
(Approval is by majority vote of SAC. Once approved, forward to NIST for posting.)		