SRE Glossary

Term	Definition
AVD	Azure Virtual Desktop - the virtual environment that SRE uses
Azure infrastructure	Microsoft's cloud platform; an evolving collection of integrated cloud services spanning compute, data storage, and software applications
Cloud computing	The delivery of computing services—including servers, storage, databases, software, and analytics—over a computer network
Data steward	Person responsible for ensuring the quality, security, and fitness of the data for the purpose of the research
Egress of data	The output flow of research results
Epic	The medical data repository UMMS uses for research data
Faculty researcher	The UMB faculty member sponsoring the research project, often the Principal Investigator. The data and SRE requestor must be a faculty researcher.
HIPAA	Health Insurance Portability and Accountability Act - a federal law that required the creation of national standards to protect sensitive patient health information from being disclosed without the patient's consent or knowledge

Honest broker	The data steward for the owner of research data who acts to collect and provide that data to research investigators
ICTR	Institute for Clinical & Translational Research
IHC	Institute for Health Computing - leverages advances in network medicine, artificial intelligence (AI), and machine learning to create a premier learning health care system that evaluates both de-identified and secure digitized medical health data to improve outcomes for patients across the state of Maryland
Ingress of data	The input of research data used for analyses
Intellectual Property (IP)	Creations of the mind such as research work or collections of data analyses

PHI	Protected Health Information - a.k.a. personal health information. Examples include:
	•Names
	•Geographic subdivisions smaller than a state (Note: this includes ZIP code)
	•Elements of dates (except year)
	•Ages over 89
	•Telephone numbers
	•Vehicle identifiers and serial numbers, including license plate numbers
	•Fax numbers
	•Device identifiers and serial numbers
	•Email addresses
	•Web Universal Resource Locators (URLs)
	•Social security numbers
	•Internet Protocol (IP) addresses
	•Medical record numbers
	•Biometric identifiers, including finger and voice prints
	•Health plan beneficiary numbers
	•Full-face photographs and any comparable images
	•Account numbers
	•Any other unique identifying number, characteristic, or code
	•Certificate/license numbers

PI	Principal investigator - the main researcher on a project
PII	Personally Identifiable Information - information that, when used alone or with other relevant data, can identify an individual. Examples include an individual's first name or first initial and last name in combination with any one or more of these data elements: • Social Security number, an Individual Taxpayer Identification Number, a passport number, or other identification number issued by the federal government • A driver's license number or State identification card number •An account number, a credit card number, or a debit card number, in combination with any required security code, access code, or password, that permits access to an individual's financial account •Health information, including information about an individual's mental health, Medical Record Number •A username or e–mail address in combination with a password or security question and answer that permits access to an individual's e–mail account
RIC	Research Informatics Core – the group within the ICTR that administers the UMMS-controlled research data
Sensitive data	Revealing personal data such as health related data and other types that are not meant to be made public
SRE	Secure Research Environment
UMB	University of Maryland Baltimore

UMMS	University of Maryland Medical System