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ENHANCING NEURO IMAGING GENETICS THROUGH META ANALYSIS

[Disease](#)[Healthy Variation](#)[Genomics](#)[Algorithm Development](#)[Collaborations](#)

What is ENIGMA?

The ENIGMA Consortium brings together researchers in imaging genomics to understand brain structure, function, and disease, based on brain imaging and genetic data. We welcome brain researchers, imagers, geneticists, methods developers, and others interested in cracking the neuro-genetic code!

The ENIGMA Consortium has several goals:

- ① To create a network of like-minded individuals, interested in pushing forward the field of imaging genetics.
- ② To ensure promising findings are replicated via member collaborations.
- ③ To share ideas, algorithms, data, and information on research studies and methods.
- ④ To facilitate training, including workshops and conferences on key methods and emerging directions in imaging genetics.

There are 50 active ENIGMA working groups!! Full details of each ENIGMA project can be accessed by clicking on the links provided. If you are interested in joining and contributing to a current group, or would like to propose a group you do not see listed, please contact us at enigma.usc.edu

Bipolar	Major Depression	Schizophrenia	ADHD	Epilepsy	Eating Disorders	PTSD	Sleep	Tourette's Syndrome
OCD	Stroke Recovery	Suicidal Thoughts & Behaviors	Parkinson's	Addiction	Irritability	HIV	Eating Disorders	Anxiety
EOP	Schizotypy	Cancer & Chemotherapy	Ataxia	FDT	Antisocial Behavior	Relatives	Autism	22q11.2
Clinical High Risk								

Genomics

[GWAS](#) [Subcortical Volume](#) [Diffusion Tensor Imaging](#) [Cortical Thickness](#) [GCTA](#) [CNVs](#) [Evolution](#)

Algorithm Development Groups

[DTI & Connectomics](#) [Subcortical Shape](#) [EEG](#) [Hippocampal Subregions](#) [BrainAGE](#) [Sulci](#) [rsfMRI](#) [tbfMRI](#)

Development & Aging

[Plasticity](#) [Lifespan](#) [Laterality](#) [ORIGINs](#)

Collaborations with Other Consortia

[ENIGMA & PGC](#) [ENIGMA & CHARGE](#) [ENIGMA & ILAE](#)

<http://enigma.ini.usc.edu/>

