

- Cognitive control and task performance
- Network interactions and evidence in human systems
- Experimental design and behavioral performance
- Visual object recognition
- Working memory and executive function
- Attention
- Episodic memory encoding and retrieval
- Experimental design
- Language processing and semantic knowledge
- Action observation and imitation
- Alcohol cue reactivity
- Spatial cognition
- Blindness and vision
- Temporal dynamics of stimulus processing
- Multisensory integration and perception
- Resting state networks
- Priming and repetition effect
- Mental imagery and math abilities
- Phonological processing in reading
- Abstract categories and representations
- Gesture recognition and visual attention
- Deafness and sign language
- Visual perception of motion and form
- Facial and voice recognition
- Cognitive control and interference
- Rule-based performance and complexity
- Moral decision making and phobias

- Speech and language processing
- Cognitive functions and role playing
- Social cognition/judgment
- Social interaction and contextual behavior
- Sentence comprehension and syntax
- Menstrual cycle and hormonal regulation
- Relational reasoning and fluid intelligence
- Eye movements and visual attention
- Sensorimotor integration and movement control
- Working memory and error monitoring Music perception and auditory processing
- Skill learning and expertise
- Effective causal modeling of neural networks
- Inhibition and gender differences
- Color perception and deception
- Pain perception and sensory stimulation
- Fear conditioning and extinction
- Cognitive performance and control
- Autism Spectrum Disorder (ASD) and social impairments
- Emotional processing and regulation
- Reward and decision making
- Social perception and empathy Affective valence and feedback processing
- ADHD and attention deficits
- Developmental aging and maturation
- Sleep and olfactory processing
- Autobiographical memory in epilepsy

- Evidence and effect in behavioral studies
  - Eating and body weight PTSD and trauma

  - Body and primates
  - Somatosensory stimulation and motor control
  - Stress and physiological responses
  - Tinnitus and hearing loss
  - Resting-state brain activity in smokers
  - Neurobiological variability and individual differences

  - Pharmacological effects of placebo and drug administration
  - Alzheimer's disease and mild cognitive impairment
  - Therapeutic interventions and training
  - Neural oscillations and electrophysiology

  - Personality and anxiety
  - Language laterality
  - Genetic risk and familial factors in psychosis
  - Genetic polymorphisms and risk factors
  - Drug addiction and substance abuse
  - Major depression disorder and emotions
  - Neuroimaging and metabolism
  - Mental disorders and controls
  - Neuroimaging techniques
  - Neurodegenerative diseases and disorders
  - Abnormalities in schizophrenia
    - Lesion and stroke rehabilitation
  - Structural MRI and brain volume analysis