

Resource Summary Report

Generated by [ASWG](#) on Aug 4, 2026

RDoC

RRID:SCR_002244

Type: Tool

Proper Citation

RDoC (RRID:SCR_002244)

Resource Information

URL: <http://www.nimh.nih.gov/research-priorities/rdoc/index.shtml>

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Description: NIMH Strategic Plan developing, for research purposes, new ways of classifying psychopathology based on dimensions of observable behavior and neurobiological measures. In brief, the effort is to define basic dimensions of functioning (such as fear circuitry or working memory) to be studied across multiple units of analysis, from genes to neural circuits to behaviors, cutting across disorders as traditionally defined. The intent is to translate rapid progress in basic neurobiological and behavioral research to an improved integrative understanding of psychopathology and the development of new and/or optimally matched treatments for mental disorders. The various domains of functioning, and their constituent elements, are being defined by an ongoing series of consensus workshops; input from the research community and other interested stakeholders is encouraged.

Abbreviations: RDoC

Synonyms: Research Domain Criteria

Resource Type: narrative resource, data or information resource, knowledge environment, standard specification

Defining Citation: [PMID:24016027](#), [PMID:23902986](#), [PMID:22577302](#), [PMID:21198381](#), [PMID:20939653](#), [PMID:20929969](#), [PMID:20595427](#)

Keywords: cognitive system, neural circuit, behavior, cognition, comorbidity, psychiatric diagnosis

Related Condition: Mental disease

Funding: NIMH

Availability: Free, Freely available

Resource Name: RDoC

Resource ID: SCR_002244

Alternate IDs: nlx_155557

Record Creation Time: 20220129T080212+0000

Record Last Update: 20260804T043149+0000

Ratings and Alerts

No rating or validation information has been found for RDoC.

No alerts have been found for RDoC.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 156 mentions in open access literature.

Listed below are recent publications. The full list is available at [ASWG](#) .

Keel PK, et al. (2025) Test of a biobehavioral model linking weight suppression to binge-eating severity via leptin and glucagon-like peptide 1 in bulimia nervosa and related syndromes in women. *Psychological medicine*, 55, e177.

Denis D, et al. (2025) Slow oscillation-sleep spindle coupling is associated with fear extinction retention in trauma-exposed individuals. *bioRxiv : the preprint server for biology*.

Quah SKL, et al. (2025) A data-driven latent variable approach to validating the research domain criteria framework. *Nature communications*, 16(1), 830.

Rohlfing N, et al. (2025) Psychotherapy Research Domain Criteria: functional mechanisms of treatment and a basic theory of the mind. *Frontiers in psychiatry*, 16, 1549976.

Pan N, et al. (2025) Overlapping and differential neuropharmacological mechanisms of stimulants and nonstimulants for attention-deficit/hyperactivity disorder: a comparative neuroimaging analysis. *Psychological medicine*, 54(16), 1.

Meringolo M, et al. (2025) Impairment of Group I Metabotropic Glutamate Receptors in the Dorsal Striatum of the R451C-Neurexins 3 Mouse Model of Autism Spectrum Disorder. *Journal of neurochemistry*, 169(10), e70253.

McGorry PD, et al. (2025) New diagnosis in psychiatry: beyond heuristics. *Psychological medicine*, 55, e26.

- Schuman I, et al. (2025) Willing to wait: Anorexia nervosa symptomatology is associated with higher future orientation and reduced intertemporal discounting. *Scientific reports*, 15(1), 4508.
- Conrad CD, et al. (2025) Chronic 17 β -estradiol treatment improves negative valence, anhedonic profile, and social interactions in ovariectomized, middle-aged female rats. *Frontiers in behavioral neuroscience*, 19, 1553501.
- Koller-Schlaud K, et al. (2025) Protocol for a prospective observational study linking research domain criteria-based phenotypes with clinical and care-related outcomes in psychiatric patients and healthy controls: the VeRDoC study. *BMJ open*, 15(12), e106149.
- Jeong H, et al. (2025) Neuroimaging findings of adolescent depression: A review by the Research Domain Criteria (RDoC) framework. *Psychiatry research. Neuroimaging*, 347, 111917.
- Qiu J, et al. (2025) The interaction network and potential clinical effectiveness of dimensional psychopathology phenotyping based on EMR: a Bayesian network approach. *BMC psychiatry*, 25(1), 81.
- Vinke LN, et al. (2025) Neural correlates of personal space regulation in psychosis: role of the inferior parietal cortex. *Molecular psychiatry*, 30(7), 3008.
- Kas MJH, et al. (2025) Precision psychiatry roadmap: towards a biology-informed framework for mental disorders. *Molecular psychiatry*, 30(8), 3846.
- Pintos Lobo R, et al. (2025) Social profiles among youth with attention-deficit/hyperactivity disorder (ADHD): Evidence from the ABCD study. *Developmental cognitive neuroscience*, 75, 101591.
- Dutta A, et al. (2025) Platform Technology for Extended Reality Biofeedback Training Under Operant Conditioning for Functional Limb Weakness: Protocol for the Coproduction of an at-Home Solution (React2Home). *JMIR research protocols*, 14, e70620.
- Xiao W, et al. (2025) Neuroanatomical dimensions in major depression linked to cognition, adverse life events, self-harm, metabolomics and genetics. *Communications medicine*, 5(1), 502.
- Zagaria A, et al. (2024) A close look at sociality in DSM criteria. *Social psychiatry and psychiatric epidemiology*, 59(3), 475.
- Schettino M, et al. (2024) Effects of acute stress on reward processing: A comprehensive meta-analysis of rodent and human studies. *Neurobiology of stress*, 31, 100647.
- Schuman I, et al. (2024) Waiting for it: Anorexia Risk, Future Orientation, and Intertemporal Discounting. *Research square*.