



Colegio de San Juan de Letran
Dominican Avenue, Abucay, Bataan
Library and Media Services

RESEARCH GUIDE: BIOPSYCHOLOGY

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RESEARCH GUIDES

BIOPSYCHOLOGY

I. SCOPE NOTE

Biopsychology is the approach of explaining human behavior as a result of biological mechanisms. It can include genetic, hormonal, and neurotransmitter approaches, as well as the physiology of the human brain. The physiological approach to studying human behavior. Basic concepts and findings in neuroscience with special emphasis on brain-body relationship, brain-behavior relationship and mind-behavior relationship are treated in the course.
[Academic Psychology](#)

II. SEARCH AIDS (BT: Broader Term, RT: Related Term, NT: Narrow Term)

BT:

- Psychology

RT:

- Psychobiology
- Biological Psychology
- Biopsychosocial
- Neuroscience
- Nervous system
- Neural communication
- Neurotransmitters
- Neurological disorders and treatment
- Brain development
- Neural systems
- Human behavior
- Neurological disorders
- Neural conduction
- Synaptic transmission

NT:

- Brain cell structure
- Brain cell function
- Audition
- Body senses
- Chemical senses
- Schizophrenia
- Affective disorders
- Stress disorder
- Emotion
- Learning
- Memory

- Ingestive behavior
- Sleep
- Biological rhythms
- Neuron
- Action potential
- Receptor sites
- Post-synaptic cell
- Lateralization
- Language
- Split-brain

III. INFORMATION RESOURCES

A. LIBRARY RESOURCES

Note: For the appropriate access credentials, please contact the Letran Bataan Library

➤ E-JOURNALS

- The Scientific World Journal.
https://www.proquest.com/central/publication/publications_1136335
- Adapted Physical Activity Quarterly: AOAQ.
https://www.proquest.com/central/publication/publications_3748024
- Pflügers Archiv - European Journal of Physiology.
https://www.proquest.com/central/publication/publications_54034
- Applied Cognitive Psychology.
https://www.proquest.com/central/publication/publications_37238
- Journal of Psychology and Theology.
https://www.proquest.com/central/publication/publications_47846
- Psychological Reports.
https://www.proquest.com/central/publication/publications_29961
- British Journal of Psychology.
https://www.proquest.com/central/publication/publications_38178
- Indian Journal of Positive Psychology.
https://search.proquest.com/central/publication/publications_2032133
- Journal of Psychology and Theory.
https://search.proquest.com/central/publication/publications_47846
- Journal of Educational Psychology.
https://search.proquest.com/central/publication/publications_42319
- Teaching of Psychology.
https://search.proquest.com/central/publication/publications_48406
- Journal of Instructional Psychology.
https://search.proquest.com/central/publication/publications_48173

➤ E-THESES

- Buzick, J. (2019). Understanding the biopsychological effects of trauma on learning: An investigation of interventions to support faculty (Order No. 27669697). Available from ProQuest Central. (2328017799). Retrieved from <https://www.proquest.com/dissertations-theses/understanding-biopsychological-effects-trauma-on/docview/2328017799/se-2?accountid=190548>
- Martin, B. J. (2019). Observed stigma: Latent topic differences among the general public and a mental health population (Order No. 13900818). Available from ProQuest Central. (2248789705). Retrieved from <https://www.proquest.com/dissertations-theses/observed-stigma-latent-topic-differences-among/docview/2248789705/se-2?accountid=190548>
- Fishman, J. S. (2012). Psychological resilience, perceived stress, and stress reaction. (Publication No. 3545186). [Doctor Dissertation, Walden University]. ProQuest Dissertations Publishing. <https://search.proquest.com/openview/8fa27f661f4047d50109155f43b40b07/1?pqorigsite=gscholar&cbl=18750&diss=y>
- Hayward, H. (2013). Posttraumatic growth and disability: On happiness, positivity, and meaning. (Publication No. 3566913). [Doctor dissertation, Harvard University] ProQuest Dissertations Publishing. https://dash.harvard.edu/bitstream/handle/1/11156671/HAYWARD_gsas.harvard_0084_L_10748.pdf?sequence=3&isAllowed=y
- Lembaris, M. S. (2014). Examining psychology's approach to understanding pro environmental behaviors. (Order No. 3665415) [Doctor Dissertation, Alliant International University]. ProQuest Dissertations Publishing. <https://search.proquest.com/openview/d5e4431615afb1512eab2f853dcd0709/1?pqorigsite=gscholar&cbl=18750&diss=y>
- Huang, A. S. (2016). Functional connectivity of thalamocortical networks in visual working memory (Order No. 10242427). Available from ProQuest Central. (1875558199). Retrieved from <https://search.proquest.com/docview/1875558199?accountid=190548>

B. OPEN ACCESS

➤ FREE E-BOOKS

- Pinel, John P.J. and Barnes, Steven J. (2018). Biopsychology, 10th edition. England: Pearson. <https://www.pdfdrive.com/biopsychology-d188792948.html>
- Hayward, Sheila. (1997). Biopsychology Physiological Psychology. London: McMillan. <https://www.pdfdrive.com/biopsychology-physiological-psychology-d191350307.html>
- Martin, G Neil. (2015). Essential Biological Psychology, 1st ed. London: Routledge. <https://doi.org/10.4324/9780203784525>
- Carlson, Neil R. (2005). Foundations of physiological psychology, 6th edition. Boston: Pearson. <https://www.pdfdrive.com/foundations-of-physiological-psychology-6thedition-d156732976.html>

➤ FREE E-JOURNALS

- Biopsychology. <https://www.longdom.org/peer-reviewed-journals/biopsychology-7638.html>
- Journal of Psychology & Psychotherapy. <https://www.longdom.org/psychology-psychotherapy.html>
- Journal of Psychiatry. <https://www.longdom.org/journal-of-psychiatry.html>
- Journal of Neuroinfectious Diseases. <https://www.omicsonline.org/neuroinfectious-diseases.php>
- Neurological Disorders. <https://www.hilarispublisher.com/neurological-disorders.html>
- Biological Psychology. <https://www.journals.elsevier.com/biological-psychology>
- Europe's Journal of Psychology. <https://ejop.psychopen.eu/index.php/ejop>
- Psychological Thought. <https://psycyct.psychopen.eu/index.php/psycyct>
- Psych Open. <https://www.psychopen.eu/browse-publications/#publication2>
- Advanced Research in Psychology. <https://www.arep.at/articles>

➤ FREE E-THESES

- Janes, J. L. (2019). Successive Relearning Improves Performance on a High-Stakes Exam in a Difficult Biopsychology Course. (Masters Thesis). Kent State University. Retrieved from http://rave.ohiolink.edu/etdc/view?acc_num=kent1555593773001858
- Butler, S. (2020). Understanding the Relationship Between the Biopsychological Development of Adolescent Boys and their Behaviour in the School Context. (Doctoral Dissertation). University of Cambridge. Retrieved from <https://www.repository.cam.ac.uk/handle/1810/307695>
- Doubek, M. A. (. A. (1998). Using the constructivist approach to integrate the biopsychology of emotions, stress, and mental health. (Masters Thesis). Michigan State University. Retrieved from <http://etd.lib.msu.edu/islandora/object/etd:27057>
- DeSanctis, M. (1982). The biopsychology of the weather matrix: an evaluation of psychomotor behavior and mood states as a function of ionization polarity and cognitive-personality dimensions. (Thesis). Texas Tech University. Retrieved from <http://hdl.handle.net/2346/20249>
- Buzick, J. (2019). Understanding the Biopsychological Effects of Trauma on Learning: An Investigation of Interventions to Support Faculty. (Doctoral Dissertation). Seton Hall University. Retrieved from <https://scholarship.shu.edu/dissertations/2719>
- Hurley, Seth W. (2015). The Sensitization of sodium appetite: Plasticity in neural governing body fluid Homeostasis and Motivated Behavior. [Graduate Theses and Dissertations]. IOWA State University Digital Repository. <https://doi.org/10.17077/etd.10le4fwk>
- Johnson, Shane Benjamin. (2019). An Analysis of Prefrontal Cortex Pathways and their Assembly of Stress Coping Responses. [Graduate Theses and Dissertations]. IOWA State University Digital Repository. <https://doi.org/10.17077/etd.zwd5-dua4>
- Proch, Katherine Louise. (2019). Characterizing the Effect of Serotonergic Input on Medullary Phox2b Neurons. [Graduate Theses and Dissertations]. IOWA State University Digital Repository. <https://doi.org/10.17077/etd.r26j-3n79>
- Cole, Rachel Amelia Clark. (2018). Beneficial contribution of health behaviors to learning and related brain mechanisms in older adults. [Graduate Theses and Dissertations]. IOWA State University Digital Library Repository. <https://doi.org/10.17077/etd.mx4a075r>

- Rysted, Jacob Eugene. (2018). Molecular mechanisms and functions of mitochondrial calcium transport in neurons. [Graduate Theses and Dissertations]. IOWA State University Digital Repository. <https://doi.org/10.17077/etd.4ouz-bp06>

C. PROFESSIONAL ORGANIZATIONS

- American Academy of Clinical Neuropsychology. <https://theaacn.org/>
- The American Board of Clinical Neuropsychology (ABCN). <https://theabcn.org/>
- The American Board of Professional Neuropsychology (ABN). https://abn-board.com/?doing_wp_cron=1626919217.4966859817504882812500
- The Asian Neuropsychological Association (ANA). <https://the-ana.org/>
- Association Psychological Science. <https://www.psychologicalscience.org/>
- Wikia Org. <https://psychology.wikia.org/wiki/Category:Biopsychology>
- Association for Psychological Science. <https://www.psychologicalscience.org/tag/biopsychology>
- Cognitive Neuroscience Society. https://psychology.wikia.org/wiki/Cognitive_Neuroscience_Society
- Society for Neuroscience. https://psychology.wikia.org/wiki/Society_for_Neuroscience
- European Brain and Behavior Society. https://psychology.wikia.org/wiki/European_Brain_and_Behaviour_Society

D. OTHER RELATED WEB PORTALS

- Lumen Learning. <https://courses.lumenlearning.com/wmopen-psychology/chapter/outcome-contemporary-fields-in-psychology/>
- BC Campus. <https://opentextbc.ca/introductiontopsychology/chapter/2-1-biological-psychology-structuralism-and-functionalism/>
- New World Encyclopedia. https://www.newworldencyclopedia.org/entry/Biological_psychology
- Oxford Learning Link. https://learninglink.oup.com/access/watson3e-student-resources#tag_chapter-01
- PubMed Gov. <https://pubmed.ncbi.nlm.nih.gov/?myncbishare=uwonline>
- Society for Neuroscience. <https://www.sfn.org/>
- The Whole Brain Atlas. <http://www.med.harvard.edu/AANLIB/home.html>
- Brain Facts and Figures. <http://faculty.washington.edu/chudler/facts.html>
- Bio Psychology News Link. <https://www.biopsychology.com/news/>
- Science Daily. <https://www.sciencedaily.com/>
- Very Well Mind. <https://www.verywellmind.com/what-is-biopsychology-2794883>
- Springer Link. <https://link.springer.com/article/10.1007/s10994-013-5415-y>
- Simply Psychology. <https://www.simplypsychology.org/>
- Psych Central. <https://psychcentral.com/quizzes/>
- Psych Web. <https://www.psywww.com/>
- Positivepsychology.com. <https://positivepsychology.com/big-five-personality-theory/>

E. RELATED RESEARCH GUIDES

- University of Washington Library Research Guides. https://guides.lib.uw.edu/research?b=s&group_id=5469
- Harvard Library Research Guides. <https://guides.library.harvard.edu/?b=s>

- UCLA Library Research Guides. <https://guides.library.ucla.edu/?b=s>
- Syracuse University Libraries Research Guides. <https://researchguides.library.syr.edu/?b=s>
- Yale University Library Research Guides. <https://guides.library.yale.edu/?b=s>

IV. TUTORIALS

- Introductory Biological Psychology Tutorials. <https://psych.athabascau.ca/html/Psych289/Biotutorials/>
- Introduction to Biopsychology. https://www.youtube.com/watch?v=1s_5T5VgV_U
- The Biopsychology of Consciousness. <https://www.youtube.com/watch?v=CokrncnNaLE>
- Research Methods of Biopsychology. <https://www.youtube.com/watch?v=la-yAfS0kOU>
- What is Biopsychology? - Definition & Basics. <https://study.com/academy/lesson/what-is-biopsychology-definition-basics.html>
- Crash Course-Biopsychology. <https://ivylearn.ivytech.edu/courses/740586/pages/crash-course-biopsychology>
- Biopsychology methods, histology and imaging. <https://www.youtube.com/watch?v=ZN9YWCY8M08>
- The Biopsychology of Sleeping and Dreaming. <https://www.youtube.com/watch?v=qJ5vHvSySdA>
- Introduction to Neurons and Brain Anatomy | Biological Psychology 2.1. <https://www.youtube.com/watch?v=yHkRgdudeLE>
- Biological Psychology Chapter 1 Lecture. <https://www.youtube.com/watch?v=2NSjg4gtuwl>
- TED Ideas worth Spreading. (Video). <https://www.ted.com/topics/psychology>
- Psych. <https://psych.athabascau.ca/html/Psych289/Biotutorials/>
- Lumen Learning. <https://courses.lumenlearning.com/wsu-sandbox/chapter/resourcespecialization-of-the-brain/>

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