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Biological Psychology Chapter 1 Lecture - Biological Psychology Chapter 1 Lecture by Prof. Vallejo
10,357 views 6 years ago 22 minutes - Professor Vallejo's lecture on **biological psychology**, using chapter 1 of Behavioral Neuroscience, 8th **edition**, by S. Marc **Breedlove**, ...

Intro

WHAT IS BIOLOGICAL PSYCHOLOGY?

FIGURE 1.1 YOUR BRAIN BY THE NUMBERS

WHO STUDIES BIOLOGICAL PSYCHOLOGY?

FIVE VIEWPOINTS EXPLORE BIOLOGY OF BX

DESCRIBING THE BEHAVIOR

STUDYING THE EVOLUTION OF BEHAVIOR

STUDYING THE BIOLOGICAL MECHANISMS OF BEHAVIOR

STUDYING APPLICATION OF BIOLOGICAL PSYCHOLOGY

TABLE 1.1 FIVE RESEARCH PERSPECTIVES APPLIED TO THREE KINDS OF BEHAVIOR

THREE APPROACHES RELATE TO BRAIN & BX

FIGURE 1.3 SOMATIC INTERVENTIONS

FIGURE 1.3 BEHAVIORAL INTERVENTION

FIGURE 1.3 CORRELATION

FIG. 1.3D THREE APPROACHES SUMMARY

NEUROPLASTICITY: BX CAN CHANGE THE BRAIN

FIGURE 14 THE ROLE OF PLAY IN BRAIN DEVELOPMENT

FIGURE 1.5 PICTURES OF PAIN

FIGURE 16 LEVELS OF ANALYSIS IN BIOLOGICAL PSYCHOLOGY

Biological Psychology Chapter 2 Lecture - Biological Psychology Chapter 2 Lecture by Prof. Vallejo
8,810 views 6 years ago 32 minutes - Professor Vallejo's lecture on **biological psychology**, using

chapter 2 of Behavioral Neuroscience, 8th **edition**, by S. Marc **Breedlove**, ...

Intro

THE NERVOUS SYSTEM IS COMPOSED OF CELLS

THE NEURON IS A CELL!

4 STRUCTURAL DIVISIONS

STRUCTURES OF THE DIVISIONS

FIGURE 2.2 THE MAJOR PARTS OF THE NEURON

VISUALIZING STRUCTURE OF THE BRAIN

FUNCTION OF TYPES OF NEURONS

FIG. 2.6 SYNAPSES (CONT.)

THE AXON

GLIAL CELLS DISEASES

NERVOUS SYSTEM DIVISIONS

FIG. 2.8: CNS & PNS

CRANIAL & SPINAL NERVES

FIG. 2.11: THE AUTONOMIC NERVOUS SYSTEM

CENTRAL NERVOUS SYSTEM

CEREBRAL CORTEX

BASAL GANGLIA & LIMBIC SYSTEM

FIG. 2.16: BASAL GANGLIA

FIG. 2.16 (CONT.): LIMBIC SYSTEM

THALAMUS & HYPOTHALAMUS

MIDBRAIN

PROTECTING THE BRAIN

THE FOUR VENTRICLES OF THE BRAIN

Biological Psychology Chapter 3 Lecture - Biological Psychology Chapter 3 Lecture by Prof. Vallejo
5,190 views 6 years ago 32 minutes - Professor Vallejo's lecture on **biological psychology**, using
chapter 3 of Behavioral Neuroscience, 8th **edition**, by S. Marc **Breedlove**, ...

Intro

Neurophysiology

Electrochemical Forces

Electrostatic Forces

The Action Potential

Refractory Periods

APs along the Axon

Summation

Stopping Synaptic Transmission

Types of Synapses

Introduction to Psychology: 2.1 - The Brain and Behavior - Nervous System and Neurons - Intro-

duction to Psychology: 2.1 - The Brain and Behavior - Nervous System and Neurons by Dr. Kristin

Atchison 85,413 views 4 years ago 19 minutes

Nervous System: Pathways

Nervous System: Divisions

Cells in the Nervous System

Structure of a neuron

Communication within the neuron

Communication between neurons

Synapses and Neurotransmitters

Myelin

The Unsettling Truth about Human Consciousness | The Split Brain experiment that broke neuro-
science - The Unsettling Truth about Human Consciousness | The Split Brain experiment that broke
neuroscience by Scott Carney 2,543,911 views 1 year ago 14 minutes, 17 seconds - In the 1939
neuroscientists began cutting living human brains in two in order to treat certain types of epileptic
seizures.

6 unethical Psychological tricks that should be illegal //Robert Cialdini - PRE - suasion - 6 unethical
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The Psychological Tools of CIA Operatives with Andrew Bustamante (WiM328) - The Psychological

Tools of CIA Operatives with Andrew Bustamante (WiM328) by Robert Breedlove 139,874 views 8 months ago 2 hours, 53 minutes - Andrew Bustamante joins me to discuss his life in the CIA, the current geopolitical issues, conspiracy theories, and how to become ...

What's Psychology? The Full Course - What's Psychology? The Full Course by Fiction Beast 384,646 views 4 months ago 5 hours, 14 minutes - #fictionbeast #philosophy #**psychology**,.

Intro

Course Outline

Why Psychology

Humorism

Socrates

Hindu Psychology

Islamic Psychology

Renaissance Europe

Early Pioneers

History of Psychology

Philosophy vs Psychology

What is Psychology

Behaviorism

Cognitive Psychology

Consciousness

Gestal Psychology

Purpose of Psychology

Consciousness Structure vs Function

What is Consciousness

How To Read Anyone Instantly - 18 Psychological Tips - How To Read Anyone Instantly - 18 Psychological Tips by BRAINY DOSE 10,091,439 views 5 years ago 12 minutes, 6 seconds - If you want to know how to read anyone instantly, use these **psychological**, tips! Upon meeting someone for the first time, it can be ...

Intro

Eye Contact

Eyebrows

Smile

What They Say

Paralanguage

Sideglance

Frequent nodding

Chin and jaw

Posture

Rubbing Hands

Handshake

Leaning in or away

Holding the baby

Crossed arms legs

Shoes

Overall Appearance

Copying Body Language

The Evolutionary Psychology Of Love - Robin Dunbar | Modern Wisdom Podcast 520 - The Evolutionary Psychology Of Love - Robin Dunbar | Modern Wisdom Podcast 520 by Chris Williamson 58,901 views 1 year ago 1 hour, 36 minutes - Robin Dunbar is an anthropologist, evolutionary **psychologist**, head of the Social and Evolutionary Neuroscience Research Group ...

Intro

Defining Love

Were Humans Always Monogamous?

Telling Dating Preferences by Finger Length

How Love is Adaptive

Love in Arranged Marriages

Female Primates During Maternity

The Show-off Hypothesis

What is Commitment?

The Use of Human Kissing

Optimal Rubbing Speed

Why We Love People After They Die

Men's Vasopressin Reactors

Where to Find Robin

The Nature of Energy with Michael Saylor (WiM314) - The Nature of Energy with Michael Saylor (WiM314) by Robert Breedlove 94,572 views 9 months ago 2 hours, 38 minutes - Michael Saylor joins me to discuss the nature of energy, the history of human power projection, the source of anxiety in today's ...

Split Brain Research: A Cautionary Tale of Sloppy Science - Split Brain Research: A Cautionary Tale of Sloppy Science by The Art of Deduction 36,680 views 8 months ago 1 hour, 49 minutes - A response to CGP Grey's video You are Two, as well as a larger exploration of the literature on split brain patients. Grey's Video: ...

Introduction

Patreon Ad Break

A Brief History

Do You Have Two Brains?

The Research: Then vs Now

Language Lateralization: How does it work?

The Self and Consciousness

Operationalizing the Self

You Are Not Two

Conclusion

Credits

Lec 1 | MIT 9.00SC Introduction to Psychology, Spring 2011 - Lec 1 | MIT 9.00SC Introduction to Psychology, Spring 2011 by MIT OpenCourseWare 2,798,656 views 11 years ago 49 minutes - Lecture 1: Introduction Instructor: John Gabrieli View the complete course: <http://ocw.mit.edu/9-00SCS11>

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Introduction

The Brain

Mental Map

Further North

Further West

Telephone

Exercise

Automaticity

Thought

Future

Positive Things

Racism

Experiment

Human Nature

How to learn major parts of the brain quickly - How to learn major parts of the brain quickly by Doctor Ali Mattu 1,053,739 views 7 years ago 5 minutes, 2 seconds - Learn how the brain works in 5 minutes using only your hands. Support me on Patreon: <http://www.patreon.com/thepsychshow> ...

Intro

Hands

White matter

Hands and wrists

Frontal lobe

occipital lobe

Whom You Love - Whom You Love by Oxford Academic (Oxford University Press) 1,782 views 10 years ago 1 hour, 8 minutes - Marc **Breedlove**., PhD (Yale University) speaks on the topic of Whom You Love: The **Biology**, of Sexual Orientation. About the ...

Whom You Love: The Biology of Sexual Orientation

How do sex differences in behavior arise?

Organizational Hypothesis

How does sexual dimorphism in the nervous system develop?

Two hypotheses about development of human sex differences in behavior

Do prenatal androgens like testosterone affect human sexual orientation? Threshold value

Two hypotheses about development of human sexual orientation

The man who was a girl

Congenital adrenal hyperplasia (CAH)

Plenty of room for socialization to mediate effects of CAH on orientation

Simon LeVay 1991

Clicks in your ears Otoacoustic emissions

How big is the difference?

Digit ratios in fetal humans

Fingers as Markers of Prenatal Testosterone

Replications of 2D:4D Differences Between Heterosexual & Homosexual Women

Digit ratio data for lesbians fit other findings

What about sexual orientation in men? • Does prenatal androgen make any difference in men?

Androgen has a permissive effect

Steroid hormones affect gene expression

Effect sizes of cognitive sex differences in humans

Sex differences in sexual attitudes

What is the source of variance between gay and straight men? Digit growth

What are these downstream genes mediating masculinization of sexual orientation and cognitive differences?

Fraternal Birth Order Effect

Biological Psychology Chapter 4 Lecture - Biological Psychology Chapter 4 Lecture by Prof. Vallejo

2,823 views 6 years ago 23 minutes - Professor Vallejo's lecture on **biological psychology**, using chapter 4 of Behavioral Neuroscience, 8th **edition**, by S. Marc **Breedlove**, ...

Intro

THE CHEMISTRY OF BX

MAIN NEUROTRANSMITTERS

ACETYLCHOLINE

DOPAMINE

NOREPINEPHRINE

SEROTONIN

GLUTAMATE & GABA

ENDORPHINS

ANTIPSYCHOTICS

ANTIDEPRESSANTS

ANXIOLYTICS

ALCOHOL

OPIATES

CANNABINOIDS

STIMULANTS

DRUGS

Introduction to Biopsychology - Introduction to Biopsychology by Professor Dave Explains 139,965 views 4 years ago 6 minutes, 30 seconds - Let's learn all about the human brain! It's the most complex and fascinating object in the known universe. It's the source of our ...

learning memory

biopsychology

PROFESSOR DAVE EXPLAINS

Biopsychology: Nervous System Explained - Biopsychology: Nervous System Explained by tutor2u 143,379 views 7 years ago 5 minutes, 57 seconds - This A Level **Psychology**, topic video outlines the essentials of the nervous system Core Topics Revision Flashcards for AQA A ...

Intro

The nervous system

The central nervous system

The somatic nervous system

The autonomic nervous system

The sympathetic nervous system

The parasympathetic nervous system

The specification

What is Biological Psychology? #Alevel #Revision (Themes in Psychology Explained) - What is

Biological Psychology? #Alevel #Revision (Themes in Psychology Explained) by StartStudying 29,047 views 3 years ago 4 minutes, 2 seconds - 00:00 What is **Biological Psychology**,? 01:44 Strengths of **Biological Psychology**, 02:30 Weaknesses of **Biological Psychology**, ...

What is Biological Psychology?
Strengths of Biological Psychology
Weaknesses of Biological Psychology
Localisation of Function in the Brain - Biological Psychology [AQA ALevel] - Localisation of Function in the Brain - Biological Psychology [AQA ALevel] by Psych Boost 94,610 views 4 years ago 9 minutes, 22 seconds - If you want to improve your **psychological**, knowledge in a way that is more fun than just studying and trying to memorise, ...
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Localization of Function
Visual Cortex
Damage to the Visual Cortex
The Motor and Somatosensory Cortex
Motor Cortex
Somatosensory Cortex
Auditory Cortex
Evaluation of Localization of Function
Bonus Fact about Hemispheric Lateralization
Split Brain Research - Biological Psychology - Biological Psychology [AQA ALevel] - Split Brain Research - Biological Psychology - Biological Psychology [AQA ALevel] by Psych Boost 141,810 views 4 years ago 6 minutes, 26 seconds - If you want to improve your **psychological**, knowledge in a way that is more fun than just studying and trying to memorise, ...
Split Brain Research
Evaluations
Bonus Fact about Split Brain
The Endocrine System - Biological Psychology - Biological Psychology [AQA ALevel] - The Endocrine System - Biological Psychology - Biological Psychology [AQA ALevel] by Psych Boost 49,525 views 4 years ago 4 minutes, 37 seconds - If you want to improve your **psychological**, knowledge in a way that is more fun than just studying and trying to memorise, ...
Intro
Endocrine System
Major Glands
Bonus Fact
Intro to Psychology: Crash Course Psychology #1 - Intro to Psychology: Crash Course Psychology #1 by CrashCourse 14,664,935 views 10 years ago 10 minutes, 54 seconds - What does **Psychology**, mean? Where does it come from? Hank gives you a 10-minute intro to one of the more tricky sciences and ...
Introduction: What is Psychology?
Early Thinkers in Psychology
Big Questions in Psychology
Sigmund Freud
Disciplines of Psychology
Structuralism
Functionalism
Psychoanalysis
Freud's Death & Legacy
Behaviorism
Psychodynamic Theories
Other Disciplines in Psychology
Credits
Synaptic Transmission - Biological Psychology [AQA ALevel] - Synaptic Transmission - Biological Psychology [AQA ALevel] by Psych Boost 110,561 views 5 years ago 7 minutes, 25 seconds - If you want to improve your **psychological**, knowledge in a way that is more fun than just studying and trying to memorise, ...
The Synapse
Action Potential
Process of Synaptic Transmission

Summation
Neurotransmitters
Reuptake
Ssr is

Ways of Studying the Brain - Biological Psychology [AQA ALevel] - Ways of Studying the Brain - Biological Psychology [AQA ALevel] by Psych Boost 63,959 views 4 years ago 10 minutes, 53 seconds - If you want to improve your **psychological**, knowledge in a way that is more fun than just studying and trying to memorise, ...

Intro
Postmortem
FMRI
EEG
ERP

Combining Techniques

Breedlove Guitars: Focus Special Edition - Breedlove Guitars: Focus Special Edition by Breedlove Guitars 7,223 views 11 years ago 1 minute, 25 seconds - East Indian Rosewood is the choice wood used for the back and sides of this captivating guitar. The top has been made with hand ...

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sex and gender distinction) between biological sex and gender began to develop in the academic areas of psychology, sexology, and feminism. Before the... 144 KB (16,398 words) - 00:25, 27 February 2024 August 2013. Retrieved 10 August 2013. Bailey JM, Vasey PL, Diamond LM, Breedlove SM, Vilain E, Epprecht M (September 2016). "Sexual Orientation, Controversy... 261 KB (24,841 words) - 04:31, 10 March 2024

Retrieved 2013-10-11. Bailey, J. Michael; Vasey, Paul; Diamond, Lisa; Breedlove, S. Marc; Vilain, Eric; Epprecht, Marc (2016). "Sexual Orientation, Controversy... 44 KB (4,635 words) - 10:37, 29 January 2024

"Evolved Standards of Physical Beauty". *Evolutionary Psychology: The New Science of the Mind* (6th ed.). Routledge. pp. 283–288. ISBN 978-0429590061. "placental... 102 KB (10,702 words) - 21:22, 4 March 2024

to lower blood pressure and heart rate in premenopausal women." *Biological Psychology*, April 2005; vol 69: pp 5–21. Charnetski CJ, Brennan FX. Sexual... 149 KB (15,930 words) - 15:19, 30 January 2024

participating institution membership required.) Breedlove, Watson, & Rosenzweig. *Biological Psychology*, 6th Edition, 2010, pp. 45-46 Sinnatamby, Chummy S. (2011)... 17 KB (1,995 words) - 06:13, 17 November 2023

view sexual orientation as a 'choice.' Bailey JM, Vasey P, Diamond L, Breedlove SM, Vilain E, Epprecht M (2016). "Sexual Orientation, Controversy, and... 187 KB (21,769 words) - 02:29, 9 March 2024 3390/ijms23115954. ISSN 1422-0067. PMC 9180936. PMID 35682631. Breedlove SM, Watson NV (2013). *Biological psychology : an introduction to behavioral, cognitive, and...* 94 KB (8,335 words) - 06:00, 26 February 2024

Social and Community Psychiatry. Breedlove S.M., Rosenzweig M.R., and Watson N.V., (2010) *Biological Psychology* (6th Edition): ISBN 0878933247 de Jong H.... 21 KB (3,287 words) - 07:01, 27 December 2023