AMERICAN PSYCHOLOGICAL ASSOCIATION

Thesaurus of Psychological Index Terms®
2023 Summer Update

New with the 2023 Summer Thesaurus Update:

- 76 New Postable Terms
- 55 New Nonpostable or Cross-Referenced Terms
- 76 Revised Scope Notes

The 2023 Summer Thesaurus Update presents 76 new postable terms and 55 new nonpostable or cross-referenced terms for more precise search and enhanced information discovery within the rapidly advancing fields of artificial intelligence, machine learning, neural networks, computer science, and digital technology. Additionally, the update provides new terminology covering current psychotherapies, treatments, ethics, and research integrity, along with 76 revised scope notes and numerous revised term hierarchies and relationships.

Examples of New Terms:

- **Artificial Intelligence** – Chatbots, Emotion Detection (Artificial Intelligence), Facial Recognition (Artificial Intelligence), Intelligent Personal Agents
- **Machine Learning** –Classification (Machine Learning), Clustering (Machine Learning), Generative Artificial Intelligence, Regression (Machine Learning), Supervised Learning
- **Neural Networks** – Convolutional Neural Networks, Generative Adversarial Networks, Large Language Models, Optimization Algorithms, Spiking Neural Networks
- **Computer Science and Digital Technology** – Computer Linguistics, Computer Security, Computer Systems, Computer Vision, Digital Piracy, Podcasts, Sensor Technology
- **Psychotherapy and Treatment** – Cognitive Analytic Therapy, Mindfulness-Based Stress Reduction, Positive Psychology Therapy, Trauma-Focused Cognitive Behavior Therapy
- **Ethics** – Algorithmic Bias, Artificial Intelligence Ethics, Ethical Decision Making, Moral Emotions, Neuroethics, Robot Ethics
- **Research Integrity** – Research Bias, Research Inclusivity, Publication Bias

NEW POSTABLE TERMS

Algorithmic Bias
Artificial Intelligence Ethics
Automated Diagnosis
Bayesian Algorithms
Brain Computer Interface
Breathing Techniques
Chatbots
Classification (Machine Learning)
Clustering (Machine Learning)
Cognitive Analytic Therapy
Compassion Focused Therapy
Computer Assisted Surgery
Computer Graphics
Computer Linguistics
Computer Security
Computer Systems
Computer Vision
Confirmation Bias
Conversation Analysis
Convolutional Neural Networks
Cortical Excitability
Decision Tree Algorithms
Dietary Treatment
Digital Audio
Digital Piracy
Emotion Detection (Artificial Intelligence)
Equine Assisted Therapy
Ethical Decision Making
Exercise Therapy
Exposure and Response Prevention Therapy
Facial Recognition (Artificial Intelligence)
Generative Adversarial Networks
Generative Artificial Intelligence
Humanoid Robots
Image Classification
Intelligent Personal Agents
Internet Access
Large Language Models
Machine Translation
Mentalization-Based Interventions
Metacognitive Therapy
Mindfulness Meditation
Mindfulness-Based Cognitive Therapy
Mindfulness-Based Stress Reduction
Moral Emotions
Nature-Based Interventions
Neuroethics
Noninvasive Brain Stimulation
Optimization Algorithms
Oxygen Therapy
Podcasts
Positive Behavior Support
Positive Psychology Therapy
Post-COVID-19 Conditions
Predictive Analysis
Protective Behavioral Strategies
Psychosocial Interventions
Publication Bias
Recommender Systems
Recurrent Neural Networks
Regression (Machine Learning)
Repetitive Transcranial Brain Stimulation
Research Bias
Research Inclusivity
Robot Ethics
Sensor Technology
Social Prescribing
Socially Assistive Robots
Spiking Neural Networks
Spiritually Oriented Therapy
Supervised Learning
Support Vector Machine Algorithms
Theta Burst Stimulation
Thought Patterns
Transcranial Alternating Current Stimulation
Trauma-Focused Cognitive Behavior Therapy

NEW NONPOSTABLE TERMS AND THEIR POSTABLE COUNTERPARTS

Nonpostable Counterpart	Postable Counterpart
Aversive Therapy	Aversion Therapy
Brain Machine Interface	Brain Computer Interface
Cloud-Based Technology	Cloud Computing
Compassionate Mind Training	Compassion Focused Therapy
Computational Linguistics	Computer Linguistics
Computer Architecture	Computer Systems
Computer Generated Speech	Synthetic Speech
Corpus Analysis	Text Analysis
Culturally Responsive Interventions	Culturally Adapted Interventions
Cybersecurity	Computer Security
Deep Breathing	Breathing Techniques
Deep Learning	Deep Neural Networks
Diet Therapy	Dietary Treatment
Ecotherapy	Nature-Based Interventions
Emotion AI	Affective Computing
Evolutionary Algorithms	Optimization Algorithms
Filial Therapy	Play Therapy
Generative AI	Generative Artificial Intelligence
Genetic Algorithms	Optimization Algorithms
Hippotherapy	Equine Assisted Therapy
Horseback Riding Therapy	Equine Assisted Therapy
Hyperbaric Oxygen Therapy	Oxygen Therapy
Long COVID	Post-COVID-19 Conditions
Machine Ethics	Artificial Intelligence Ethics
Machine Vision	Computer Vision
Mentalization-Based Therapy	Mentalization-Based Interventions
Metacognitive Reflection and Insight Therapy	Metacognitive Therapy
Mindfulness-Based Cognitive Behavior Therapy	Mindfulness-Based Cognitive Therapy
Multi-Agent Systems	Intelligent Agents
Multilayer Perceptron	Deep Neural Networks
Naive Bayes Algorithm	Bayesian Algorithms
Neural Interface Technologies	Brain Computer Interface
Online Piracy	Digital Piracy
Particle Swarm Optimization	Optimization Algorithms
Positive Behavior Intervention and Support	Positive Behavior Support
Positive Psychotherapy	Positive Psychology Therapy
Post-Acute Sequelae of SARS-CoV-2	Post-COVID-19 Conditions
Predictive Modeling	Predictive Analysis
Progressive Muscle Relaxation	Progressive Relaxation Therapy
Psychological Feedback	Feedback
Random Forest	Decision Tree Algorithms
Recommendation Systems	Recommender Systems
Research Ethics	Experimental Ethics
Research Integrity	Research Quality
Robotic Surgery	Computer Assisted Surgery
Selection Bias	Biased Sampling
Sensing Technology	Sensor Technology
Shallow Neural Networks	Artificial Neural Networks
Social Prescriptions	Social Prescribing
Speech Recognition (Artificial Intelligence)	Automated Speech Recognition
Speech-to-Text Technology	Automated Speech Recognition
Support Vector Networks	Support Vector Machine Algorithms
Text-to-Speech Technology	Synthetic Speech
Therapeutic Exercise	Exercise Therapy
Transcranial Random Noise Stimulation	Noninvasive Brain Stimulation

TERMS WITH REVISED SCOPE NOTES

Affirmative Action
Animation
Anxiety Management
Artificial Neural Networks
Automated Speech Recognition
Bayesian Analysis
Behavior Modification
Bioinformatics
Biological Neural Networks
Blog
Body Modification
Brain Connectivity
Chemical Brain Stimulation
Cluster Analysis
Cognitive Computing
Cognitive Stimulation Therapy
Cognitive Techniques
Communication Systems
Computational Reinforcement Learning
Computer Assisted Diagnosis
Computer Assisted Language Learning
Computer Games
Computer Searching
Computer Simulation
Computer Software
Computer Usage
Conversational Agents
Conversion Therapy
Cosmetic Techniques
Deep Neural Networks
Disability Evaluation
Discourse Analysis
Division of Labor
Electronic Collaboration
Experimenter Bias
Expert Systems
Extreme Learning Machine
Fuzzy Logic
Galvanic Skin Response
Gender Nonconforming
Human Computer Interaction
Human Services
Image Analysis
Inductive Logic Programming
Information Security
Integrated Services
Intelligent Agents
Intelligent Tutoring Systems
Interpersonal Psychotherapy
Machine Learning
Machine Learning Algorithms
Meditation
Neural Networks
Neuropsychological Rehabilitation
Neurorehabilitation
Oscillatory Network
Pattern Recognition (Computer Science)
Plastic Surgery
Polygamy
Predictability (Measurement)
Principal Component Analysis
Prompting
Psychosocial Outcomes
Recreation Therapy
Response Cost
Screen Time
Sentiment Analysis
Smartphone Use
Solution Focused Therapy
Speech Processing (Mechanical)
Spiritual Care
Strategic Therapy
Synthetic Speech
Systematic Desensitization Therapy
Transcranial Magnetic Stimulation
Unsupervised Learning