

How Trauma Impacts Four Different Types of Memory

EXPLICIT MEMORY

SEMANTIC MEMORY

What it is

The memory of general knowledge and facts.

Example

You remember what a bicycle is.



How Trauma Can Affect It

Trauma can prevent information (like words, images, sounds, etc.) from different parts of the brain from combining to make a semantic memory.

Related Brain Area

The temporal lobe and inferior parietal cortex collect information from different brain areas to create semantic memory.



Temporal lobe

Inferior parietal lobe

EPISODIC MEMORY

What it is

The autobiographical memory of an event or experience – including the who, what, and where.

Example

You remember who was there and what street you were on when you fell off your bicycle in front of a crowd.



How Trauma Can Affect It

Trauma can shutdown episodic memory and fragment the sequence of events.

Related Brain Area

The hippocampus is responsible for creating and recalling episodic memory.



Hippocampus

IMPLICIT MEMORY

EMOTIONAL MEMORY

What it is

The memory of the emotions you felt during an experience.

Example

When a wave of shame or anxiety grabs you the next time you see your bicycle after the big fall.



How Trauma Can Affect It

After trauma, a person may get triggered and experience painful emotions, often without context.

Related Brain Area

The amygdala plays a key role in supporting memory for emotionally charged experiences.



Amygdala

PROCEDURAL MEMORY

What it is

The memory of how to perform a common task without actively thinking.

Example

You can ride a bicycle automatically, without having to stop and recall how it's done.



How Trauma Can Affect It

Trauma can change patterns of procedural memory. For example, a person might tense up and unconsciously alter their posture, which could lead to pain or even numbness.

Related Brain Area

The striatum is associated with producing procedural memory and creating new habits.



Striatum

Trauma And Memory

Wolfgang Guggemos



Trauma And Memory:

Trauma and Memory Peter A. Levine, Ph.D., 2015-10-27 Designed for psychotherapists and their clients Peter Levine's latest best seller continues his groundbreaking exploration of the central role of the body in processing and healing trauma. With foreword by Bessel van der Kolk, author of *The Body Keeps the Score*, In *Trauma and Memory*, bestselling author Dr. Peter Levine, creator of the Somatic Experiencing approach, tackles one of the most difficult and controversial questions of PTSD trauma therapy: Can we trust our memories? While some argue that traumatic memories are unreliable and not useful, others insist that we absolutely must rely on memory to make sense of past experience. Building on his 45 years of successful treatment of trauma and utilizing case studies from his own practice, Dr. Levine suggests that there are elements of truth in both camps. While acknowledging that memory can be trusted, he argues that the only truly useful memories are those that might initially seem to be the least reliable: memories stored in the body and not necessarily accessible by our conscious mind. While much work has been done in the field of trauma studies to address explicit traumatic memories in the brain, such as intrusive thoughts or flashbacks, much less attention has been paid to how the body itself stores implicit memory and how much of what we think of as memory actually comes to us through our often unconsciously accessed felt sense. By learning how to better understand this complex interplay of past and present brain and body, we can adjust our relationship to past trauma and move into a more balanced, relaxed state of being. Written for trauma sufferers as well as mental health care practitioners, *Trauma and Memory* is a groundbreaking look at how memory is constructed and how influential memories are on our present state of being.

Trauma, Memory, and Dissociation J. Douglas Bremner, Charles R. Marmar, 2002-12-01 Written and edited by some of the world's foremost experts in the field, *Trauma, Memory, and Dissociation* provides comprehensive coverage of dissociation and memory alterations in trauma, an area that is being dramatically reshaped by vigorous new research. This one-of-a-kind book, written for researchers and clinicians alike, covers aspects of this subject that have not been thoroughly examined before. It presents empirical data on dissociative symptoms associated with exposure to psychological trauma, including combat, childhood abuse, and other traumas, as well as the important relationships dissociative disorder has with other conditions associated with extreme stress, such as posttraumatic stress disorder. This book also examines areas where questions still linger concerning the psychopathology of trauma-related dissociation, including dissociation as a defense mechanism or a normal personality trait. Because dissociation plays an important role in the recall of traumatic memories, *Trauma, Memory, and Dissociation* investigates the controversial areas of delayed recall of childhood abuse and false memory syndrome. This text also offers clinicians a detailed, step-by-step discussion of approaches to treat the dissociative patient. It reviews the neurobiology of dissociative disorders and illuminates areas where future research may lead to more effective treatments.

Trauma, Memory and Transformation Sharon A. Bong, 2017 Different forms of trauma affect many millions of people. Trauma also helps to shape individual and collective memories. This innovative book

explores how traumatic occurrences and processes are remembered Using examples from well known events like the Khmer Rouge genocide in Cambodia the Indian Ocean tsunami in Aceh and civil conflict in southern Thailand and Aceh as well as the experiences of comfort women in the Philippines ethnic minority students and interreligious tensions in Malaysia the contributors examine how people face survive and make sense of the frictions and violence in their lives Embracing history ethnography textual analysis storytelling and art the multidisciplinary perspective enables a deeper understanding of both traumatic stress and the structures of memory Trauma Memory and Transformation also moves the discussion of traumatic memory away from paralysis and towards transformative action in the ways that memories of catastrophe can be reimagined as forms of resistance or even peace This original book will be essential reading for all those interested in the study of memory in the Southeast Asian context [Trauma, Memory, and Narrative in the Contemporary South African Novel](#) ,2012-01-01 The contributions to this volume probe the complex relationship of trauma memory and narrative By looking at the South African situation through the lens of trauma they make clear how the psychic deformations and injuries left behind by racism and colonialism cannot be mended by material reparation or by simply reversing economic and political power structures Western trauma theories as developed by scholars such as Caruth van der Kolk Herman and others are insufficient for analysing the more complex situation in a postcolony such as South Africa This is because Western trauma concepts focus on the individual traumatized by a single identifiable event that causes PTSD Post Traumatic Stress Disorder What we need is an understanding of trauma that sees it not only as a result of an identifiable event but also as the consequence of an historical condition in the case of South Africa that of colonialism and more specifically of apartheid For most black and coloured South Africans the structural violence of apartheid s laws were the existential condition under which they had to exist The living conditions in the townships pass laws relocation and racial segregation affected great parts of the South African population and were responsible for the collective traumatization of several generations This trauma however is not an unclaimed and unclaimable experience Postcolonial thinkers who have been reflecting on the experience of violence and trauma in a colonial context writing from within a Fanonian tradition have on the contrary believed in the importance of reclaiming the past and of transcending mechanisms of victimization and resentment so typical of traumatized consciousnesses Narration and the novel have a decisive role to play here [Summary of Peter A. Levine's Trauma and Memory](#) Everest Media,2022-05-07T22:59:00Z Please note This is a companion version not the original book Sample Book Insights 1 The role of traumatic memory in both pathology and healing is extremely complex While this book is geared towards therapists who work with their clients traumatic memories it is also written for individuals who want to understand how their memories affect them and how they can come to an enduring peace with them 2 While contemporary psychotherapies can help alleviate certain dysfunctions related to trauma they are unable to reach its primal core They do not sufficiently address the essential body and brain mechanisms that are impacted by trauma 3 Therapists are often

influenced by common misconceptions about the nature of memory Traditionally psychologists have studied what is called verbally accessible memory the kind of memory that is accessible and rewarding in elementary middle and high school settings 4 Memory is not something concrete definitive and reproducible like a video recording that can be retrieved at will It is instead more ephemeral ever shifting in shape and meaning

Places of Traumatic Memory Amy L. Hubbell, Natsuko Akagawa, Sol Rojas-Lizana, Annie Pohlman, 2020-10-31 This volume explores the relationship between place traumatic memory and narrative Drawing on cases from Africa Asia Europe Oceania and North and South America the book provides a uniquely cross cultural and global approach Covering a wide range of cultural and linguistic contexts the volume is divided into three parts memorial spaces sites of trauma and traumatic representations The contributions explore how acknowledgement of past suffering is key to the complex inter relationship between the politics of memory expressions of victimhood and collective memory Contributors take note of differing aspects of memorial culture such as those embedded in war memorials mass grave sites and exhibitions as well as journalistic literary and visual forms of commemorations to investigate how narratives of memory can give meaning and form to places of trauma

Trauma and Memory Michèle Wessa, 2010 In the last decade theories on the development and maintenance of posttraumatic stress disorder PTSD have highlighted the important role of changes in the trauma memory in that traumatic memories seem to be qualitatively different from other nontraumatic memories Deficits in trauma memory have been postulated but not always demonstrated Some recent research suggests that alterations of traumatic memories go along with neurobiological changes and that these changes in patients with PTSD also affect general memory functions In addition empirical research on learning processes in PTSD patients such as cue and context conditioning as well as extinction memory has advanced the theoretical understanding of the development and maintenance of PTSD as well as therapeutic strategies In that regard pharmacological interventions e g cognitive enhancers that influence extinction memory have been suggested to be a fruitful route to explore in PTSD therapy In addition to PTSD other consequences of traumatic experiences such as amnesia and personality disorders have been investigated from both a neurobiological and a psychological perspective This volume links basic neurobiological experimental behavioral and interventional research dealing with traumatic memories or general memory in trauma survivors

Trauma and Memory Valerie Sinason, Ashley Conway, 2021-08-11 Trauma and Memory will assist mental health experts and professionals as well as the interested public in understanding the scientific issues around trauma memory and how this differs from other areas of memory This book provides accounts of the damage caused to psychology and survivors internationally by false memory groups and ideas It is unequivocally passionate about the truth of trauma memory and exposing the damaging disinformation that can seep into the field Contributors to this book include leading professionals from the field of criminology law psychology and psychotherapy in the UK and USA along with survivor professionals who understand only too well the damage such disinformation can cause This book is a valuable resource for mental health

professionals of all disciplines including those involved with relevant law and public health policy It will also help survivors and survivor professionals in gaining insight into the forces resisting disclosure Narrative memory and the impact of trauma on individuals with reference to one short sequence from "Memento" Michael Schmid,2007-01-12 Seminar paper from the year 2004 in the subject American Studies Culture and Applied Geography grade 1 3 Free University of Berlin John F Kennedy Institut Berlin course HS American Cultural Memory Trauma Collective Imagery and the Politics of Remembering language English abstract The text by Bessel Van der Kolk and Onno Van der Hart The Intrusive Past provides an overview of the work and achievement of Jean Martin Charcot s and Pierre Janet s study about how the mind processes memories and the effects of traumatic memories on consciousness With the following text I will present a couple of central aspects of Janet s study and the phenomena of dissociation and the reconstruction of the past through narrative memory and project them onto one short sequence from Memento 2001 to further support my argument The main point of this text is to illustrate how narrative memory reshapes the past in a variety of ways and that the main character in Memento who has lived through a traumatic experience creates and recreates his past through the means of a combination of the already mentioned dissociation and narrative memory Janet considered the memory system as the central organizing apparatus of the mind which categorizes and integrates all aspects of experience and automatically integrates them into ever enlarging and flexible meaning schemes He differentiates between the subconscious automatic integration of familiar and expectable experiences into existing meaning schemes and the difficult integration of frightening and novel experiences which might either totally resist integration or be remembered extremely vivid The subconscious integration of memories occurs because they fit easily into the meaning scheme they do not pose a threat or form a contradiction to the already existing beliefs values and meanings of the world Whereas the automatic integration of new information happens without conscious attention the narrative memory is something very deliberate and conscious Narrative memory is not the act of remembering something that happened in the past but an act of recreating the past of changing the memory Janet explains this phenomena as mental constructs which people use to make sense out of experience This suggests that the individual s existing meaning schemes may be entirely unable to integrate a specific terrifying experience which causes the memory to be stored differently and therefore might not be available for the act of remembering **Memory of Childhood Trauma** Susan L. Reviere,1996-06-01 Balanced systematic and timely this clear and pragmatic guide distills current scientific research on childhood trauma and memory for its relevance to clinical work and the quest for narrative meaning in psychotherapy The book also reviews and integrates psychoanalytic cognitive narrative and neurophysiological theory in order to provide a fair and nuanced account of the literature Controversial issues such as the truth of traumatic memory are addressed as are ethical issues in working with traumatic memory *New Insights in Trauma and Memory* Taylor & Francis Group,2021-12-13 The purpose of this special issue is to highlight studies examining remembering and forgetting in people

who report having experienced traumatic events **M.E.H. V. L.H.**, 1996 Childhood Trauma Remembered International Society for Traumatic Stress Studies, 1997 Memory, Trauma, and History Michael S. Roth, 2011-11-22 Memory trauma and history is composed of essays that fall into five overlapping subject areas history and memory psychoanalysis and trauma postmodernism scholarship and cultural politics photography and representation and liberal education Introduction **MARLENE LEMMERMAN V BENJAMIN FEALK; GALE WILLIFORD V IRWIN BIESKE, 449 MICH 56 (1995)**, 1995 98365 Memory, Trauma and World Politics D. Bell, 2006-10-20 Memory Trauma and World Politics focuses on the effect that the memory of traumatic episodes especially war and genocide has on shaping contemporary political identities Theoretically sophisticated and empirically rich this book is an incisive treatment of the ways in which the study of social memory can inform global politics analysis On Feminist Ethics and Politics Claudia Card, 1999 For years mainstream feminist ethics focused criticism on male supremacy Feminist philosophers in this volume adopt a less male focused stance to look closely at oppression s impact on women s agency and on women s relations with women Examining legal social and physical relationships these philosophers confront moral ambiguity moral compromise and complicity in perpetuating oppression Combining personal experience with philosophical inquiry they vividly portray their daily engagement with oppression as both victims and perpetrators They explore such issues as how pornography silences women and radical feminist politics complicity in racism Among these insightful essays Sandra Bartky argues that women share guilt for racism when they benefit from it without protest Susan Brison reflects on uses of narrative in trauma recovery from such experiences as being targeted for rape or murder Joan Callahan examines fallout of derogatory speech directed at lesbians Virginia Held proposes carrying care into marketplaces and governments and in her introduction Claudia Card draws on Primo Levi s conception of gray zones in exploring dangers of character damage to victims of misogyny A fitting companion to Card s highly regarded Feminist Ethics this volume interweaves observations on character political ethics violence and love into an accessible sourcebook for students It tackles some of feminism s most pressing issues and helps readers to identify and then overcome the real damage caused by oppression The Psychotherapist's Guide To Human Memory Janet L. Jones, 1999-07-02 By a noted cognitive psychologist the first guide to the latest knowledge about human memory specifically geared to the needs of psychotherapists and counselors Trauma and Memory Austin Sarat, Nadav Davidovitch, Michal Alberstein, 2007 The book explores the social construction of different dimensions of trauma in law and medicine Trauma and Self Charles B. Strozier, Michael Flynn, 1996 This remarkable collection of original essays written by prominent scholars recognized for their achievements in a wide range of disciplines defines trauma as a disruption in the fragile process of symbolization or the human capacity to imbue life with meaning by representing the self s immortality The contributors analyze the multiple meanings and deeper significance of trauma whether of shell shocked war veterans or victims of sexual abuse and they discuss its manifestations both subtle and obvious in human behavior and memory

Organized as an honorary volume to Robert Jay Lifton who identified trauma as the core psychological issue of the postmodern world this book demonstrates how trauma and other fundamental breaks in human continuity inform psychiatric historical religious literary political cultural and scientific interpretations of the self

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