The Unexpected Gift of Trauma

The Path to Posttraumatic Growth

DR. EDITH SHIRO

With Linda Sparrowe



Posttraumatic Growth Inventory used with permission of Richard G. Tedeschi and Lawrence Calhoun from *Trauma & Transformation: Growing in the Aftermath of Suffering* (1995); permission conveyed through Copyright Clearance Center, Inc.

Posttraumatic Changes Questionnaire used with permission of Stephen Joseph from *What Doesn't Kill Us: The New Psychology of Posttraumatic Growth* (2011); permission conveyed through Copyright Clearance Center, Inc.

This book contains advice and information relating to health care. It should be used to supplement rather than replace the advice of your doctor or another trained health professional. If you know or suspect you have a health problem, it is recommended that you seek your physician's advice before embarking on any medical program or treatment. All efforts have been made to ensure the accuracy of the information contained in this book as of the date of publication. This publisher and the author disclaim liability for any medical outcomes that may occur as a result of applying the methods suggested in this book. Names and identifying details of some of the people portrayed in this book have been changed.

THE UNEXPECTED GIFT OF TRAUMA. Copyright © 2023 by Edith Shiro. All rights reserved. Printed in the United States of America. No part of this book may be used or reproduced in any manner whatsoever without written permission except in the case of brief quotations embodied in critical articles and reviews. For information, address HarperCollins Publishers, 195 Broadway, New York, NY 10007.

HarperCollins books may be purchased for educational, business, or sales promotional use. For information, please email the Special Markets Department at SPsales@harpercollins.com.

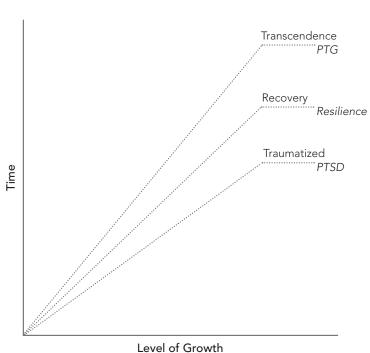
FIRST EDITION

Designed by Chloe Foster

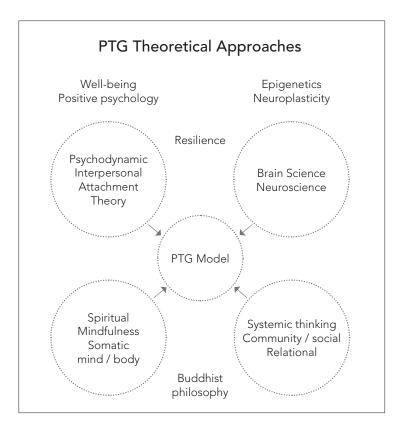
Library of Congress Cataloging-in-Publication Data has been applied for.

ISBN 978-0-358-71366-1

ScoutAutomatedPrintCode



Three Possible Outcomes



Symptoms	of	PTSD
----------	----	------

INTRUSION	PHYSICAL	REACTIVITY	COGNITIVE	BEHAVIORAL
Invasive thoughts	Fatigue	Irritability	Difficulty focusing	Avoidance of triggering
Nightmares	Insomnia	Angry outbursts	Difficulty	people, places,
Flashbacks	Headaches	Reckless or	making	or situations
	Loss of appetite	self-destructive	decisions	Social withdrawal and
Repeated, involuntary	Hyperactivity	behavior	Difficulty remembering	isolation
memories	Muscle tension	Hypervigilance	important aspects of	Substance abuse
Distressing dreams	Racing heart	Concentration difficulties	trauma event	Self-destructive
	Sleep disturbances	Sleep	Confusion	behavior
		Dissociation	Agitation,	
	Negative thoughts and feelings	irritability, or hostility		
			Distorted beliefs about oneself and others	

Trauma Responses				
FIGHT	Aggresive, angry outburst, irritable, controlling, demanding, impulsive decision making, "acts tough," "bully," critical			
FLIGHT	Avoids conflict, distracted, always on the go, staying busy, overworking, perfectionist, overachiever			
FREEZE	Cautious, stuckness, difficulty making decisions, isolation, lack of motivation, numbed, shut down, immobilization, collapse, scared stiff, feeling dead inside			
FAWN	People pleaser, hard time saying no, lack of boundaries, defers to others, avoids conflict, prioritzes others' needs, overwhelmed, loss of self, codependent, obsessed with fitting in			

THE FIVE STAGES OF POSTTRAUMATIC GROWTH

- 1. The Stage of Awareness: Radical Acceptance
- 2. The Stage of Awakening: Safety and Protection
- 3. The Stage of Becoming: A New Narrative
- 4. The Stage of Being: Integration
- 5. The Stage of Transforming: Wisdom and Growth

Resilience vs. PTG

Resilience

- BOUNCING BACK
- Can be a personality trait
- Does not require profound changes
- Does not necessarily require having experienced trauma
- Doesn't mean beliefs are shaken to the core
- Doesn't require a person to seek a new belief system, a new paradigm
- Doesn't necessarily ensure growth will happen
- Assumes an ability to cope with life after adversity

Posttraumatic Growth

- BOUNCING FORWARD
- Develops as a consequence of trauma
- Can redefine the personality of an individual
- Requires being exposed to intense stress at some point
- Shakes beliefs to the core and shifts priorities
- Requires a paradigm shift
- Results in positive psychological development in the face of hardship or adversity
- Allows for new behaviors and attitudes that were not present before
- May not occur without some level of discomfort, but distress diminishes over time

PTG: from Trauma to Growth

FROM

ТО

Guilt Self-compassion Shame Vulnerability and acceptance Loss Gain Suffering Having both joy and pain A FIXED, closed mindset A GROWTH, open mindset Rigid Flexible One way of looking at the trauma Multiple points of view and perspectives Criticizing the SELF and others Radical acceptance of SELF and others: SELF-LOVE Dismissing and denying Validating and SELF-SOOTHING Reacting Acting and making conscious decisions Repeating Repairing Repeating cycles; repeating Repair; creating new behaviors, new beliefs, new paradigms compulsively; repeating maladaptive coping mechanisms Carrying and repeating past Becoming a transitional trauma, ancestral, generational character; break the cycle of traumas trauma; stop the cycle

Create new stories, new identities, new pathways

Break free from trauma reactions, have more freedom in the response, based on true meaningful values

Vocabulary of Emotions

Now that you are beginning to identify and name your emotions, here's a list that can help you expand your vocabulary.

٦

Exhausted	Confused	Ecstatic	Guilty
Angry	Satisfied	Frustrated	Sad
Embarrassed	Нарру	Mischievous	Disgusted
Enraged	Ashamed	Cautious	Calm
Overwhelmed	Hopeful	Lonely	Loving
Bored	Surprised	Anxious	Shocked
Thrilled	Joyful	Excited	Cheerful
Grateful	Balanced	Rejected	Uncomfortable
Worried	Broken	Nervous	Concerned
Worthless	Paralyzed	Powerless	Disappointed
Suspicious	Confident	Afraid	Depressed
Jealous	Shy	Despair	Melancholic
Troubled	Uptight	Hurt	Inspired

Therapy Modalities

Here is a list—by no means exhaustive or complete—of different treatments, therapies, and practices that could be helpful in treating trauma. Regardless of the modality you choose, one condition should be in place: you should feel safe and protected and have a sense of trust in the person who is offering the help in order to do this work. Listen to your body, and pay attention to any alarms or triggers that arise when you are seeking help.

Functional life coaching

Internal Family Systems (IFS)

Sensorimotor psychotherapy

Accelerated Resolution Therapy

Somatic Experiencing

Emotionally focused therapy

Neurofeedback

Emotional freedom technique

Psychedelic-assisted psychotherapy

Eye movement desensitization and reprocessing (EMDR)

Play therapy

Reality therapy

Trauma-informed yoga

Trauma-informed meditation

Rapid Resolution Therapy (RRT)

ACT therapy

Accelerated Experiential Dynamic Psychotherapy (AEDP)

Cognitive Behavioral Therapy (CBT)

Dialectic Behavioral Therapy (DBT)

Hypnotherapy

PSYCH-K

Acupuncture

Vagus nerve technique

Mindfulness-Based Stress Reduction (MBSR)

Energy healing therapy

Group therapy

Prolonged exposure therapy

Narrative exposure therapy

Words to Remember

Here is a list of words and phrases you can refer to as you step onto the path of Becoming. As you read each word, consider how you can apply it to your relationship to yourself, to others, and to the world.

BEGIN IN A WORLD OF

TRANSFORM TO A WORLD MAKES SENSE

THAT MAKES SENS	
Self-resilience	
Self-regulation	
Self-coherence	
Self-care	
Self-confidence	
Self-love	
Self-trust	
Self-renewal	
Self-reliance	
Self-reflection	
New beginning	
New belief systems	
New identity	
New relationships	
New relationships	

Posttraumatic Growth Inventory

Richard Tedeschi and Lawrence Calhoun developed the Posttraumatic Growth Inventory (PTGI) to assess the posttraumatic growth and self-improvement a person undergoes. A twenty-one-item scale built on the five-factor model of Tedeschi, this inventory is one of the most valid and reliable resources for evaluating personal growth following a stressful encounter.

The statements included in the inventory are related to the following five factors:

Factor I—Relating to Others Factor II—New Possibilities Factor III—Personal Strength Factor IV—Spiritual Enhancement Factor V—Appreciation

Each of the twenty-one items falls under one of the five factors and is scored accordingly. A summation of the scores indicates the level of posttraumatic growth.

The advantage of this scale is that the categorization of scores according to the five factors is suggestive of which area of self-development is predominant and which area might be a little behind. For example, a high total score implies that the person has undergone a positive transformation. But a closer look at the scores of each section would provide a more in-depth insight into what has changed significantly and what aspects of the self may still need some improvement.

The PTGI was initially developed to measure favorable outcomes following a stressful life event. But with time, it became popular as a test that provides direction to the participants about their future actions and suggests a scope for self-improvement.

Where Can I Find the Scale?

As mentioned earlier, the PTGI consists of twenty-one statements, each coming under one of the five categories mentioned by Tedeschi and Calhoun in their initial proposition.

Participants indicate their scores on a six-point scale where:

- 0 implies—I did not experience this as a result of my crisis.
- 1 implies—I experienced this change to a very small degree as a result of my crisis.
- 2 implies—I experienced this change to a small degree as a result of my crisis.
- 3 implies—I experienced this change to a moderate degree as a result of my crisis.
- 4 implies—I experienced this change to a great degree as a result of my crisis.
- 5 implies—I experienced this change to a very great degree as a result of my crisis.

Here is an overview of the test items along with the categorization of the five factors.

Factor	Item Numbers
1—Relating to Others	6, 8, 9, 15, 16, 20, 21
2—New Possibilities	3, 7, 11, 14, 17, 18
3—Personal Strength	4, 10, 12, 19
4—Spiritual Enhancement	5
5—Appreciation	1, 2, 13

The Posttraumatic Growth Inventory

PTGI is widely available online. Below is an illustration of the form:

SCORING

0 1 2 3 4 5

- 1. I changed my priorities about what is important in life.
- 2. I have a greater appreciation for the value of my own life.
- 3. I have developed new interests.
- 4. I have a greater feeling of self-reliance.
- 5. I have a better understanding of spiritual matters.

- 6. I more clearly see that I can count on people in times of trouble.
- 7. I established a new path for my life.
- 8. I have a greater sense of closeness with others.
- 9. I am more willing to express my emotions.
- 10. I know that I can handle difficulties.
- 11. I can do better things with my life.
- 12. I am better able to accept the way things work out.
- 13. I can better appreciate each day.
- 14. New opportunities are available that wouldn't have been otherwise.
- 15. I have more compassion for others.
- 16. I put more effort into my relationships.
- 17. I am more likely to try to change things that need changing.
- 18. I have stronger religious faith.
- 19. I discovered that I'm stronger than I thought I was.
- 20. I learned a great deal about how wonderful people are.
- 21. I better accept needing others.

Psychological Well-Being Posttraumatic Changes Questionnaire

By Stephen Joseph, PhD

Think about how you feel about yourself at the present time. Please read each of the following statements and rate how you have changed as a result of the trauma.

- 5 = Much more so now
- 4 = A bit more so now
- 3 = I feel the same about this as before
- 2 = A bit less so now
- 1 = Much less so now
- 1. I like myself.
- 2. I have confidence in my opinions.
- 3. I have a sense of purpose in life.
- 4. I have strong and close relationships in my life.
- 5. I feel I am in control of my life.
- 6. I am open to new experiences that challenge me.
- 7. I accept who I am, with both my strengths and limitations.
- 8. I don't worry what other people think of me.
- 9. My life has meaning.
- 10. I am a compassionate and giving person.

- 11. I handle my responsibilities in life well.
- 12. I am always seeking to learn about myself.
- 13. I respect myself.
- 14. I know what is important to me and will stand my ground, even if others disagree.
- 15. I feel that my life is worthwhile and that I play a valuable role in things.
- 16. I am grateful to have people in my life who care for me.
- 17. I am able to cope with what life throws at me.
- 18. I am hopeful about my future and look forward to new possibilities.

Add up your scores to all eighteen statements. Scores over 54 indicate the presence of positive change. The maximum score is 90. The higher your score, the more positive change you have experienced. You may have changed more in some areas than others: self-acceptance (statements 1,7, and 13), autonomy (statements 2, 8, and 14), purpose in life (statements 3, 9, and 15), relationships (statements 4, 10, and 16), sense of mastery (statements 5, 11, and 17), and personal growth (statements 6, 12, and 18).

Copyright © Stephen Joseph et al., "The Psychological Well-Being Post-Traumatic Changes Questionnaire (PWB-PTCQ): Reliability and Validity," *Psychological Trauma: Theory, Research, Practice, and Policy* 4, no. 4 (2012): 420–28, https://doi.org/10.1037/a0024740.

Acknowledgments

Like everything else in life, writing a book is a relational and collaborative project. It requires the collective intention and vision of a group of committed people. I am infinitely grateful to have had people like that along this journey with me.

I want to thank my agent, Jackie Ashton, who believed in me from the start. Jackie, I so appreciate your quiet, behindthe-scenes way of making everything happen with sensitivity and efficiency. I could not have asked for a kinder, more insightful editor than Sarah Pelz at HarperCollins. Thank you, Sarah, for all the ways you encouraged me to dig deeper and for all the insightful, spot-on edits you made. The whole team at HarperCollins has been amazing. Thank you, Emma Peters, for orchestrating the production tasks and keeping us all on track.

Thank you to my dear Linda Sparrowe, whose keen eye and exquisite sensitivity helped make this book come alive. I'm grateful for our collaboration and how you were able to patiently and lovingly guide me to find the right words to convey my message. You have been a true companion on this journey and a real friend.

The idea for this book started more than twenty years ago when I wrote my doctoral dissertation on posttraumatic growth. It took the Universe to align, the kids to grow up, and my practice to build before the book could begin to take shape. In those early days, I was fortunate to learn from and be mentored by some unforgettable teachers. Thank you to Carl Auerbach, whose guidance and belief in me as a young graduate student helped me believe in myself. I'm so grateful that your wisdom, patience, and support have continued unabated over the past twenty-five years. Thank you to Alvin Atkins at Montefiore and social worker Joyce Wong for introducing me to the Cambodian refugee community in the Bronx, a thriving example of posttraumatic growth. And thank you to the Cambodian people for trusting and sharing so openly with me. You taught me so much. Thank you, Kenneth Hardy, for being an amazing mentor. Your courage and unwavering dedication to breaking the cycle of trauma has inspired my own work.

I'm grateful for all the opportunities I have had to work with and learn from Jack Saul. Our time together at the Bellevue Program for Survivors of Torture and the ITSP in New York City was instrumental in both my understanding of trauma and my research into posttraumatic growth. Your insightful, unpretentious advice has continued to be valuable in so many ways. Thank you for your generosity, your willingness to listen, and your decades of friendship.

To Esther Perel, thank you for your friendship and inspiration over the years. I am grateful for the opportunity you gave me to speak to your community and expand on my understanding of collective trauma and collective healing. Many thanks to Laura Maciuika for showing me what it means to be an authentic mentor and introducing me to the foundations of trauma work; to Deborah Munczek, my cherished colleague and friend, for so many great conversations and for sharing your experiences with me; to Carolina Arbelaez, my dear sister, colleague, and writing companion since the beginning of time—the way you weave your wisdom into poetic expression never ceases to touch me; and to Claudia Edwards and all my spiritual mentors and guides, who have taught me how to connect most deeply to my heart.

I am forever grateful to my Happiness tribe: Valerie Freilich, Achim Novak, Juan Jose Reyes. Thank you for always being supportive, seeking the next adventure, expedition, creative exploration, taking us to the next level with shared discussions and new ideas. To Luis Gallardo, the Happiness visionary and conscious leader. Your words of encouragement, unconditional support, and humble mentoring kept me moving forward. Your vision is a true example of collective thinking and being.

Thank you to my splendid office team: The loyalty and dedication of Liliana Orozco, with her growing belly, listening to recordings, making videos, bringing resources, and getting excited about the book. The detailed work of Elizabeth Blanquel, translating hours of transcripts, managing social media, assisting with research. The constant support from Jose Vicente Sevilla, with his cameras and equipment, looking to capture the moment. To Gladys Socha, for taking care of me and my home so I can put all my dedication to the book.

To the brilliant Avi Jorish, thank you for showing me the way and helping with legal questions. To Daniel Orelus St Juste III, for visualizing the dream before it was a reality; you've given me so much strength and care in the process. To Daniza Tobar, editor Ann Sheybani, and Aleyso Bridger, thank you for believing in the early craft and intention of this book, encouraging me to keep going, and for connecting me to the right people at the right time. And to my talented, powerful, and creative friends Tammy, Debbie, and Ivonn, and Rachel and Sylvia: thank you for showing up time and again in so many ways.

This book could never have happened without the incredible teachings I have received from my patients. I'm forever grateful for the trust you have put in me. Your willingness to share your stories of pain and suffering and your commitment to healing and transforming inspires me every day. Witnessing your process keeps me believing that wisdom and growth are indeed possible.

To my family and my ancestors, with infinite gratitude for all you've given me. My grandparents, Lalu and Nana, for their unconditional love and for teaching me what it means to embody wisdom, embrace the hope, and keep it alive. My mom and dad, for always being examples of strength and resilience in life. Thank you for giving me opportunities and privileges that allowed me to nurture my curiosity in life and take risks. To my son, Ariel, for being a teacher, my teacher, a shining light and a constant source of inspiration. You continue to show me what's truly possible by being and living with love and integrity. You are a beacon of light.

My father passed away during the time I was writing this book. There is nothing more painful than losing the ones we love *and* nothing more powerful than the community coming together, feeding each other, hugging, and listening to each other's stories. I had the privilege of healing from pain within the strength and nurturance of such community. I shall forever be indebted to family, childhood friends, and those who came from all over the world to support me and my family. A true testament to the healing power that lies within the center of the collective.

May this book be of benefit, somehow touch the lives of others and alleviate their suffering.

References

CHAPTER 2: THE TRAUMA OF EVERYDAY LIFE

- 1. For more information on the history of trauma, see Judith Herman's book *Trauma and Recovery* (New York: Basic Books, 1992).
- 2. Ibid.
- Lisa Firestone, "Recognizing Complex Trauma," *Psychology Today*, July 31, 2012.
- David Sack, MD, "8 Reasons It's So Hard to Overcome a Tough Childhood," *Psychology Today*, March 12, 2015.
- Pauline Boss, *Loss, Trauma, and Resilience* (New York: W. W. Norton, 2006).
- 6. For more information, see interview with Pauline Boss, "Navigating Loss Without Closure," by Krista Tippett, *On Being*, July 2020, and *Ambiguous Loss: Learning to Live With Unresolved Grief* by Pauline Boss (Harvard University Press, 2000).
- For more on the benefits of stress, see *The Upside of Stress: Why Stress* Is Good for You and How to Get Good at It, by Kelly McGonigal, PhD (New York: Avery Publications, 2015).

CHAPTER 3: WHAT IS POSTTRAUMATIC GROWTH?

- Lindsay VanSomeren, "How Do Caterpillars Turn Into Butterflies and Moths Through Metamorphosis?," UntamedScience.com, October 2016.
- 2. Richard G. Tedeschi et al., *Transformed by Trauma: Stories of Post-traumatic Growth* (self-pub., 2020).
- Ralph De La Rosa, *Don't Tell Me to Relax* (Boulder, CO: Shambhala, 2020).

4. Harold S. Kushner, *When Bad Things Happen to Good People* (New York: Anchor Books, 2004).

CHAPTER 4: FLOATING FACTORS

- Emmy Werner and Ruth Smith, "The Children of Kauai: Resiliency and Recovery in Adolescence and Adulthood," *Journal of Adolescent Health* 13 (June 1992): 262–68, https://doi.org/10.1016/1054 -139x(92)90157-7.
- Namiko Kamijo and Shintaro Yukawa, "The Role of Rumination and Negative Affect in Meaning Making Following Stressful Experiences in a Japanese Sample," *Frontiers in Psychology* 9 (November 28, 2018): 2404, https://doi.org/10.3389/fpsyg.2018.02404.
- 3. Ibid.
- 4. For more information on fixed and growth mindset, see *Mindset: The New Psychology of Success* by Carol Dweck (New York: Penguin Random House, 2016).
- From a panel discussion with Dan Siegel, Dr. Gabor Maté, UCLA researcher and social justice advocate Sará King, and Garrison Institute fellow Angel Acosta, "Building Intergenerational Trauma Sensitivity and Awareness," June 12, 2021, as part of *The Wisdom of Trauma* premiere.

CHAPTER 5: THE INTERGENERATIONAL LEGACY OF TRAUMA

- 1. Christian Wolf, "Post-Traumatic Stress Disorder Can Be Contagious," *Scientific American*, October 3, 2018.
- 2. Ibid.
- Daniel Goleman is quoted in "Relationship Trauma: How Does Emotional Pain from Childhood Get Played Out in Adulthood," by Dr. Tian Dayton, *HuffPost*, July 21, 2008. See also Dr. Dayton's *Emotional Sobriety* (Deerfield Beach, FL: Health Communications, 2007).
- Jillian Peterson and James Densley, "How Columbine Became a Blueprint for School Shooters," *The Conversation*, April 17, 2019. Also, see "Thresholds of Violence: How School Shootings Catch On," by Malcolm Gladwell, *The New Yorker* (Oct. 12, 2015)

- 5. Youth ALIVE!, "Trauma Is the Virus: Violence as a Public Health Issue," www.youthalive.org, April 19, 2017.
- For a more in-depth discussion of this topic see *Teens Who Hurt: Clinical Interventions to Break the Cycle of Teenage Violence* by Kenneth Hardy (New York: Guilford Press, 2005) and his article "Healing the Hidden Wounds of Racial Trauma," *Reclaiming Children and Youth* 22, no. 1 (Spring 2013): 24–28.
- Ibram X. Kendi, "Post-Traumatic Slave Syndrome Is a Racist Idea," Black Perspectives, www.aaihs.org, June 21, 2016.
- 8. Rachel Yehuda's research is explained in "Study of Holocaust Survivors Finds Trauma Passed On to the Children's Genes," by Helen Thomson, *The Guardian*, August 21, 2015.
- Patricia Dashorst et al., "Intergenerational Consequences of the Holocaust on Offspring Mental Health: A Systemic Review of Associated Factors and Mechanisms," *European Journal of Psychotraumatology* 10, no. 1 (August 2019): 1654065, https://doi.org/10.108 0/20008198.2019.1654065.
- Amrit Shrira, Ravit Menashe, and Moshe Bensimon, "Filial Anxiety and Sense of Obligation among Offspring of Holocaust Survivors," *Aging and Mental Health* 23, no. 6 (June 2019): 752–61, https://doi .org/10.1080/13607863.2018.1448970.
- Amy J. Sindler, Nancy S. Wellman, and Oren Baruch Stier, "Holocaust Survivors Report Long-Term Effects on Attitudes toward Food," *Journal of Nutrition Education and Behavior* 36, no. 4 (July–August 2004): 189–96, https://doi.org/10.1016/S1499-4046(06)60233-9.
- Irit Felsen, "'The Canary in the Mine': Re-traumatization and Resilience in Offspring of Holocaust Survivors During the Covid-19 Pandemic," *Trauma Psychology News*, November 13, 2020.
- 13. Tirzah Firestone, *Wounds into Wisdom: Healing Intergenerational Jewish Trauma* (Rhinebeck, NY: Monkfish, 2019).
- 14. Martin Caparrotta, "Dr. Gabor Maté on Childhood Trauma: The Real Cause of Anxiety and Our 'Insane' Culture," HumanMind .com, September 2020.
- 15. Peter Nieman, "Shyness Not Necessarily a Lifelong Trait," *Calgary Herald*, December 14, 2017.
- 16. Daniel Goleman and Richard Davidson, Altered Traits: Science Re-

veals How Meditation Changes Your Mind, Brain, and Body (New York: Avery, 2017).

- 17. "Epigenetic Patterns Determine If Honeybee Larvae Become Queens or Workers," *Science Daily*, August 22, 2018.
- 18. Krista Tippett, "How Trauma and Resilience Cross Generations," On Being, updated November 2017.
- 19. Tori Rodriguez, "Descendants of Holocaust Survivors Have Altered Stress Hormones," *Scientific American*, March 1, 2015.
- Elysia P. Davis and Carl A. Sandman, "The Timing of Prenatal Exposure to Maternal Cortisol and Psychosocial Stress Is Associated with Human Cognitive Development," *Child Devleopment* 81, no. 1 (January/February 2010): 131–48, https://doi.org/10.1111/j.1467 -8624.2009.01385.x.

chapter 6: from collective trauma to collective growth

- Jonathan Shay, MD, PhD, "Moral Injury," *Psychoanalytic Psychology*, 2014.
- Diane Silver, "Beyond PTSD: Soldiers Have Injured Souls," *Pacific Standard*, January 2015 (rev).
- 3. Tirzah Firestone, *Wounds into Wisdom: Healing Intergenerational Jewish Trauma* (Rhinebeck, NY: Monkfish, 2019).
- 4. Oxiris Barbot, MD, "George Floyd and Our Collective Moral Injury," *American Journal of Public Health*, August 12, 2020.
- 5. From a panel discussion as part of *The Wisdom of Trauma* premiere entitled "The Wisdom of Trauma: Climate Crisis, Fragmentation, and Collective Trauma," with Dr. Gabor Maté, Eriel Tchekwie, Bayo Akomolafe, and Angaangaq Angaqkkoruaq. (Reprinted at www .indigenousclimateaction.com/entries/climate-crisis-fragmentation -amp-collective-trauma-discussion-with-eriel-deranger-bayo-akomo lafe-angaangaq-angakkorsuaw-and-gabor-mate).

CHAPTER 7: THE STAGE OF AWARENESS: RADICAL ACCEPTANCE

 Salynn Boyles, "Posttraumatic Stress, Fibromyalgia Linked," WebMD, June 10, 2004. chapter 8: the stage of awakening: safety and protection $\label{eq:safety}$

- "Your Amygdala Gets Bigger If You're Anxious and Depressed," NeuroscienceNews.com, August 5, 2020.
- Dacher Keltner, "Forget Survival of the Fittest, It's Kindness That Counts," interview by David DiSalvo, *Scientific American*, February 26, 2009.
- Linda Sparrowe, "Yoga and Cancer: A Healing Journey," Yoga International, Fall 2010.
- 4. Brené Brown, *Dare to Lead: Brave Work, Tough Conversations, Whole Hearts* (New York: Random House, 2018).

CHAPTER 9: THE STAGE OF BECOMING: A NEW NARRATIVE

1. Anne Trafton, "How the Brain Controls Our Habits," *MIT News*, October 29, 2012.

CHAPTER IO: THE STAGE OF BEING: INTEGRATION

- 1. Joan Borysenko, "Born for These Times," joanborysenko.com, November 17, 2016.
- Based on the work of Alberto Villoldo and the Four Winds Society, https://thefourwinds.com.

CHAPTER II: THE STAGE OF TRANSFORMING: WISDOM AND GROWTH

- 1. For more information, visit https://yodigonomas.com.
- Yukari Mitsuhashi, "Ikigai: A Japanese Concept to Improve Work and Life," BBC.com, August 7, 2017. For more information, check out *How to Ikigai: Lessons in Finding Happiness and Living Your Purpose*, by Tim Tamashiro (Coral Gables, FL: Mango Publishing Group, 2019).

CHAPTER 12: STAYING ELEVATED

1. Stephen Joseph and P. Alex Linley, "Growth Following Adversity: Theoretical Perspectives and Implications for Clinical Practice," *Clinical Psychology Review* 26, no. 8 (December 2006): 1041–53: https://doi.org/10.1016/j.cpr.2005.12.006.

- 2. Dean Hamer, *The God Gene: How Faith Is Hardwired into Our* Genes (New York: Anchor Books, 2004).
- 3. Lisa Miller, Mark Davies, and Steven Greenwald, "Religiosity and Substance Abuse among Adolescents in the National Comorbidity Survey," *Journal of the American Academy of Adolescent and Child Psychiatry* 39, no. 9 (September 2000): 1190–97, https://doi .org/10.1097/00004583-200009000-00020.For a discussion on this and other aspects of Lisa Miller's work on spirituality and depression, see *The Awakened Brain: The New Science of Spirituality and Our Quest for an Inspired Life*, by Dr. Lisa Miller (New York: Random House, 2021).
- 4. American Psychological Association, "People with a Sense of Oneness Experience Greater Life Satisfaction," ScienceDaily.com, April 11, 2019.
- 5. Suzanne Simard, "Trees Talk to Each Other: 'Mother-Tree' Ecologist Hears Lessons for People, Too," interview by Dave Davies, *Fresh Air*, May 4, 2021. Further information from *The Hidden Life of Trees* by Peter Wohlleben (London: Allen Lane, 2016) and *Finding the Mother Tree: Discovering the Wisdom of the Forest* by Suzanne Simard (New York: Knopf, 2021).