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Creativity and Mental Illness

Are creative people more likely to be mentally ill? This basic question has been debated for thousands of years, with the “mad genius” concept advanced by such luminaries as Aristotle. There are many studies that argue the answer is “yes,” and several prominent scholars who argue strongly for a connection. There are also those who argue equally strongly that the core studies and scholarship underlying the mad genius myth are fundamentally flawed. This book re-examines the common view that a high level of individual creativity often correlates with a heightened risk of mental illness. It expands conventional wisdom that links creativity with mental illness, arguing that the relationship is complicated; there are some ways in which creativity is associated with mental illness, other ways in which it is associated with positive mental health, and other ways in which the two traits are simply not associated. With contributions from some of the most exciting voices in the fields of psychology, neuroscience, physics, psychiatry, and management, this is a dynamic and cutting-edge volume that will inspire new ideas and studies on this fascinating topic.

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For my brother
David S. Kaufman
(1968–2004)

*Of all sad words of tongue or pen,
The saddest are these: "It might have been."
(John Greenleaf Whittier)*

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Frontmatter
[More information](#)

Contents

<i>List of figures</i>	<i>page</i> x
<i>List of tables</i>	xi
<i>List of contributors</i>	xii
<i>Preface</i>	xxi
JAMES C. KAUFMAN	
<i>Acknowledgments</i>	xxiv
 Part I Creativity and mental illness: the state of the field	
1 A socio-historical overview of the creativity–pathology connection: from antiquity to contemporary times	3
GEORGE BECKER	
2 The mad (creative) genius: what do we know after a century of historiometric research?	25
DEAN KEITH SIMONTON	
3 Reviewing recent empirical findings on creativity and mental illness	42
MELANIE L. BEAUSSART, ARIELLE E. WHITE, ADAM PULLARO, AND JAMES C. KAUFMAN	
4 Building connections on sand: the cautionary chapter	60
JUDITH SCHLESINGER	
 Part II Cognitive and neuroscientific perspectives on creativity and mental illness	
5 Neurocognitive mechanisms underlying creative thinking: indications from studies of mental illness	79
ANNA ABRAHAM	
	vii

viii	Contents	
6	The evolutionary genetics of the creativity–psychosis connection	102
	AARON KOZBELT, SCOTT BARRY KAUFMAN, DEBORAH J. WALDER, LUZ H. OSPINA, AND JOSEPH U. KIM	
7	Non-linearity in creativity and mental illness: the mixed blessings of chaos, catastrophe, and noise in brain and behavior	133
	JAMES E. SWAIN AND JOHN D. SWAIN	
8	Artists’ vulnerability to psychopathology: an integrative cognitive perspective	145
	MARK PAPWORTH	
Part III Creativity and the spectrum of mental illness		
9	Creativity and the spectrum of affective and schizophrenic psychoses	169
	NEUS BARRANTES-VIDAL	
10	When good is bad and bad is good: mood, bipolarity, and creativity	205
	GEIR KAUFMANN AND ASTRID KAUFMANN	
11	Attention-deficit/hyperactivity disorder and creativity: ever the twain shall meet?	236
	DIONE HEALEY	
Part IV Creativity and mental illness: possible commonalities		
12	The shared vulnerability model of creativity and psychopathology	253
	SHELLEY CARSON	
13	On the fragility of the artist: art’s precarious triad	281
	MAJA DJIKIC AND KEITH OATLEY	
14	Creativity as “compensatory advantage”: bipolar and schizophrenic liability, the inverted-U hypothesis, and practical implications	295
	DENNIS K. KINNEY AND RUTH RICHARDS	

Cambridge University Press
978-1-107-02169-3 - Creativity and Mental Illness
Edited by James C. Kaufman
Frontmatter
[More information](#)

Contents	ix
Part V Creativity and mental health	
15 Bringing the whole universe to order: creativity, healing, and posttraumatic growth MARIE J. C. FORGEARD, ANNE C. MECKLENBURG, JUSTIN J. LACASSE, AND ERANDA JAYAWICKREME	321
16 Inspiration and the creative process TODD M. THRASH, EMIL G. MOLDOVAN, AMANDA K. FULLER, AND JOHN T. DOMBROWSKI	343
17 King Solomon and psychoneuroimmunology: creativity and life coping MICHAEL J. LOWIS	363
Part VI Creativity and mental illness: what now?	
18 Ruminating about mental illness and creativity EMILY C. NUSBAUM, ROGER E. BEATY, AND PAUL J. SILVIA	395
19 Creativity and mental illness: reasons to care and beware JAMES C. KAUFMAN	403
<i>Index</i>	408

Figures

5.1	The relationship between information-processing toolboxes of creative cognition and normative cognition can be conceived of as mutually exclusive (A), partially overlapping (B), or undifferentiated (C) (adapted from figure as originally published in Abraham [2013])	page 83
5.2	Types of top-down or contextual influences on information processing during creative idea generation and their associated findings related to positive versus negative biases	90
5.3	The relation between the propensity to generate original responses during creative thinking and the degree of functionality in top-down control of information processing associated with clinical and subclinical populations	93
12.1	The shared vulnerability model of creativity and psychopathology (with permission from Carson [2011])	265
12.2	High IQ and attenuated latent inhibition predict creative achievement in eminent achievers and controls (with permission from Carson <i>et al.</i> [2003])	270

Tables

2.1 Percentages of eminent figures displaying different degrees of psychopathology	<i>page 29</i>
11.1 Table showing the cognitive processes involved in each stage of Wallas’ (1926) model of the creative process and Zelazo <i>et al.</i> ’s (1997) model of the problem-solving process	243
16.1 Examples of three forms of transmission within three content domains	348
17.1 Interest in the arts	382

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xiv List of contributors

He credits his professors both within psychology and from other disciplines for his desire to pursue a professional interdisciplinary future focused on education, psychology, and community implementation.

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xvi List of contributors

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KEITH OATLEY is Professor Emeritus of Cognitive Psychology at the University of Toronto, where he has taught courses on cognitive psychology (which included topics of expertise and creativity), on the psychology of emotions, and on the psychology of imaginative literature. He has published more than 200 articles in journals and as book chapters. He is the author of seven books on psychology, most recently *The passionate muse*, and three novels, the first of which, *The case of Emily V.*, won a Commonwealth Writers Prize for Best First Novel. His most recent novel is *Therefore choose*. He is a fellow of the Royal Society of Canada, the British Psychological Society, and the Association of Psychological Science.

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xviii List of contributors

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 Frontmatter
[More information](#)

List of contributors

xix

James Book Award, the Sir Francis Galton Award for Outstanding Contributions to the Study of Creativity, the Rudolf Arnheim Award for Outstanding Contributions to Psychology and the Arts, the Distinguished Scientific Contributions to Media Psychology Award, the George A. Miller Outstanding Article Award, the Theoretical Innovation Prize in Personality and Social Psychology, the E. Paul Torrance Award for Creativity, three Mensa Awards for Excellence in Research, and the Joseph B. Gittler Award for significant contributions to “the philosophical foundations of Psychology.”

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xx List of contributors

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Preface

Are creative people more likely to be mentally ill? This basic question has been debated for thousands of years, with the “mad genius” concept advanced by such luminaries as Aristotle (Runco and Albert, 2010). One of the first researchers to study creativity did so as a way of addressing this question (Lombroso, 1894). By the year 1800, according to Simonton (1994), this stereotype had become dogma. Most people today still accept this connection as a truth (Plucker *et al.*, 2004).

Yet is it true? Is creativity associated with mental illness? There are many studies that argue the answer is “yes” (e.g., Andreasen, 1987; Ludwig, 1995; Post, 1994), and several prominent scholars who argue strongly for a connection (Jamison, 1993). There are also those who argue equally strongly that the core studies and scholarship underlying the mad genius myth are fundamentally flawed (Rothenberg, 1990; Schlesinger, 2009).

More recently, researchers have explored exactly what we mean by “creativity” and “mental illness” (Silvia and Kaufman, 2010). New areas of psychology have impacted the eternal debate, as scholars from positive psychology and neuroscience have addressed this key issue. There are numerous recent studies and theories that have advanced this question. Yet most discussions of the creativity–mental illness relationship continue to cite the same decades-old work.

The goal of this book is to collect together some of the most exciting voices in the field to create a dynamic and cutting-edge edited volume that will inspire new ideas and studies on this fascinating topic. In compiling these essays, I realized that the relationship between creativity and mental illness was an international phenomenon. Studies have been conducted all across the globe, and the authors in this book represent eight countries (the United States, Canada, England, Scotland, Norway, Spain, Germany, and New Zealand).

Part I of the book begins with four chapters that set up the state of the field. George Becker tracks the history of how creativity and mental illness have been. Next, Dean Keith Simonton highlights the historiometric

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978-1-107-02169-3 - Creativity and Mental Illness
Edited by James C. Kaufman
Frontmatter
[More information](#)

xxii Preface

approach to studying the topic. Melanie Beaussart, Arielle White, Adam Pullaro, and I then cover more traditionally empirical studies. Finally, Judith Schlesinger offers an important cautionary chapter about flaws in classic papers.

Part II offers cognitive and neuroscientific perspectives on the issue. Anna Abraham discusses underlying neurocognitive mechanisms of creativity, based on studies of mental illness. Aaron Kozbelt, Scott Barry Kaufman, Deborah Walder, Luz Ospina, and Joseph Kim take an evolutionary genetics viewpoint, and then James Swain and John Swain analyze the creativity–mental illness connection using concepts from physics and brain research. Finally, Mark Papworth uses an approach based on principles from cognitive behavioral therapy.

Essays that cover the wide spectrum of mental illness comprise Part III of the book. Neus Barrantes-Vidal presents a sweeping review of creativity’s relationship to both clinical and subclinical disorders. Geir Kaufmann and Astrid Kaufmann analyze the complex relationship that creativity has with mood (both positive and negative), and then Dione Healey writes about the connection creativity may have with attention-deficit/hyperactivity disorder.

Part IV examines possible commonalities that creativity and mental illness may share beyond a straightforward causal relationship. Shelley Carson begins with a chapter on her shared vulnerability model. Maja Djikic and Keith Oatley discuss the “precarious triad” that may end up harming artists. Finally, Dennis Kinney and Ruth Richards review evidence from many studies for increased creativity as compensatory advantage to genes that increase liability for schizophrenia and bipolar disorder. This creative advantage may help keep liability genes in the population, with practical implications for therapists and teachers, and patients and their families.

In Part V, research from the alternate perspective is presented – that creativity may be linked with positive mental health. Marie Forgeard, Anne Mecklenburg, Justin Lacasse, and Eranda Jayawickreme cover the growing area of creativity and posttraumatic growth. Todd Thrash, Emil Moldovan, Amanda Fuller, and John Dombrowski discuss the role of inspiration in the creative process, and then Michael Lewis uses the concept of psychoneuroimmunology to analyze how coping, humor, and creativity are linked.

In Part VI, Emily Nusbaum, Roger Beaty, and Paul Silvia integrate the many voices and perspectives in this volume as they offer a rumination on creativity and mental illness. Finally, I offer my own last thoughts on this issue.

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As always, love and gratitude to my family (parents Alan and Nadeen Kaufman, wife Allison, sons Jacob and Asher, and everyone else) and to my circle of friends and colleagues. I submit this manuscript to the publisher as I transition from California State University at San Bernardino to the University of Connecticut. I am thrilled at the adventures to come and grateful for the memories that have been.