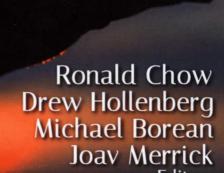
PUBLIC HEALTH: PRACTICES, METHODS AND POLICIES
JOAV MERRICK (SERIES EDITOR)



# Alzheimer's Disease

Awareness among Young Adults



### **ALZHEIMER'S DISEASE**

### **AWARENESS AMONG YOUNG ADULTS**

RONALD CHOW
DREW HOLLENBERG
MICHAEL BOREAN
AND
JOAV MERRICK
EDITORS



Copyright © 2017 by Nova Science Publishers, Inc.

**All rights reserved.** No part of this book may be reproduced, stored in a retrieval system or transmitted in any form or by any means: electronic, electrostatic, magnetic, tape, mechanical photocopying, recording or otherwise without the written permission of the Publisher.

We have partnered with Copyright Clearance Center to make it easy for you to obtain permissions to reuse content from this publication. Simply navigate to this publication's page on Nova's website and locate the "Get Permission" button below the title description. This button is linked directly to the title's permission page on copyright.com. Alternatively, you can visit copyright.com and search by title, ISBN, or ISSN.

For further questions about using the service on copyright.com, please contact:

Copyright Clearance Center

Phone: +1-(978) 750-8400

Fax: +1-(978) 750-4470

E-mail: info@copyright.com.

#### NOTICE TO THE READER

The Publisher has taken reasonable care in the preparation of this book, but makes no expressed or implied warranty of any kind and assumes no responsibility for any errors or omissions. No liability is assumed for incidental or consequential damages in connection with or arising out of information contained in this book. The Publisher shall not be liable for any special, consequential, or exemplary damages resulting, in whole or in part, from the readers' use of, or reliance upon, this material. Any parts of this book based on government reports are so indicated and copyright is claimed for those parts to the extent applicable to compilations of such works.

Independent verification should be sought for any data, advice or recommendations contained in this book. In addition, no responsibility is assumed by the publisher for any injury and/or damage to persons or property arising from any methods, products, instructions, ideas or otherwise contained in this publication.

This publication is designed to provide accurate and authoritative information with regard to the subject matter covered herein. It is sold with the clear understanding that the Publisher is not engaged in rendering legal or any other professional services. If legal or any other expert assistance is required, the services of a competent person should be sought. FROM A DECLARATION OF PARTICIPANTS JOINTLY ADOPTED BY A COMMITTEE OF THE AMERICAN BAR ASSOCIATION AND A COMMITTEE OF PUBLISHERS.

Additional color graphics may be available in the e-book version of this book.

### **Library of Congress Cataloging-in-Publication Data**

ISBN: 978-1-53612-456-9

Published by Nova Science Publishers, Inc. † New York

# ALZHEIMER'S DISEASE AWARENESS AMONG YOUNG ADULTS

# PUBLIC HEALTH: PRACTICES, METHODS AND POLICIES

### JOAV MERRICK - SERIES EDITOR

MEDICAL DIRECTOR, HEALTH SERVICES, DIVISION FOR INTELLECTUAL AND DEVELOPMENTAL DISABILITIES, MINISTRY OF SOCIAL AFFAIRS AND SOCIAL SERVICES,

JERUSALEM, ISRAEL

### Alzheimer's Disease: Awareness among Young Adults

Ronald Chow, Drew Hollenberg, Michael Borean and Joav Merrick (Editors) 2017: ISBN: 978-1-53612-456-9 (Softcover) 2017: ISBN: 978-1-53612-457-6

(e-book)

Leadership:
Promoting Leadership
and Intrapersonal Development
in University Students

and Joav Merrick (Editors)
2017. ISBN: 978-1-53611-950-3
(Hardcover)
2017. ISBN: 978-1-53611-970-1
(e-book)

Daniel TL Shek, Cecilia MS Ma

### Caribbean Adolescents: Misuse and Abuse of Alcohol

Cecilia Hegamin-Younger and Joav Merrick (Editors) 2017. ISBN: 978-1-63485-880-9 (Hardcover) 2016. ISBN: 978-1-63485-894-6 (e-book)

### **Public Health:**

### An Ecological Framework for Child Environmental Health Interventions

I. Leslie Rubin and Joav Merrick (Editors)

2017. ISBN: 978-1-53610-700-5 (Hardcover) 2017. ISBN: 978-1-53610-714-2

(e-book)

### Service Leadership Education for University Students

Daniel TL Shek, Po Chung, Li Lin and Joav Merrick (Editors) 2017. ISBN: 978-1-53611-949-7

(Hardcover)

2017. ISBN: 978-1-53611-969-5 (e-book)

#### **Diabetes Mellitus:**

### A Medical History Journey

Donald E. Greydanus and Joav Merrick

2016. ISBN: 978-1-53610-094-5 (Softcover)

2016. ISBN: 978-1-53610-103-4 (e-book)

### Education in Hong Kong: Service Leadership for University Students

Daniel TL Shek, Cecilia MS Ma, Li Lin and Joav Merrick (Editors) 2016. ISBN: 978-1-63484-928-9 (Hardcover)

2016. ISBN: 978-1-63484-960-9 (e-book)

# Environmental Health Disparities: Costs and Benefits of Breaking the Cycle

I. Leslie Rubin and Joav Merrick (Éditors)

2016. ISBN: 978-1-63484-211-2 (Hardcover)

2016. ISBN: 978-1-63484-212-9 (e-book)

### Higher Education in Hong Kong: Nurturing Students to be Caring Service Leaders

Daniel TL Shek, Andrew MH Siu, Hildie Leung and Joav Merrick (Editors)

2016. ISBN: 978-1-63484-980-7 (Hardcover)

2016. ISBN: 978-1-63485-009-4 (e-book)

### Measles: Epidemiology and Control of Measles in the Gweru Urban District in Zimbabwe

Tawanda Marufu, Seter Siziya, Mazyanga L. Mazaba and Joav Merrick (Editors) 2016. ISBN: 978-1-63485-559-4

(Hardcover)

2016. ISBN: 978-1-63485-573-0 (e-book)

# **Medical History: Some Perspectives**

Donald E. Greydanus and Joav Merrick

2016. ISBN: 978-1-63484-747-6

(Hardcover)

2016. ISBN: 978-1-63484-849-7

(e-book)

### Public Health: Some International Aspects

Joav Merrick (Editor)

2016. ISBN: 978-1-63484-612-7

(Hardcover)

2016. ISBN: 978-1-63484-630-1 (e-book)

### Public Health: International Aspects on Environment and Health

I. Leslie Rubin and Joav Merrick
(Editors)

2016. ISBN: 978-1-63484-834-3

(Hardcover)

2016. ISBN: 978-1-63484-849-7

(e-book)

### Smoking and Adolescence: International Public Health Experiences

Mazyanga L. Mazaba, Seter Siziya and Joav Merrick (Editors)

2016. ISBN: 978-1-63484-311-9 (Hardcover)

2016. ISBN: 978-1-63484-312-6 (e-book)

# Arbovirus: Public Health Experience from Zambia

Seter Siziya, Mazyanga L. Mazaba, and Joav Merrick (Editors) 2015. ISBN: 978-1-63463-601-8

(Hardcover)

2015. ISBN: 978-1-63463-618-6 (e-book)

### **Health Issues in Diverse Cultures**

Cecilia Obeng, Samuel Gyasi Obeng and Joav Merrick (Editors)

2015. ISBN: 978-1-63463-613-1

(Hardcover)

2015. ISBN: 978-1-63463-619-3 (e-book)

# Public Health, Social Work and Health Inequalities

Bruce D. Friedman and Joav Merrick
(Editors)

2015. ISBN: 978-1-63482-838-3

(Hardcover)

2015. ISBN: 978-1-63482-850-5

(e-book)

### Tomorrow's Leaders: Service Leadership and Holistic Development in Chinese University Students

Daniel TL Shek, Andrew MH Siu and Joav Merrick (Editors) 2015. ISBN: 978-1-63321-880-2 (Hardcover) 2014. ISBN: 978-1-63321-943-4

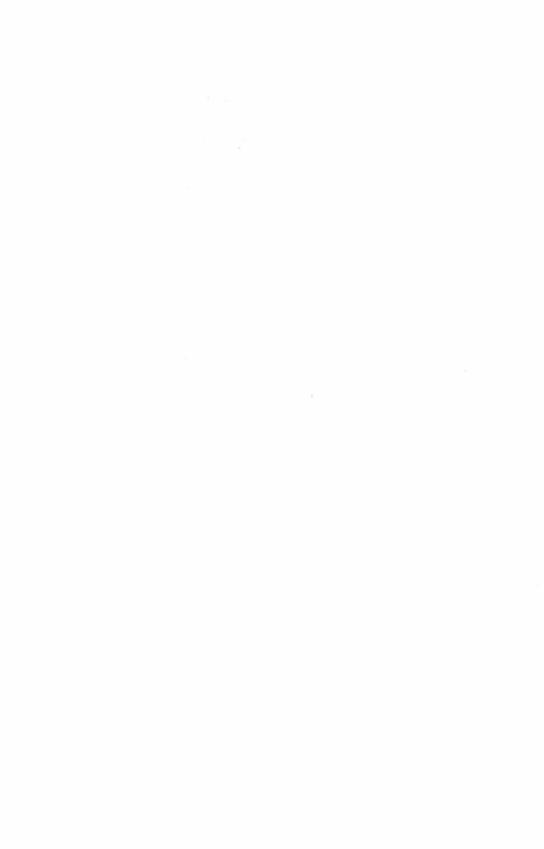
(e-book)

### Environment and Public Health: Environmental Health, Law and International Perspectives

I. Leslie Rubin and Joav Merrick (Editors)

2014. ISBN: 978-1-63463-167-9 (Hardcover)

2014. ISBN: 978-1-63463-189-1 (e-book)





### **CONTENTS**

Section one: Introduction		1
Chapter 1	How knowledgeable are young adults about Alzheimer's disease? Ronald Chow, Michael Borean, Drew Hollenberg and Joav Merrick	3
Section two: C	anadian Province of Ontario	7
Chapter 2	Awareness of Alzheimer's disease: About the survey and survey instrument Ronald Chow, Michael Borean and Drew Hollenberg	9
Chapter 3	Awareness of Alzheimer's disease among young adults in London, Canada Ronald Chow, Alexandra Ferrara, Michael Borean, Drew Hollenberg, Michael Lam, Tharani Anpalagan, Jaclyn Viehweger and Anna Rzepka	19

Chapter 4	Awareness of Alzheimer's disease among young adults in Kingston, Canada Ronald Chow, Michael Borean, Drew Hollenberg, Logan Midroni, Cooper Midroni, Yeonju Kim, Tharani Anpalagan, Jaclyn Viehweger and Anna Rzepka	31
Chapter 5	Awareness of Alzheimer's disease among young adults in Toronto, Canada Michael Borean, Anna Rzepka, Victoria Trasente, Drew Hollenberg, Cynthia Ho, Wesley Ng, Matthew Wong, Tharani Anpalagan, Jaclyn Viehweger and Ronald Chow	43
Chapter 6	Awareness of Alzheimer's disease among young adults in Ottawa, Canada  Jaclyn Viehweger, Michael Borean,  Drew Hollenberg, Tharani Anpalagan,  Anna Rzepka, Victoria Trasente  and Ronald Chow	59
Chapter 7	Awareness of Alzheimer's disease among young adults in Hamilton, Canada Tharani Anpalagan, Michael Borean, Drew Hollenberg, Ineka Panigrahi, Jaclyn Viehweger, Anna Rzepka, Victoria Trasente and Ronald Chow	71
Chapter 8	Awareness of Alzheimer's disease among young adults in Waterloo, Canada  Drew Hollenberg, Michael Borean, Jerry Liu, Tharani Anpalagan, Jaclyn Viehweger, Victoria Trasente, Anna Rzepka and Ronald Chow	83

Section three: Other Canadian provinces		95
Chapter 9	Awareness of Alzheimer's disease among young adults in Saskatoon, Canada Jaclyn Viehweger, Drew Hollenberg, Michael Borean, Rahul Parekh, Vladimir Grujic, Aadyn Oleksyn, Tharani Anpalagan, Anna Rzepka, Victoria Trasente and Ronald Chow	97
Chapter 10	Awareness of Alzheimer's disease among young adults in Montreal, Canada Anna Rzepka, Drew Hollenberg, Michael Borean, Tharani Anpalagan, Kevin Song, Jacie Liu, Tyler Young, Jaclyn Viehweger and Ronald Chow	111
Section four: United States of America		123
Chapter 11	Awareness of Alzheimer's disease among young adults in North Carolina, United States Ronald Chow, Jaclyn Viehweger, Drew Hollenberg, Michael Borean, Tharani Anpalagan, Victoria Trasente and Anna Rzepka	125
Chapter 12	Awareness of Alzheimer's disease among young adults in New York State, United States  Michael Borean, Drew Hollenberg, Neal Ganguli, Ray Kang, William Bai, Tharani Anpalagan, Jaclyn Viehweger, Victoria Trasente, Anna Rzepka and Ronald Chow	137

xii Contents

Section five: Outside North America		151
Chapter 13	Awareness of Alzheimer's disease among young adults in Dublin, Ireland Ronald Chow, Drew Hollenberg, Michael Borean, Samuel Goh, Tharani Anpalagan, Jaclyn Viehweger, Horace Looi, Stephanie Ho, Victoria Trasente and Anna Rzepka	153
Chapter 14	Awareness of Alzheimer's disease among young adults in Asia  Jaclyn Viehweger, Drew Hollenberg,  Michael Borean, Samuel Fung,  Tharani Anpalagan, Victoria Trasente,  Anna Rzepka and Ronald Chow	167
Section six: Ov	verall Awareness	179
Chapter 15	Young adults and awareness of Alzheimer's disease: A meta-analysis  Ronald Chow, Michael Borean  and Drew Hollenberg	181
Chapter 16	Young adults and awareness of Alzheimer's disease by age, sex and familial ties: A meta-analysis  Ronald Chow, Michael Borean  and Drew Hollenberg	197
Section seven: Acknowledgments		235
Chapter 17	About the editors	237
Chapter 18	About Infinitas Research Group, London, Ontario, Canada	239
Chapter 19	About the National Institute of Child Health and Human Development in Israel	241

	Contents	xiii
Chapter 20	About the book series "Public health: Practices, methods and policies"	247
Section eight: Index		249
Index		251

### **SECTION ONE: INTRODUCTION**