

## Medical Image Computing and Computer-Assisted Intervention -- MICCAI 2015: 18th International Conference, Munich, Germany,

by Alejandro Frangi (Editor), Joachim Hornegger (Editor), Nassir Navab (Editor), William M. Wells

Series: Lecture Notes in Computer Science (Book 9349)

**Price £79.50** Paperback: 714 pages

Publisher: Springer; 1st ed. 2015 edition (October 15, 2015)

Language: English

ISBN-10: 331924552X

ISBN-13: 978-3319245522



The three-volume set LNCS 9349, 9350, and 9351 constitutes the refereed proceedings of the 18th International Conference on Medical Image Computing and Computer-Assisted Intervention, MICCAI 2015, held in Munich, Germany, in October 2015. Based on rigorous peer reviews, the program committee carefully selected 263 revised papers from 810 submissions for presentation in three volumes. The papers have been organized in the following topical sections: quantitative image analysis I: segmentation and measurement; computer-aided diagnosis: machine learning; computer-aided diagnosis: automation; quantitative image analysis II: classification, detection, features, and morphology; advanced MRI: diffusion, fMRI, DCE; quantitative image analysis III: motion, deformation, development and degeneration; quantitative image analysis IV: microscopy, fluorescence and histological imagery; registration: method and advanced applications; reconstruction, image formation, advanced acquisition - computational imaging; modelling and simulation for diagnosis and interventional planning; computer-assisted and image-guided interventions.

## Group-Centered Prevention in Mental Health: Theory, Training, and Practice

by Elaine Clanton Harpine (Author)

Product details

Hardcover: 184 pages

Publisher: Springer; 2015 edition (31 July 2015)

Language: English

ISBN-10: 3319191012

ISBN-13: 978-3319191010 Price: 59.41GBP



This book presents the concept of group-centered prevention and provides explanations and exercises for learning the method and teaching it to others. Detailed studies offer evidence for the continuing importance of prevention in mental well-being and distinguishes group-centered prevention from other group interventions by its ability to resolve incipient mental health issues and emotional problems. Case examples with adults, children, couples, and others demonstrate successful uses of group-centered techniques as well as illustrate the problems that arise in group settings. The book's ready-to-apply training exercises give prospective group leaders practice in starting new groups, fostering cohesion, integrating therapeutic factors into sessions, and other core skills.

## Global Climate Change and Human Health: From Science to Practice 1st Edition

by George Luber (Editor), Jay Lemery (Editor)

**Price \$92.00** Paperback: 570 pages

Publisher: Jossey-Bass; 1 edition (November 2, 2015)

Language: English

ISBN-10: 1118505573

ISBN-13: 978-1118505571



Learn the foundations of climate science and human health

Global Climate Change and Human Health examines the environmental crisis from a public health and clinical health perspective, giving students and clinicians the information they need to prepare for the future of health care. Edited by George Luber, associate director for climate change at the Centers for Disease Control and Prevention, and Jay Lemery, associate professor at the University of Colorado School of Medicine and section chief of Wilderness and Environmental Medicine in the Department of Emergency Medicine, and including chapters written by luminaries in the field, this landmark book provides a comprehensive introduction to climate change and health. Students will learn about climate changes direct effect on health, including extreme weather events, altered and degraded ecosystems, and threats to human security and welfare. Discussions on mitigation and adaptation strategies, including disease surveillance, communications, and greening health care, as well as a primer on the core concepts of climate change science are presented. Each chapter has a specific section on the clinical correlations of the impact of climate change on health. Informative illustrations depict increasing aeroallergens, shifting vector habitats, emergent risks, and more. Visual teaching materials broken down by chapter (including PowerPoint lecture slides) are available for instructors.

This book shows how human health will be —and already has been — affected and how health care practitioners need to start preparing. Understand the science behind climate change and climate variability

Learn how the availability of food and clean water will affect public health

Consider the diseases that will surge as vector populations swell

Discover mitigation strategies targeted toward the health care community

Understanding how climate change affects human rights and how international institutions are responding

Increased temperatures bring algal blooms that threaten clean water. Degraded air quality brings allergies, asthma, and respiratory diseases. Ground pollutants lower the nutritional value of food crops. It's clear that climate change is very much a public health concern, and Global Climate Change and Human Health helps those preparing to be on the front lines of health care.

## **Preventive and Predictive Genetics: Towards Personalised Medicine (Advances in Predictive, Preventive and Personalised Medicine) Hardcover – 31 Jul 2015**

by Godfrey Grech (Editor), Iris Grossman (Editor)

### Product details

Hardcover: 400 pages

Publisher: Springer; 2015 edition (31 July 2015)

Language: English

ISBN-10: 3319153439

ISBN-13: 978-3319153438



Pharmacogenomics supports personalized medicine by translating genome-based knowledge into clinical practice, offering enhanced benefit for patients and health-care systems at large. Current routine practice for diagnosing and treating patients is conducted by correlating parameters such as age, gender and weight with risks and expected treatment outcomes. In the new era of personalized medicine the healthcare provider is equipped with improved ability to prevent, diagnose, treat and predict outcomes on the basis of complex information sources, including genetic and genomic data. Targeted therapy and reliable prediction of expected outcomes offer patients access to better healthcare management, by way of identifying the therapies effective for the relevant patient group, avoiding prescription of unnecessary treatment and reducing the likelihood of developing adverse drug reactions.

## **Partnerships for Mental Health: Narratives of Community and Academic Collaboration Paperback – 12 Oct 2015**

by Laura Weiss Roberts (Editor), Daryn Reicherter (Editor), Steven Adelsheim (Editor)

### Product details

Paperback: 240 pages

Publisher: Springer; 2015 edition (12 Oct. 2015)

Language: English

ISBN-10: 3319188836

ISBN-13: 978-3319188836 Price:90 GBP



This unique title richly tells the stories of partnership and collaboration. The narrative voice of each chapter derives from the people who tell their story -- immigrants, survivors of torture, mental health experts, urban people, rural people, teachers, doctors, attorneys, students and international leaders. These authors provide emotionally powerful tales that move, affect and encourage readers. The collection of narratives is inspired by these individuals, who believe that collaboration can bring authentic mutualism, promise-keeping and innovation to address the hardest problems we face as a world community. Partnerships for Mental Health: Narratives of Community and Academic Collaboration is about the stories of innovation and collaboration occurring between community and academic partners who have undertaken among the very hardest of problems – such as the care of veterans with ravaging posttraumatic stress disorder; the care of homeless individuals with HIV, addiction and mental illness; the care of caregivers for Hispanic family members with Alzheimer’s disease; the prevention of illness in impoverished vulnerable youth; and the rescue of profoundly mentally ill earthquake survivors. In addition, this title not only also tells the story of identity

## **Theory and Practice in the Bioarchaeology of Care (Bioarchaeology and Social Theory) Hardcover – 11 Sep 2015**

by Lorna Tilley (Author)

### Product details

Hardcover: 319 pages

Publisher: Springer; 2015 edition (11 Sept. 2015)

Language: English

ISBN-10: 3319188593

ISBN-13: 978-3319188591 Price: 90 GBP



This book provides the first comprehensive introduction to, and explanation of, the theory and practice of the 'bioarchaeology of care', an original, fully theorised and contextualised case study-based approach designed to identify and interpret cases of care provision in prehistory. The applied methodology comprises four stages of analysis, each building on the content of the preceding one(s), which provide the framework for this process. Theory and Practice in the Bioarchaeology of Care is the primary source of information on this new approach and serves as a manual for its implementation. It elaborates the foundations on which the bioarchaeology of care is constructed; it leads the reader through the methodology; and it provides three detailed examples of prehistoric caregiving which illustrate how bioarchaeology of care analysis has the capacity to reveal aspects of past group and individual identity and lifeways which might otherwise have remained unknown.

## **Public Health Challenges in Contemporary China: An Interdisciplinary Perspective Hardcover – 14 Sep 2015**

by MD. Nazrul Islam (Editor)

### Product details

Hardcover: 164 pages

Publisher: Springer; 2016 edition (14 Sept. 2015)

Language: English

ISBN-10: 3662477521

ISBN-13: 978-3662477526 Price :108 GBP



This book addresses contemporary public health challenges in China from an interdisciplinary perspective. These challenges include health service system, population ageing, food safety, substance abuse and its prevention and treatment, Buddhist delivery of elderly care, the development of professional healthcare social work, and the integration of Chinese Medicine in public health. The book brings together top-notch scholars, academics and professionals in each of these research areas to explore and reveal the complex and challenging task of addressing health-related issues in China.

## **Traumatic Stress and Long-Term Recovery: Coping with Disasters and Other Negative Life Events Hardcover – 31 Aug 2015**

by Katie E. Cherry (Editor)

### Product details

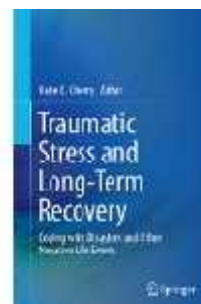
Hardcover: 460 pages

Publisher: Springer; 2016 edition (31 Aug. 2015)

Language: English

ISBN-10: 3319188658

ISBN-13: 978-3319188652 Price: 126 GBP



This evidence-rich collection takes on the broad diversity of traumatic stress, in both its causes and outcomes, as well as the wide variety of resources available for recovery. Its accessible coverage shows varied presentations of post-traumatic stress affected by individual, family, and group contexts, including age, previous trauma exposure, and presence or lack of social resources, as well as long-term psychological, physical, and social consequences. Contributors focus on a range of traumatic experiences, from environmental disasters (wildfires, Hurricane Katrina) to the Holocaust, from ambiguous loss to war captivity. And the book's final section, "Healing after Trauma," spotlights resilience, forgiveness, religion, and spirituality, using concepts from positive psychology.

## **A Life Course Perspective on Health Trajectories and Transitions (Life Course Research and Social Policies) Hardcover – 31 Aug 2015**

by Claudine Burton-Jeangros (Editor), Stéphane Cullati (Editor), Amanda Sacker (Editor)

### Product details

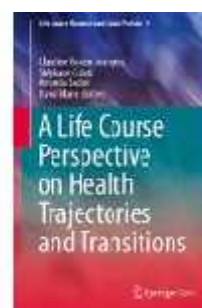
Hardcover: 220 pages

Publisher: Springer; 2015 edition (31 Aug. 2015)

Language: English

ISBN-10: 3319204831

ISBN-13: 978-3319204833 Price:44.99GP



This book examines health trajectories and health transitions at different stages of the life course, including childhood, adulthood and later life. It provides findings that assess the role of biological and social transitions on health status over time.

The essays examine a wide range of health issues, including the consequences of military service on body mass index, childhood obesity and cardiovascular health, socio-economic inequalities in preventive health care use, depression and anxiety during the child rearing period, health trajectories and transitions in people with cystic fibrosis and oral health over the life course.

## **Handbook of LGBT Elders: An Interdisciplinary Approach to Principles, Practices, and Policies Hardcover – 31 Aug 2015**

by Debra A. Harley (Editor), Pamela B. Teaster (Editor)

### Product details

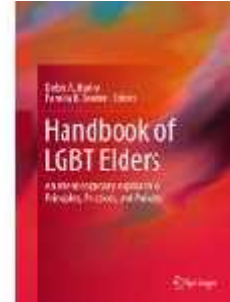
Hardcover: 712 pages

Publisher: Springer; 1st ed. 2016 edition (31 Aug. 2015)

Language: English

ISBN-10: 331903622X

ISBN-13: 978-3319036229 Price:81 GBP



This groundbreaking resource presents a wealth of findings and perspectives previously unseen in the LGBT literature. Its focus on psychological, sociopolitical and care delivery issues affecting LGBT elders reveals both the nuanced interplay between diverse sources of identity and multiple sources of stigma and discrimination.

Specific chapters highlight challenges and resiliencies impacting subpopulations (e.g., racial groups, veterans, immigrants), examine employment and advocacy issues, discuss later-life concerns in context and offer guidelines for relevant, ethical practice. Contributors represent a wide range of fields from psychiatry and gerontology to public health and public policy, reflecting the scope and needs of this diverse and complex population.

## **Regulatory Foundations for the Food Protection Professional Hardcover – 21 Jul 2015**

by Julia Bradsher (Editor), Gerald Wojtala (Editor), Craig Kaml (Editor), Christopher Weiss (Editor)

### Product details

Hardcover: 367 pages

Publisher: Springer; 1st ed. 2015 edition (21 July 2015)

Language: English

ISBN-10: 1493906496

ISBN-13: 978-1493906499 Price:67.99 GBP

Regulatory Foundations for the Food Protection Professional is a comprehensive guidebook for the entry-level food protection professional (FPP) working in either the public or private sector. The book can also serve as a foundation for students in academic programs preparing for a career in food protection. Additionally, as the Food Safety Modernization Act (FSMA) is implemented, this book will provide valuable information for countries wishing to export foods and food ingredients to the US and comply with U.S. food safety regulations.

## **Promoting Positive Youth Development: Lessons from the 4-H Study (Advancing Responsible Adolescent Development) Hardcover – 31 Jul 2015**

by Edmond P. Bowers (Editor), G. John Geldhof (Editor), Sara K. Johnson (Editor)

### Product details

Hardcover: 302 pages

Publisher: Springer; 2015 edition (31 July 2015)

Language: English

ISBN-10: 3319171658

ISBN-13: 978-3319171654 Price: 117 GBP



This book presents the results of the longitudinal 4-H Study of Positive Youth Development. The volume discusses how self-regulation and contextual resources (e.g., strong relationships with parents, peers, and the community) can be fostered in young people to contribute to the enhancement of functioning throughout life. Each chapter examines a particular aspect of youth thriving, and offers findings on either the bases or the role of positive development in a variety of outcomes, from reduced risk of emotional problems and harmful behaviors to increased participation in the community. Contributors introduce a contemporary model of positive development for diverse youth, provide examples of effective youth development programs, and suggest applications for informing the next generation of policies and practices.

## **Drug Abuse in Adolescence: Neurobiological, Cognitive, and Psychological Issues Hardcover – 31 Jul 2015**

by Denise de Micheli (Editor), Andre Luiz Monezi Andrade (Editor), Eroy Aparecida da Silva (Editor)

### Product details

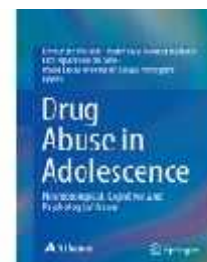
Hardcover: 226 pages

Publisher: Springer; 2016 edition (31 July 2015)

Language: English

ISBN-10: 331917794X

ISBN-13: 978-3319177946 Price: 90 GBP



Focusing on two central themes--the psychobiological evolution from youth to adult and the effects of drugs on the developing central nervous system--this important reference elucidates the mechanisms of chemical dependency in adolescents. Its multidisciplinary coverage analyzes addiction across major domains of human functioning against the backdrop of hormonal, cognitive, and other changes that accompany the transition to adulthood. Chapters discuss legal as well as illicit drugs, examine age-related social contexts, and present the latest findings on links between drug use and mental disorders.



## **Police Services: Leadership and Management Perspectives (Progress in Coronary Sinus Interventions) Hardcover – 30 Jun 2015**

by Paresh Wankhade (Editor), David Weir (Editor)

### Product details

Hardcover: 196 pages

Publisher: Springer; 2015 edition (30 Jun. 2015)

Language: English

ISBN-10: 3319165674

ISBN-13: 978-3319165677 Price: 90 GBP



This volume provides fresh insights and management understanding of the changing role of policing against the backdrop of massive cuts in public expenditure experienced and the changing landscape of policing. The challenges of funding, training, online-crimes and cultural transformation are now felt globally. The need to learn and adapt from suitable models of police service delivery have never been greater. The book offers critical insights into the theory and practice of strategic and operational management of police services and the related professional and policy aspects. One of the highlight of this volume is to bring together scholarship using experts- academics, practitioners and professionals in the field, to each of the chosen topics. The chapters are based in the practical experiences of the authors and are written in a way that is accessible and suitable for a range of audiences. We are confident that this book will cater to a wider audience to inform policy and practice, both in the UK and internationally.

## **Gender-Based Violence: Perspectives from Africa, the Middle East, and India Hardcover – 31 May 2015**

by Yanyi K. Djamba (Editor), Sitawa R. Kimuna (Editor)

### Product details

Hardcover: 264 pages

Publisher: Springer; 2015 edition (31 May 2015)

Language: English

ISBN-10: 3319166697

ISBN-13: 978-3319166698 Price: 90GP



This book offers new perspectives on gender-based violence in three regions where the subject has been taboo in everyday discourse often due to patriarchal cultural norms that limit women's autonomy. The contributions to this book provide rare insight into not only the levels and the socio-demographic determinants of domestic violence, but topics ranging from men's attitudes toward wife beating; domestic violence-related adolescent deaths, and women's health problems due to sexual and physical abuse. With a comprehensive introduction that provides a comparative international research framework for discussing gender-based violence in these three unique regions, this volume provides a key basis for understanding gender-based violence on a more global level.



## **Children's Contact with Incarcerated Parents (SpringerBriefs in Psychology)**

**Paperback – 31 May 2015**

by Julie Poehlmann-Tynan (Editor)

### Product details

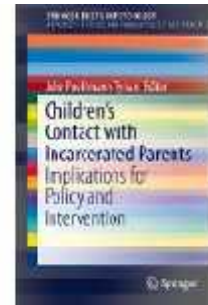
Paperback: 136 pages

Publisher: Springer; 2015 edition (13 May 2015)

Language: English

ISBN-10: 3319166247

ISBN-13: 978-3319166247 Price: 44.99 GBP



This Brief explores the potential effects of parent-child contact during incarceration on child and adult relationships, well-being, and parenting as well as corrections-related issues, such as institutional behavior and recidivism. It presents a literature review on what is currently known about parent-child contact during parental incarceration in addition to several empirical studies, followed by a summary, commentary, and briefing report. The empirical studies focus on contact in both jail and prison settings. Because jails in the United States handle more admissions per year than prisons – and studies of jailed parents and their children are not common in the literature – two of the three studies presented focus on jails. Following the empirical studies, a summary that includes recommendations for policy and intervention is presented, along with a commentary that explores what researchers need to do to make effective policy recommendations. This Brief is an essential resource for policy makers and related professionals, graduate students, and researchers in child and school psychology, family studies, public health, social work, law/criminal justice, and sociology.

## **The Transitions of Aging (International Perspectives on Aging) Hardcover – 31 May 2015**

by Suchit Arora (Author)

### Product details

Hardcover: 244 pages

Publisher: Springer; 2015 edition (31 May 2015)

Language: English

ISBN-10: 3319144022

ISBN-13: 978-3319144023 Price: 90.00 GBP



This book explores the unresolved paradox at the heart of population aging, namely how to account for the fact that death rates from most non-communicable diseases rise as people age, yet aggregate death rates from such diseases have decreased overall despite an increasingly aging population. It provides a long-term historical perspective on this issue, presenting evidence that the underpinnings of modern aging extend as far back as the nineteenth century, and that aging has boosted per capita healthcare spending.

## **Genomics Research: The Underpinning of Infections Disease Prevention and Control Strategies (Public Health Genomics (Formerly Community Genetics))**

by S. Ed Malik (Author) (in stock)

### Product details

Paperback: 74 pages

Publisher: S. Karger AG (Switzerland) (19 Mar. 2013)

Language: English

ISBN-10: 3318023752

ISBN-13: 978-3318023756 Price:1,223 THB



Infectious diseases are the second leading cause of death worldwide. Their dynamic nature due to persistent, emerging, and re-emerging infections continues to challenge health care systems around the world. In addition, individuals do not respond equally to infection, and pathogens of the same species are more disparate than once thought. It is incontrovertible that much of this diversity is attributable to genetic variation. Over the past two decades, genomics has provided remarkable insight into susceptibility, resistance, and progression of infection, yet the gap between genomics research and public health application remains large. This special issue highlights the role of genomics in advancing our understanding of host-pathogen interactions and in improving the quality of mainstay public health tools including genomic epidemiology, diagnostics/screening, and vaccines

## Chlamydial Infection: A Clinical and Public Health Perspective (Issues in Infectious Diseases) Hardcover – 19 Jun 2013

by Carolyn M., Ed. Black (Author)

### Product details

Hardcover: 161 pages

Publisher: S. Karger AG (Switzerland); 1 edition (19 Jun. 2013)

Language: English

ISBN-10: 3318023981

ISBN-13: 978-3318023985 Price: 4,965 THB



Chlamydiae are obligate intracellular bacteria that cause one of the most common sexually transmitted infectious diseases in the world. The infection disproportionately impacts women and the highest prevalence of infection is found in adolescents. Most chlamydial infections are asymptomatic. Untreated infections are sources of further spread of infection and can lead to serious consequences including pelvic inflammatory disease, infertility and chronic pelvic pain. Chlamydial infections also increase a person's susceptibility to HIV and other STDs. Featuring contributions by internationally recognized experts in epidemiology, infectious disease research and chlamydial biology, this book provides up-to-date reviews from a clinical and public health perspective on chlamydia epidemiology and control programs, genomics and pathogenicity, diagnosis, treatment, host immune responses, and the latest on the search for an effective vaccine. Also included are chapters on the impact of chlamydial infection on specific populations such as the lesbian, gay, bisexual and transgender community, and an update on the outbreak in Europe of the invasive chlamydial infection, lymphogranuloma venereum or LGV. This comprehensive publication is intended for clinicians, public health workers and scientists with interest in sexually transmitted diseases, medical microbiology, infectious diseases and clinical research.