ANIL AGGRAWAL'S

Internet Journal of Book Reviews

A sister journal of AAIJFMT · Anil Aggrawal's Internet Journal of Forensic Medicine and Toxicology

VOL. 1, NO. 2 · JULY – DECEMBER 2002

Downloaded from www.anilaggrawal.com · ISSN 0972-9674 (Online) · https://www.anilaggrawal.com/br/vol_001_no_002/reviews/ts/page001.html

Annual Review Of Public Health, VOLUME 22, 2001

THE ITEM

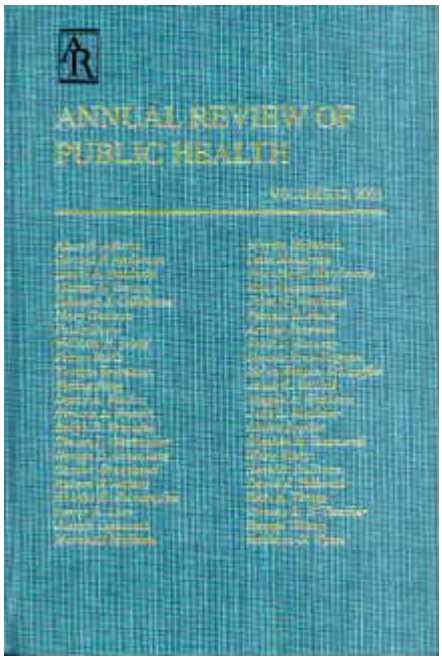
Published	2001
Pages	422
ISBN-10	0-8243-2722-5
Price	$24.95

Ref: Meena G.S. Annual Review Of Public Health, VOLUME 22, 2001 (Book Review). *Anil Aggrawal's Internet Journal of Book Reviews, 2002*; Vol. 1, No. 2 (July - December 2002): ; Published November 1, 2002, (Accessed:

Email Dr. Meena by clicking here

LUCID, INFORMATIVE, INTERESTING, AND EASY TO READ

Annual Review Of Public Health, VOLUME 22, 2001 *by* Jonathan E. Fielding, University of California at Los Angeles (Editor), Ross C. Brownson, Saint Louis University (Associate Editor), Barbara Starfield, Johns Hopkins University (Associate Editor), hard cover, 6"x9"
Annual Reviews, 4139 El Camino Way, P.O. BOX 10139, Palo Alto, California, USA : xii+422 Pages: Publication Date: 2001: ISBN 0-8243-2722-5: Price $24.95



As with any branch of medical science, Public Health is also ever changing. One not only needs to update the knowledge but also judiciously use the recent advancements and their impact on the applied aspects for the population at large. It is not always easily possible for everyone to search for and critically analyze the new research and advancements but Annual Review in Public Health (ARPH) 2001; Vol. 22 has made this possible. You find compilation of important topics reviewed and critically analyzed by eminent experts in their field with emphasis on the impact of these research/ advancements in medicine and public health.

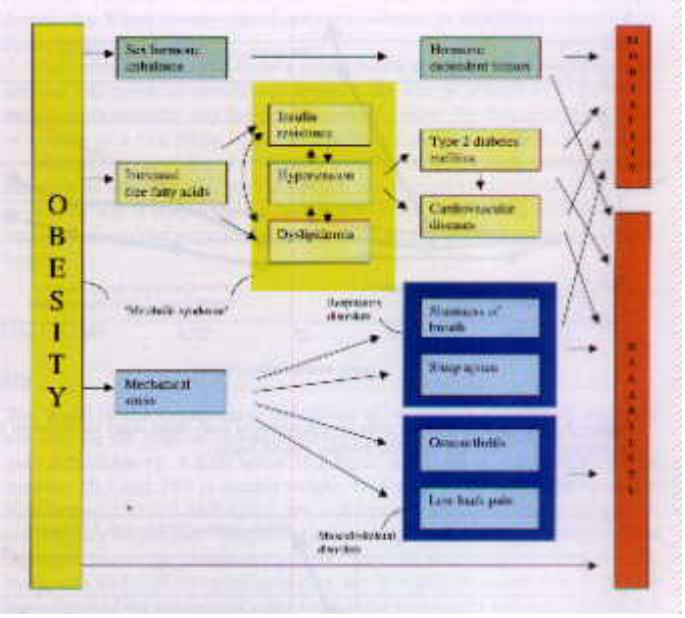
The ARPH is published by Annual Reviews a non-profit scientific publisher to promote advancements in sciences. They started with Annual Review of Biochemistry in 1932. Other than ARPH there are Annual Reviews in many branches of science and medical science like Anthropology, Biochemistry, Biomedical Engineering, Cell & Developmental Biology, Entomology, Immunology, Medicine, Neuroscience, Nutrition, Political science, Psychology, and Sociology to name some.

The "Annual Review of Public Health 2001" Edited by Jonathan E. Fielding, Ross C. Brownson, and Barbara Starfield and contributed by 44 eminent authors is the 22nd volume in ARPH series. This Hardbound reference book is printed on slightly off white pages for permanence of paper as per requirements of American National Standards for Information Sciences for Printed Library Materials.

The Contents have been divided in to six major headings: (1) Epidemiology and Biostatistics (2) Environmental and Occupational Health (3) Public Health Practice (4) Social Environment and Behavior (5) Mini-symposium on Obesity and (6) Health Services.

The economic burden of cancer and the new measures to assess the impact of cancer on Health Related Quality Of Life (HRQOL) is discussed In *The Burden Of Illness Of Cancer: Economic Cost and Quality Of Life*. HRQOL is designed to integrate the mortality and morbidity effects of disease to produce summary health status for an individual, a health plan, or an entire population at risk. The role of HRQOL in cost effectiveness analysis to evaluate health interventions in clinical trials and observational studies and for comparing competing cancer interventions is highlighted.

The book is full of color plates such as this. This one, facing page 356, depicts the public health impact of obesity.

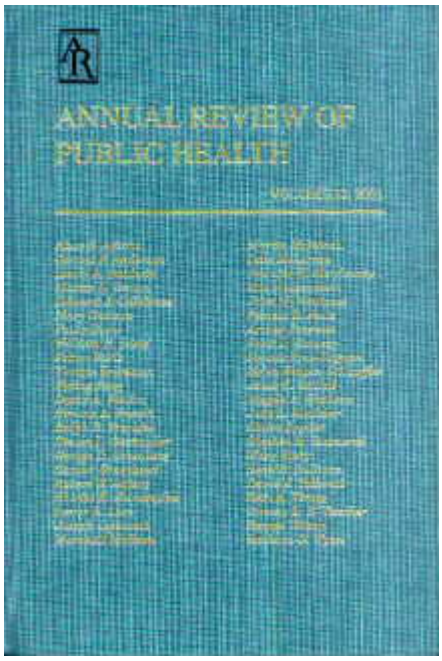


Investigators often gather repeated measures on study subjects to directly measure how a subject response changes with change in explanatory variable. The topic *Assessing Change With Longitudinal And Clustered Binary Data* deals with some statistical approaches (like Gibbs Sampling and Interactive Bootstrap Bias Correction) and issues that yield consistent estimates of the within-subject covariate effects of interest.

Design issues for conducting cost effective analysis handles the aspects related to study design of joint clinical and economic trials in relation to study perspective, hypothesis testing, sample size estimation, and methods of collecting cost & out come data. It also discusses the external validity of the cost effectiveness results of the trials. The validity, application, strength, and weakness of administrative data is discussed in *Administrative Data For Public Health Surveillance and Planning*. The occurrence, generalizability and biological significance of "Hormesis" (U-Shaped dose response relationship curve) in biological, toxicology, and public health has been described in *U-Shaped Dose Responses in Biology, Toxicology, and Public Health*. In another related topic *The Implication for Public Health Policy Regarding Toxicants* in reference to hormesis has been discussed.

The social ecology of child health and well-being highlights influence of community, neighborhood, family, school, and individual factors along with covariates viz. Gender, ethnicity, SES, family structure, and parental mental health on birth weight, educational achievements, school dropouts, criminal behavior etc. A critique of Social Capital has also been given.

Innovations in Treatment for Drug Abuse: Solutions to a Public Health Problem describes and evaluates recent innovations for effectiveness of treatment, motivation to seek care, access, retention, and cost effectiveness. The impact of consumer report cards on the behavior of consumers and purchasers reviews and evaluates 32 papers published on the topic since 1995 in peer review journals is dealt in *Consumer reports in health care: do they make a difference?*



" .. The book is lucid, informative, interesting, and easy to read as it is written in simple format. It has many tables, diagrams, color plates. ARPH is a very useful reference book for public health professionals, policy/decision makers and for those pursuing higher studies in public health. ... "

The minisymposium on obesity deals with assessment of current situation of obesity, challenges it presents, and its impact on public health. There are four important sub topics which are discussed in details (a) *Overview and Some Strategic Consideration* deals with the natural history of obesity, its importance, health related influencing factors and also influence of non health sectors. The causal web of societal influences on obesity and under weight describes the factors at international, national, community, work\school\home, and at individual level. (b) *Environmental Influence on Eating and Physical Activity* describes the eating behavior like food supply, eating out, advertisement, pricing etc. The role of physical activity/inactivity (effect of television, computers & transports) as well as potential public health interventions to combat and reverse the obesity epidemic is detailed. (c) *Preventing Obesity in Children and Adolescents* highlights the history of obesity in children & adolescents and approaches for preventive strategies based at family and school level and (d) *Public Health Impact of Obesity* stresses that the effect of obesity has more profound effect on morbidity than on mortality. This section deals with public health impact rightly stressing the morbidity (disabling nephropathy, arteriosclerosis, neuropathy and retinopathy) and mortality (cardiovascular diseases, type 2 diabetes mellitus, cancer and osteoporosis). Classification of obesity based on BMI (lower BMI for Asians and Caucasians) and other parameters have been mentioned.

U.S. spends $ 180000 for each medical resident this article described the evolution of graduate medical education funding and suggests for return for receiving public health funds

A handy cross references have been very thoughtfully provided to past Annual Reviews from volume 13 to 22 is given in the form of two indexes at the end of the book and one can search by cumulative index of contributing authors or by cumulative index of chapter titles is a great help to the readers.

The book is lucid, informative, interesting, and easy to read as it is written in simple format. It has many tables, diagrams, color plates. ARPH is a very useful reference book for public health professionals, policy/decision makers and for those pursuing higher studies in public health.

-G.S.Meena



Dr Gajendra Singh Meena was born on 25th December 1955 at pink city Jaipur in Rajasthan, India. He did his first twelve years of studies at Jaipur and medical graduation as well as post-graduation both from the prestigious All India Institute of Medical Sciences, New Delhi (AIIMSONIAN, 1974 Batch).

He has worked at AIIMS in ICMR Project, Lady Hardinge Medical College, New Delhi Dr. S.N. Medical College, Jodhpur, Rajasthan. He has more than seventeen years of UGs & PGs teaching experience as a faculty member in Community Medicine (Preventive and Social Medicine).

Presently he is working as Professor in the Department of Community Medicine at Maulana Azad Medical College, New Delhi, India. He has published ten papers, attended a dozen conferences, and presented papers there. His fields of research interests are prevention and control of communicable diseases and Epidemiology of non-communicable diseases.

Order this Book by clicking here

For the review of Volume 19, 1998, please click here.

For the review of Volume 20, 1999, please click here.

For the review of Volume 21, 2000, please click here.

For the review of Volume 23, 2002, please click here.

-Editor-in-Chief

of Volume 1, No. 2 (July - December 2002)