Amresh Srivastava University Of Western Ontario

This is the fifth and final volume in a series of books examining the problem of suicide around the world and how suicide can be prevented. There are many groups of individuals that have been the focus of special interest. Part One of this volume presents current research and interventions for these groups, including those who have chronic medical illnesses, who are homeless and who are very young. Suicide in the workplace and in jails and prisons presents particular problems for mental health professionals, and the problems involved in preventing suicide in these situations are discussed. Part Two presents discussions of issues that have been of particular concern in recent years, such as whether antidepressants precipitate suicidal behaviour in some people as well as preventing it in others and the complex issues involved in physician-assisted suicide.

Urolithiasis is a common and ever-increasing problem all over the world. During the last few decades, percutaneous nephrolithotomy (PCNL) has become the preferred treatment method for moderate and large volume upper tract urinary calculi. In recent years, there have been groundbreaking advances in the field of percutaneous renal surgery in the form of minimally invasive percutaneous nephrolithotomy. Various techniques have been described over the years in the area, which have improved the results of percutaneous nephrolithotomy surgery while reducing the complication rate and morbidity. This book provides a broad, state-of-the-art review in the field of minimally-invasive percutaneous nephrolithotomy. It serves as a valuable resource for Urologists, endourology fellows, and researchers interested in mini-percutaneous nephrolithotomy. The book reviews the latest data about percutaneous management of Urolithiasis from the world over, various classification systems for mini-percutaneous nephrolithotomy, armamentarium, different techniques, and multiple advances, plus the results including complications. This book serves as a valuable resource for urologists dealing with and interested in learning the newer advances in percutaneous renal surgery. It delivers a comprehensive summary of the current status of minimally-invasive percutaneous nephrolithotomy in the management of Urolithiasis. All the chapters have been written by experts in minimally invasive percutaneous nephrolithotomy and present the most recent scientific data.

The representation of the Muslims as threatening to India's body politic is central to the Hindu nationalist project of organizing a political movement and normalizing anti-minority violence. Adopting a critical ethnographic approach, this book identifies the poetics and politics of fear and violence engendered within Hindu nationalism.

This book analyzes schizophrenia management in the context of recent clinical therapeutic advances that have transformed the measurements and outcomes landscape. Unlike any other resource, this volume carefully develops the social and clinical guidelines that affect the life of the patient and defines its role in schizophrenia treatment outcomes. The text begins by determining the concepts, development, neuroscience, and guidelines for positive outcomes before analyzing the gaps in the literature. The text addresses medical concerns in relation to outcomes in schizophrenic patients, including substance use, impact from antipsychotic medications, and medical comorbidities. The text also covers external determinants that may inhibit positive outcomes, including cultural factors, stigma, and environmental issues. Written by experts in schizophrenia care, this book compiles sound research, current clinical trends, and modern measurement markers into a well-organized compendium that delivers this data into a practical guide for measuring treatment outcomes in patients suffering from the disease. Schizophrenia Treatment Outcomes is the ultimate guide for psychiatrists, psychologists, nurses, social workers, and all medical practitioners interested in improving outcomes for schizophrenia patients.

The new edition of this popular handbook has been thoroughly updated to include the latest data concerning treatment of first-episode patients. Drawing from their experience, the authors discuss the presentation and assessment of the first psychotic episode and review the appropriate use of antipsychotic agents and psychosocial approaches in effective management.

This book features selected papers presented at the 2nd International Conference on Advanced Computing Technologies and Applications, held at SVKM's Dwarkadas J. Sanghvi College of Engineering, Mumbai, India, from 28 to 29 February 2020. Covering recent advances in next-generation computing, the book focuses on recent developments in intelligent computing, such as linguistic computing, statistical computing, data computing and ambient applications.

In recent decades, India has been witness to the assertion of geographically, culturally and historically constituted distinct and well-defined regions that display ethnic, communal, caste and other social–political cleavages. This book examines the changing configurations of state politics in India. Focussing on identity politics and development, it explores the specificities of the regions within states — not merely as politico-administrative constructs but also as conceived in historical, geographic, economic, sociological or cultural terms. Adopting a comparative approach, the book looks at alternative theoretical approaches — the quest for homeland, identity, caste politics and public policy. This second edition includes a new Introduction that updates the research in the area, while further developing the theoretical framework. One of the first major volumes on federalism in India, including studies from across the nation, this book will be indispensable for students and scholars of political science, sociology, history and South Asian studies.

Despite advances in molecular genetics and brain imaging, we are still a long way from understanding the cause of schizophrenia. Williamson argues that it is time to focus on identifying the final common pathway. He describes the possibilities for this pathway at an understandable level in the context of what is already known about schizophrenia. While there are no preferred models, a pattern is emerging which implicates structures in the brain known to be important in integrating perception, cognition, and affect.

This book comprises select peer-reviewed papers from the International Conference on VLSI, Communication and Signal processing (VCAS) 2019, held at Motilal Nehru National Institute of Technology (MNNIT) Allahabad, Prayagraj, India. The contents focus on latest research in different domains of electronics and communication engineering, in particular microelectronics and VLSI design, communication systems and networks, and signal and image processing. The book also discusses the emerging applications of novel tools and techniques in image, video and multimedia signal processing. This book will be useful to students, researchers and professionals working in the electronics and communication domain.

This monograph presents the pediatric portion of the National Institutes of Health (NIH) Toolbox Cognition Battery (CB) of the NIH Toolbox for the Assessment of Neurological and Behavioral Function. The NIH Toolbox is an initiative of the Neuroscience Blueprint, a collaborative framework through which 16 NIH Institutes, Centers, and Offices jointly support neuroscience-related research, to accelerate discoveries and reduce the burden of nervous system disorders. The CB is one of four modules that measure cognitive, emotional, sensory, and motor health across the lifespan. The CB is unique in its continuity across childhood, adolescence, early adulthood, and old age, and in order to help create a common currency among disparate studies, it is also available at low cost to researchers for use in large-scale longitudinal and epidemiologic studies. Chapter 1

describes the evolution of the CB; methods for selecting cognitive subdomains and instruments; the rationale for test design; and a validation study in children and adolescents, ages 3 to 15 years. Subsequent chapters feature detailed discussions of each test measure and its psychometric properties (Chapters 2–6), the factor structure of the test battery (Chapter 7), the effects of age and education on composite test scores (Chapter 8), and a final summary and discussion (Chapter 9). As the chapters in this monograph demonstrate, the CB has excellent psychometric properties, and the validation study provided evidence for the increasing differentiation of cognitive abilities with age.

This book comprises select proceedings of the International Conference on VLSI, Communication and Signal processing (VCAS 2018). It looks at latest research findings in VLSI design and applications. The book covers a wide range of topics in electronics and communication engineering, especially in the area of microelectronics and VLSI design, communication systems and networks, and image and signal processing. The contents of this book will be useful to researchers and professionals alike.

A directory to the universities of the Commonwealth and the handbook of their association.

Psychoendocrinology covers the advances in the field of biology and the development of highly refined measurement techniques for hormones. The book discusses the partitioning of neuroendocrine steroids and peptides between vascular and cerebral compartments; the mechanisms of the female reproductive behavior; and the sensory, hormonal, and neural determinant of maternal behavior. The text describes the effects of sexual behavior on gonadal function in rodents; the hormonal regulation of learning performance; and the hormonal modulation of memory. The psychobiological perspective on the psychoneuroendocrinology of stress and the behavioral effects of the endogenous opioids are also considered. The book further tackles the hormonal interactions on temperature regulation and temperature regulation under modified physiological states. Endocrinologists, psychobiologists, neurologists, neurobiologists, and students taking related courses will find the book useful.

The book represents the culmination of a hugely successful heritage preservation project initiated by the Government of India's Department of Science and Technology. It presents extensive research on the digital preservation of the history, mythology, art, architecture and culture of the world heritage site Hampi in Karnataka, the seat of the Vijayanagara dynasty in medieval India. Further, the book introduces readers to a range of techniques developed by Indian technical research groups for digitally preserving both the tangible and intangible cultural heritage of the region. These techniques are sufficiently generic to be applied in heritage preservation efforts for other historical sites around the world as well. Technological advances have made it possible to not only create digital archives of these heritage artifacts, but to also share these resources for people to view, explore, experience, and analyze. This book showcases how cutting-edge technology can be combined with cultural and historical research to digitize and preserve heritage. It is the consolidation of work conducted under the Indian Digital Heritage project, a unique initiative of the Department of Science & Technology (DST), Government of India. The project involved collaboration between researchers in the areas of Technology, Computer Science, Architecture and the Humanities for the digital documentation and interpretation of India's tangible and intangible heritage. It highlights the art, architecture, and cultural legacy of the world heritage site of Hampi in Karnataka, the medieval capital of the 14th-16th century Vijayanagara dynasty. The contributors to this book are scientists and technology experts from prominent academic institutes in India such as the IITs (Indian Institutes of Technology), NIIT, and NID (National Institute of Design) working in collaboration with some of India's top architects, art historians, anthropologists, heritage groups and multi-disciplinary cultural institutions such as the National Institute of Advanced Studies (NIAS). Their papers will introduce readers to cutting-edge technologies from research areas such as computer vision, 3D modeling and artificial intelligence as they are employed to preserve art and culture in the digital domain. The book is divided into four parts. Part 1 details efforts and techniques for modeling and representing the tangible heritage of Hampi, such as the reconstruction of damaged structures, realistic walk-throughs, and haptic rendering. Part 2 includes chapters detailing the analysis and digital restoration of artifacts such as mural paintings, inscriptions and sculptures, as well as mobile-based visual search for artifacts. Part 3 includes chapters on conjectural re-constructions of the architectural life, social life and traditions of Hampi. Lastly, Part 4 addresses the knowledge-based archiving and exploration of cultural heritage.

"In this book, Stephen P. Hinshaw examines the long-standing tendency to stigmatize those with mental illness. He also provides practical, multilevel strategies for overcoming this serious problem, including enlightened social policies that encourage contact with those afflicted, media coverage emphasizing their underlying humanity, family education, and responsive treatment."--Jacket.

Suicide remains one of the most pressing public health concerns across the world. Expensive in terms of the human cost and associated suffering, the economic costs, the social costs and the spiritual costs, it affects millions of people every year. This important reference work collects together a wide range of research around suicide and suicide prevention, in order to guide future research and provide guidance for professionals about the best way to respond meaningfully to suicidal patients. Responding to the need for multi-disciplinary and international research to deepen our understanding of suicide, it demonstrates where our knowledge is firmly evidence-based and where new areas for research are emerging, as well as highlighting where we know little. Divided into six parts, each with its own editorial introduction and commentary, it explores research with and about survivors of suicide and indigenous populations. The remaining sections look at suicide-focused research in psychiatric nursing, psychiatry, psychology, and social work and allied health. It is of interest to all advanced students, practitioners and scholars interested in suicide and its impact and prevention.

A turbulent romance… buffeted by intrigues The tale of a lady doctor's romance with a software engineer that takes treacherous turns when her father remarries. Can their romance weather all the storms to find true love?

The book is the result of several years of collaboration between experts from more than 19 countries and researchers in the Department of Social Medicine at Harvard Medical School. The authors examine key findings on mental illness and mental health services; suicide; substance abuse; the mental health problems of women, children and the elderly; violence; dislocation; and health-related behavior in Asia, Latin America, Africa and the Middle East. They recommend new actions in mental health services, in public health and public policy, as well as an agenda for research. For all who are interested in the global context of mental health and in development, this very readable volume with its numerous case studies, illustrations and tables will be an invaluable resource.

Presenting a vivid historical account of the contributions that black psychiatrists have made to American psychiatry, this important book documents the growth and influence of the group in tandem with the advancement of the field as a whole. It provides us with a deep appreciation for what these pioneers accomplished and the hurdles they overcame. Spurlock and the book's many distinguished contributors provide an overview of the history spanning generations and various areas of psychiatry. This volume documents early and contemporary pioneers and their contributions to modern psychiatry. Surveys of black psychiatrists in academia, child psychiatry, psychiatric research, forensic psychiatry, and psychoanalysis provide an enlightening view of their experiences. From a collection of descriptive essays, readers can step into the shoes of several pioneers and experience how they lived. These personal reflections provide enormous insight into the history of American psychiatry. Finally, the book addresses current mental health issues affecting African Americans as well as the barriers black psychiatrists face and the coping mechanisms they use. This work should be of particular interest to psychiatry students or residents and to anyone interested in the history of American psychiatry. It discusses the widening opportunities for professional growth for black psychiatrists and the important place black psychiatrists have reached in the present mental health arena.

The treatment of early psychosis has been bedevilled by an entrenched pessimism, stemming from the asylum era and the Kraepelinian model of schizophrenia. More recently, however, there has been a surge of interest in preventively oriented treatment of patients showing the first signs of psychotic illness, with the realization that these illnesses are frequently highly responsive to early treatment. This is the first text to focus on the potential of early detection of psychosis, and the practicalities of treatment. Based on the pioneering experience and research of a now well-established prevention and intervention centre, and with contributions from international authorities, the book outlines a framework for intervention, reviews the evidence available to guide clinical practice, and describes models of treatment. Incorporating many personal narratives and case histories, it is strong on theory, sensitive on practical issues, and will challenge, inform and guide clinicians.

Routledge International Handbook of Clinical Suicide ResearchRoutledge

Leishmania parasites plague the mammalian host causing high morbidity and mortality. The parasites persist in the hostile milieu, crippling its defensive arsenal. In the face of mounting resistance to an antiquated drug arsenal, new approaches are urgently desired to keep the infection at bay. Furthermore, to strengthen the leishmaniasis elimination drive, particular emphasis has to be laid on identification of new targets and vaccination strategies. This book gives a brief glimpse of the epidemiology of leishmaniasis, immune evasion, vaccination, and therapeutic modalities that may work by untangling the immunological cross-wires of pathogenic cross-talk. The Conventional treatment and its drawbacks, the prospects of phytotherapy and nanomedicines, are also discussed. The identification of drug targets with the aim of designing inhibitors is also exemplified.

Teaches the reader how to identify and treat catatonia successfully, and describes its neurobiology.

From this perspective, neuropsychiatric disorders are selective failures of brain networks involved in the integration of cognition, affect, and perception. A better understanding of these brain networks will guide the search for environmental factors, genetic correlates, and more effective treatments for these disorders. This volume will be of great interest to psychiatrists, neurologists, psychologists, biologists, and imaging scientists-anyone who has ever wondered what makes the human brain human. --Book Jacket.

The volume contains 75 papers presented at International Conference on Communication and Networks (COMNET 2015) held during February 19–20, 2016 at Ahmedabad Management Association (AMA), Ahmedabad, India and organized by Computer Society of India (CSI), Ahmedabad Chapter, Division IV and Association of Computing Machinery (ACM), Ahmedabad Chapter. The book aims to provide a forum to researchers to propose theory and technology on the networks and services, share their experience in IT and telecommunications industries and to discuss future management solutions for communication systems, networks and services. It comprises of original contributions from researchers describing their original, unpublished, research contribution. The papers are mainly from 4 areas – Security, Management and Control, Protocol and Deployment, and Applications. The topics covered in the book are newly emerging algorithms, communication systems, network standards, services, and applications.

While there are a number of books on positive psychology, Positive Psychiatry is unique in its biological foundation and medical rigor and is the only book designed to bring positive mental health ideas and interventions into mainstream psychiatric research, training, and clinical practice. After an overview describing the definition, history, and goals of positive psychiatry, the contributors—pioneers and thought leaders in the field—explore positive psychosocial factors, such as resilience and psychosocial growth; positive outcomes, such as recovery and well-being; psychotherapeutic and behavioral interventions, among others; and special topics, such as child and geriatric psychiatry, diverse populations, and bioethics. The book successfully brings the unique skill sets and methods of psychiatry to the larger positive health movement. Each chapter highlights key points for current clinical services, as practiced by psychiatrists, primary care doctors, and nurses, as well as those in allied health and mental health fields. These readers will find Positive Psychiatry to be immensely helpful in bringing positive mental health concepts and interventions into the clinical arena.

Suicide is the cause of death for nearly one million people per year. Attempts at suicide, estimated to be ten times more frequent than completed suicide, often cause permanent impairment

and disability. Suicide can stigmatise families across generations. The loss of life caused by suicide presents a significant loss for the communities in which it occurs -- socially, economically and by blocking progress towards the creation of a civic society. The availability of an assembly of carefully and critically presented facts in the form of chapters responding to specific problems can help in the education of health professionals and provide them with data that they can use in developing proposals for action. This book draws attention to methods of work that have been tried elsewhere and found useful.

Before the concept of history began, humans undoubtedly acquired life benefits by discovering medicinal and aromatic plants (MAPs) that were food and medicine. Today, a variety of available herbs and spices are used and enjoyed throughout the world and continue to promote good health. The international market is also quite welcoming for MAPs and essential oils. The increasing environment and nature conscious buyers encourage producers to produce high quality essential oils. These consumer choices lead to growing preference for organic and herbal based products in the world market. As the benefits of medicinal and aromatic plants are recognized, these plants will have a special role for humans in the future. Until last century, the production of botanicals relies to a large degree on wild-collection. However, the increasing commercial collection, largely unmonitored trade, and habitat loss lead to an incomparably growing pressure on plant populations in the wild. Therefore, medicinal and aromatic plants are of high priority for conservation. Given the above, we bring forth a comprehensive volume, "Medicinal and Aromatic Plants: Healthcare and Industrial Applications," highlighting the various healthcare, industrial and pharmaceutical applications that are being used on these immensely important MAPs and its future prospects. This collection of chapters from the different areas dealing with MAPs caters to the need of all those who are working or have interest in the above topic.

Suicide is the cause of death for nearly one million people per year. Death by suicide is often reported as being due to other causes to avoid stigmatization and other negative consequences of suicide for the family. It can, therefore, be assumed that the number of people who commit suicide is in actuality much higher than the given number. Attempts at suicide, estimated to be ten times more frequent than completed suicide, often cause permanent impairment and disability. The loss of life caused by suicide presents a significant loss for the communities in which it occurs socially, economically and by blocking progress towards the creation of a civic society. This book brings together current knowledge about suicide, its causes and its prevention, which is a useful tool for public health efforts and for clinicians daily work. The present volume focuses on assessing risk and treating suicidal patients.

This handy DSM-5® Classification provides a ready reference to the DSM-5 classification of disorders, as well as the DSM-5 listings of ICD-9-CM and ICD-10-CM codes for all DSM-5 diagnoses. To be used in tandem with DSM-5® or the Desk Reference to the Diagnostic Criteria From DSM-5®, the DSM-5® Classification makes accessing the proper diagnostic codes quick and convenient. With the advent of ICD-10-CM implementation in the United States on October 1, 2015, this resource provides quick access to the following: * The DSM-5® classification of disorders, presented in the same sequence as in DSM-5®, with both ICD-9-CM and ICD-10-CM codes. All subtypes and specifiers for each DSM-5® disorder are included.* An alphabetical listing of all DSM-5 diagnoses with their associated ICD-9-CM and ICD-10-CM codes.* Separate numerical listings according to the ICD-9-CM codes and the ICD-10-CM codes for each DSM-5® diagnosis.* For all listings, any codable subtypes and specifiers are included with their corresponding ICD-9-CM or ICD-10-CM codes, if applicable. The easy-to-use format will prove indispensable to a diverse audience -- for example, clinicians in a variety of fields, including psychiatry, primary care medicine, and psychology; coders working in medical centers and clinics; insurance companies processing benefit claims; individuals conducting utilization or quality assurance reviews of specific cases; and community mental health organizations at the state or county level.

Today's practice of psychiatric administration is totally different from that in past years because of the vast changes sweeping the health care and behavioral health care sectors. Reflecting these changes, this completely revamped second edition contains all-new chapters by 68 contributors (most new to this edition). This definitive textbook provides the practitioner and student of administration in behavioral healthcare with an up-to-date compendium focused on five central issues that represent the framework of the debate that will guide the evolution of behavioral health care during the next few years An overview of the evolving behavioral health system, from the rich legacy of the community mental health movement mandated by federal legislation in the 1960s to today's paradigm, which is instead driven by the marketplace phenomena of managed care, information systems, and consumer empowerment. Core and new administrative psychiatry concepts and new roles for behavioral health players, including organizational theories, leadership requirements, planning models, and information system solutions, as well as new models of program evaluation and quality management and innovations in training and human resource development. How selected behavioral health systems are changing and the trend toward integrated systems, addressing the challenge of delivery system configuration and integrated service delivery as the system evolves from cost-based fee for service to managed care settings, as well as important new roles for psychiatric administrators in behavioral health network establishment and maintenance, staffing, capitated financing, population-based care, and outcome management. A comprehensive overview of the current system, from hospitals (including VA and military services) to county mental health departments, child and family service agencies, and HMOs, with new roles for everyone -- psychiatrists, administrators, and mental health clinicians as well as consumers and their families -- in the consumer-focused health care systems of the future. Law and ethics, which includes prisons and civil law issues and considers the special challenge of working within a field where innovation, science, and the marketplace are running well ahead of the legal and bioethics communities. Offering an in-depth study of areas never before covered, this extensively referenced volume concludes with a discussion of future issues in administrative psychiatry, as the "disruptive technologies" that forced the restructuring of banking, automobile manufacturing, consumer electronics, and other industries start to have an impact on health care. Broad in appeal as well as scope, this unique reference will find a worldwide audience -- from administrators facing the challenges of designing and administering a cost-efficient, effective care system to trainees studying for certification, and nearly everyone in between: from social workers to medical directors, staff psychiatrists, nurses, and middle managers of private and public psychiatric hospitals and behavioral health managed care organizations.

Paradigms Lost challenges key paradigms currently held about the prevention or reduction of stigma attached to mental illness using evidence and the experience the authors gathered during the many years of their work in this field. Each chapter examines one currently held paradigm and presents reasons why it should be replaced with a new perspective. The book argues for enlightened opportunism (using every opportunity to fight stigma), rather than more time consuming planning, and emphasizes that the best way to approach anti-stigma work is to select

targets jointly with those who are most concerned. The most radical change of paradigms concerns the evaluation of outcome for anti-stigma activities. Previously, changes in stigmatizing attitudes were used as the best indicator of success. Paradigms Lost and its authors argue that it is now necessary to measure changes in behaviors (both from the perspective of those stigmatized and those who stigmatize) to obtain a more valid measure of a program's success. Other myths to be challenged: providing knowledge about mental illness will reduce stigma; community care will de-stigmatize mental illness and psychiatry; people with a mental illness are less discriminated against in developing countries. Paradigms Lost concludes by describing key elements in successful anti stigma work including the recommended duration of anti-stigma programmes, the involvement of those with mental illness in designing programmes, and the definition of programmes in accordance with local circumstances. A summary of weaknesses of currently held paradigms and corresponding lists of best practice principles to guide future anti-stigma action and research bring this insightful volume to an apt conclusion.

Same-Sex Love in India presents a stunning array of writings on same-sex love from over 2000 years of Indian literature. Translated from more than a dozen languages and drawn from Hindu, Buddhist, Muslim, and modern fictional traditions, these writings testify to the presence of same-sex love in various forms since ancient times, without overt persecution. This collection defies both stereotypes of Indian culture and Foucault's definition of homosexuality as a nineteenth-century invention, uncovering instead complex discourses of Indian homosexuality, rich metaphorical traditions to represent it, and the use of names and terms as early as medieval times to distinguish same-sex from cross-sex love. An eminent group of scholars have translated these writings for the first time or have re-translated well-known texts to correctly make evident previously underplayed homoerotic content. Selections range from religious books, legal and erotic treatises, story cycles, medieval histories and biographies, modern novels, short stories, letters, memoirs, plays and poems. From the Rigveda to Vikram Seth, this anthology will become a staple in courses on gender and queer studies, Asian studies, and world literature.