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The Encyclopedia of Personality and Individual Differences (EPID) beschäftigt sich in vier Bänden mit Gemeinsamkeiten und Unterschieden bei Individuen. Jeder Band konzentriert sich auf einen wichtigen Themenbereich bei der Untersuchung der Persönlichkeitspsychologie und den Unterschieden von Individuen. Der erste Band mit dem Titel Models and Theories betrachtet die wichtigsten klassischen und modernen Standpunkte, Perspektiven, Modelle und theoretischen Ansätze im Studium der Persönlichkeit und Unterschiede von Individuen. Der zweite Band, Measurement and Assessment, untersucht die wesentlichen klassischen und modernen Beurteilungsmethoden und -techniken. Der dritte Band mit dem Titel Personality Processes and Individual Differences erläutert die traditionellen und aktuellen Dimensionen, Konstrukte und Merkmale der Studienrichtung. Im vierten Band werden drei Hauptkategorien behandelt: klinische Zuarbeit, angewandte Forschung und interkulturelle Betrachtungen. Darüber hinaus werden Themen wie Kultur und Identität, multikulturelle Identitäten, interkulturelle Untersuchungen von Merkmalsstrukturen und Persönlichkeitsprozesses u. v. m. behandelt. - Jeder Band enthält rund 100 Einträge zu Persönlichkeit und individuellen Unterschieden. Die Beiträge stammen von international führenden Psychologen. - Beschäftigt sich mit wichtigen klassischen und zeitgenössischen Modellen und Theorien der Persönlichkeitspsychologie, mit Mess- und Beurteilungsverfahren, Persönlichkeitsprozessen und Unterschieden bei Individuen sowie mit Forschungsansätzen. - Bietet einen umfassenden und ausführlichen Überblick über die Persönlichkeitspsychologie. - The Encyclopedia of Personality and Individual Differences ist ein wichtiges Referenzwerk für Studenten der Psychologie und

Fachexperten, die sich mit der Untersuchung und Erforschung von Persönlichkeit beschäftigen. The use of technology for workplace and occupational testing blossomed in the early years of this century. This book offers a demonstration that the first generation of these technologies have now been implemented long enough to observe the patterns and issues that emerge when these approaches evolve through technical advancement and successive application. A new set of issues and opportunities has emerged and the next generation of these applications is now coming of age. This book reflects on the last few decades of this evolutionary process from a vantage point of global experience across a wide range of workplace applications, including employment selection, development, and occupational certification. The themes and issues that arise as this broad treatment unfolds provide an essential foundation for students, researchers, and professionals who are involved with the assessment of human capability and potential in organizational and workplace contexts. With the evolution of digitized data, our society has become dependent on services to extract valuable information and enhance decision making by individuals, businesses, and government in all aspects of life. Therefore, emerging cloud-based infrastructures for storage have been widely thought of as the next generation solution for the reliance on data increase. Data Intensive Storage Services for Cloud Environments provides an overview of the current and potential approaches towards data storage services and its relationship to cloud environments. This reference source brings together research on storage technologies in cloud environments and various disciplines useful for both professionals and researchers. Volume 4, Clinical, Applied, and Cross-Cultural Research of The Wiley Encyclopedia of Personality and Individual Differences The Encyclopedia of Personality and Individual Differences (EPID) is organized into four volumes that look at the many likenesses and differences between individuals. Each of these four volumes focuses on a major content area in the study of personality psychology and individuals' differences. The first volume, Models and Theories, surveys the significant classic and contemporary viewpoints, perspectives, models, and theoretical approaches to the study of personality and individuals' differences (PID). The second volume on Measurement and Assessment examines key classic and modern methods and techniques of assessment in the study of PID. Volume III, titled Personality Processes and Individuals Differences, covers the important traditional and current dimensions, constructs, and traits in the study of PID. The final volume discusses three major categories: clinical contributions, applied research, and cross-cultural considerations, and touches on topics such as culture and identity, multicultural identities, cross-cultural examinations of trait structures and personality processes, and more. Each volume contains approximately 100 entries on personality and individual differences written by a diverse international panel of leading psychologists. Covers significant classic and contemporary personality psychology models and theories, measurement and assessment techniques, personality processes and individuals differences, and research. Provides a comprehensive and in-depth overview of the field of personality psychology. The Encyclopedia of Personality and Individual Differences is an important resource for all psychology students and professionals engaging in the study and research of personality. To effectively serve minority clients, clinicians require a double understanding: of both evidence-based practice and the cultures involved. This particularly holds true when working with Asian-Americans, a diverse and growing population. The Guide to Psychological Assessment with Asians synthesizes real-world challenges, empirical findings, clinical knowledge and common-sense advice to create a comprehensive framework for practice. This informed resource is geared toward evaluation of first-generation Asian

Americans and recent immigrants across assessment methods (self-report measures, projective tests), settings (school, forensic) and classes of disorders (eating, substance, sexual). While the Guide details cross-cultural considerations for working with Chinese-, Japanese-, Korean and Indian-American clients, best practices are also included for assessing members of less populous groups without underestimating, overstating or stereotyping the role of ethnicity in the findings. In addition, contributors discuss diversity of presentation within groups and identify ways that language may present obstacles to accurate evaluation. Among the areas covered in this up-to-date reference: Structured and semi-structured clinical interviews. Assessment of acculturation, enculturation and culture. IQ testing. Personality disorders. Cognitive decline and dementia. Mood disorders and suicidality. Neuropsychological assessment of children, adolescents and adults. Culture-bound syndromes. Designed for practitioners new to working with Asian clients as well as those familiar with the population, *Guide to Psychological Assessment with Asians* is exceedingly useful to neuropsychologists, clinical psychologists, health psychologists and clinical social workers. Highlights from one of the most successful international psychology conferences since the beginning of this century, *Diversity in Harmony* distills the Proceedings of the 31st International Congress of Psychology into selected readings that highlight the Congress's theme. The text includes research that offers recent insights gained from multidisciplinary perspectives and methodologies. The volume also contains chapters that put psychology at the center of our understanding and ability to address the many problems facing groups and individuals in modern society. As the contributors clearly show, the social problems often require multidisciplinary approaches. With contributions from experts from around the globe, the book explores a wealth of topics that examine new synergies such as artificial empathy, prosocial primates and understanding about others' actions in chimpanzees and humans. The volume also contains readings on psychology confronting societal challenges with topics including: Culturally relevant personality assessment; Emotion-related self-regulation and Children's social, psychological and academic functioning. This vital resource: Presents readings from presentations that were highlighted at the 31st International Congress of Psychology Includes contributions from an international panel of renowned experts Offers information that compares the minds of primates and contemporary humans, and examines human cognitive capability Contains 24 chapters that explore a wide range of topics presented at the Congress Written for professionals and students in the field, *Diversity in Harmony* is filled with contributions from noted experts and offers a reflection of the state of psychology in the second decade of the 21st century. This is the second of two volumes collecting the key proceedings of the 30th International Congress of Psychology, the first to be held in Africa in the 123 years of its history. The theme of the conference was "Psychology Serving Humanity", a recognition of psychology's unfulfilled mission in the majority world and a reflection of what that world requires from psychology. Mainstream Psychology finds its largest number of exponents and leading personalities in the high income countries of the global West. The Other Psychologies, referred to by different names, are scattered across the rest of the world. Some of the names of these other forms of Psychology include indigenous Psychology. The main driver of indigenous and other forms of non-mainstream Psychology is the endeavour to embed the discipline in the dynamics of local societies. Psychology has entered an interesting era, however. While the dominant philosophy underpinning the discipline remains Western, Psychology in the majority world in 2000s may have reached a tipping point. It took over a hundred years but the 2004 and 2012 International Congresses of Psychology held in China and South Africa heralded a newfound possibility for

the discipline. There is an opening of the field to potentially new thought and forms of the practice of Psychology. These proceedings are published in the hope that all psychologists, especially those located in well-resourced institutions in the West, confront the divided reality that characterizes Psychology so as to creatively consider the opportunity opened up by the growing field at the peripheries. Care was taken when assembling both conference and proceedings to ensure that the entire international psychological community was represented. Volume One contains contributions to Majority World Psychology. Volume Two contains contributions to Western Psychology. The Handbook of Multicultural Mental Health, Second Edition, discusses the impact of cultural, ethnic, and racial variables for the assessment, diagnosis, treatment, service delivery, and development of skills for working with culturally diverse populations. Intended for the mental health practitioner, the book translates research findings into information to be applied in practice. The new edition contains more than 50% new material and includes contributions from established leaders in the field as well as voices from rising stars in the area. It recognizes diversity as extending beyond race and ethnicity to reflect characteristics or experiences related to gender, age, religion, disability, and socioeconomic status. Individuals are viewed as complex and shaped by different intersections and salencies of multiple elements of diversity. Chapters have been wholly revised and updated, and new coverage includes indigenous approaches to assessment, diagnosis, and treatment of mental and physical disorders; spirituality; the therapeutic needs of culturally diverse clients with intellectual, developmental, and physical disabilities; suicide among racial and ethnic groups; multicultural considerations for treatment of military personnel and multicultural curriculum and training. Foundations-overview of theory and models Specialized assessment in a multicultural context Assessing and treating four major culturally diverse groups in clinical settings Assessing and treating other culturally diverse groups in clinical settings Specific conditions/presenting problems in a cultural context Multicultural competence in clinical settings This book introduces and explores major topics in contemporary educational measurement: criterion-referenced testing, item response theory (IRT), computer-based testing, cross-lingual and cross-cultural assessment, and accountability testing. Psychometric experts describe forward-looking measurement practices and provide a contextualized understanding of how and why they were developed, how they can be used, and where they may go in the future. In addition to presenting key concepts and formulas, the volume covers established and emerging applications and discusses recurrent challenges that require additional research. A helpful glossary of abbreviations is included. The book is grounded in the work of Ronald K. Hambleton. GROUP DYNAMICS, 7th Edition, combines an emphasis on research, empirical studies supporting theoretical understanding of groups, and extended case studies to illustrate the application of concepts to actual groups. Author Donelson R. Forsyth builds each chapter around a real-life case, drawing on examples from a range of disciplines including psychology, law, education, sociology, and political science. Tightly weaving concepts and familiar ideas together, the text takes students beyond simple exposure to basic principles and research findings to a deeper understanding of each topic. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. This book provides an up-to-date review of commonly undertaken methodological and statistical practices that are based partially in sound scientific rationale and partially in unfounded lore. Some examples of these "methodological urban legends" are characterized by manuscript critiques such as: (a) "your self-report measures suffer from common method bias"; (b) "your item-to-subject ratios are too low"; (c) "you can't

generalize these findings to the real world"; or (d) "your effect sizes are too low." What do these critiques mean, and what is their historical basis? More Statistical and Methodological Myths and Urban Legends catalogs several of these quirky practices and outlines proper research techniques. Topics covered include sample size requirements, missing data bias in correlation matrices, negative wording in survey research, and much more. This Advanced Introduction provides a cutting edge review of employee engagement, illustrating the theories and key instruments for research that underpin the field and its antecedents and consequences. It translates the science into practice by offering recommendations on how to build an engaged workforce and how to socialize and engage newcomers. This is the first book to bring together examples of research in positive psychology / psychofortology conducted in the multi-cultural South African context with its diverse populations and settings. The volume reflects basic as well as applied well-being research in the multicultural South African context as conducted in various contexts and with a variety of methods and foci. Theoretical, review, and empirical research contributions are made, reflecting positivist to constructivist approaches, and include quantitative, qualitative, and mixed-method approaches. Some findings support universality assumptions, but others uncovered unique cultural patterns. Chapters report on well-being research conducted in the domains of education, work, health, and family, and in clinical, urban vs. rural, and unicultural vs. multicultural contexts. Studies span the well-being of adolescents, adults, and older people, and topics include resilience in individuals, families, and groups, measurement issues and coping processes, the role of personal and contextual variables, and facets such as hope, spirituality, self-regulation, and interventions. This Routledge Companion provides a timely and authoritative overview of cross-cultural management as an academic domain and field of practice for academics and students. With contributions from over 60 authors from 20 countries, the book is organised in to five thematic areas: Review, survey and critique Language and languages: moving from the periphery to the core Cross-cultural management research and education The new international business landscape Rethinking a multidisciplinary paradigm. Edited by an international team of scholars and featuring contributions from a range of leading cross-cultural management experts, this prestigious volume represents the most comprehensive guide to the development and scope of cross-cultural management as an academic discipline. This book addresses the ways in which clinical psychologists ought to conceptualize and respond to the prejudice and oppression that their clients experience. Thus, the link between prejudice and oppression to psychopathology is explored. Basic scientific information about prejudice is reviewed, and the current status of the major minority groups is explored. Chapters examine the role of prejudice and oppression in institutional structures such as the Diagnostic and Statistical Manual of Mental Disorders and professional organizations. The discussion addresses ways to assess these phenomena in individual cases and how to intervene in psychotherapy. The book ventures to evaluate the status of the profession of psychology with respect to prejudice, stigmatization, and oppression by critically examining evidence that the profession has responded adequately to these social problems. These issues are hard to talk about and are not well talked about in the field. This book is a push in the right direction. This important multivolume work sheds light on current—and future—research on cultural universals and differences in personality in their evolutionary, ecological, and cultural contexts. • Uniquely brings together diverse topics and theoretical viewpoints related to personality across cultures including cross-cultural, cultural, indigenous, evolutionary, and neuroscientific perspectives • Provides a thorough picture of current knowledge as well as directions for future research •

Comprises 31 chapters by leading international researchers discussing their respective areas of expertise • Addresses personality broadly defined to include universal and indigenous traits, personality types, the self, emotion, motivation, values, beliefs, and life narratives • Draws on cultural samples from every continent except Antarctica

**CULTURE AND PSYCHOLOGY, 5E** illustrates why and how psychologists should account for cultural factors in their efforts to explain and understand behavior. The authors' cross-cultural framework gives students the tools necessary for evaluating psychology from a cultural perspective, while the inclusion of the most current research highlights the relationship between culture and psychology. In addition, the text encourages students to question traditionally held beliefs and theories as well as their relevance to different cultural groups today. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

**Volume 19, entitled Essential Metals in Medicine: Therapeutic Use and Toxicity of Metal Ions in the Clinic** of the series *Metal Ions in Life Sciences* centers on the role of metal ions in clinical medicine. Metal ions are tightly regulated in human health: while essential to life, they can be toxic as well. Following an introductory chapter briefly discussing several important metal-related drugs and diseases and a chapter about drug development, the focus is first on iron: its essentiality for pathogens and humans as well as its toxicity. Chelation therapy is addressed in the context of thalassemia, its relationship to neurodegenerative diseases and also the risks connected with iron administration are pointed out. A subject of intense debate is the essentiality of chromium and vanadium. For example, chromium(III) compounds are taken as a nutritional supplement by athletes and bodybuilders; in contrast, chromate, Cr(VI), is toxic and a carcinogen for humans. The beneficial and toxic effects of manganese, cobalt, and copper on humans are discussed. The need for antiparasitic agents is emphasized as well as the clinical aspects of metal-containing antidotes for cyanide poisoning. In addition to the essential and possibly essential ones, also other metal ions play important roles in human health, causing harm (like the metalloid arsenic, lead or cadmium) or being used in diagnosis or treatment of human diseases, like gadolinium, gallium, lithium, gold, silver or platinum. The impact of this vibrant research area on metals in the clinic is provided in 14 stimulating chapters, written by internationally recognized experts from the Americas, Europe and China, and is manifested by approximately 2000 references, and about 90 illustrations and tables. *Essential Metals in Medicine: Therapeutic Use and Toxicity of Metal Ions in the Clinic* is an essential resource for scientists working in the wide range from pharmacology, enzymology, material sciences, analytical, organic, and inorganic biochemistry all the way through to medicine ... not forgetting that it also provides excellent information for teaching. The field of culture and psychology is one of the fastest growing areas in the social sciences. As a repeating annual series, *Advances in Culture and Psychology* will be the first to offer state-of-the-art reviews of scholarly research programs in the growing field of culture and psychology. Learn the most up-to-date developments in applied psychology with one authoritative collection. The *Handbook on the State of the Art in Applied Psychology* delivers 19 state-of-the-art addresses on a selected topic in applied psychology. Together, they constitute an up-to-date and authoritative reference that describes the most cutting-edge material in the most prominent domains of applied psychology. The accomplished academics and editors Dr. Peter Graf and Dr. David Dozois put the focus on areas where the most profound recent progress has been made. They also emphasize the link between science and practice, showcasing basic science research that has practical implications for real world problems. Readers will benefit from up-to-date research on topics as varied as occupational commitment and organizational productivity.

forgiveness, shared cultural spaces, environmental decision making, and the early identification of reading problems. In addition to the papers included in the collection, the Handbook on the State of the Art in Applied Psychology features: An insightful preface focused on the theme of connecting basic research to practical solutions in the real world An overview of the chapters and their arrangement in the collection An author and subject index to assist readers in finding the information they seek A focus on the most cutting-edge advancements in the field of applied psychology, with an emphasis on the impact of technological innovation and increased recognition of cultural determinants of behavior Perfect for applied psychology researchers, workers, teachers, and students around the world, Handbook on the State of the Art in Applied Psychology also belongs on the bookshelves of anyone looking for an efficient way to get up to speed on the latest developments on a wide variety of relevant topics in applied psychology. "Recommended. Undergraduates through faculty/researchers; professionals/practitioners; general readers." – Choice Includes well over 500 A-Z entries of between 500 and 7,500 words in length covering the main topics, key concepts, and influential figures in the field of clinical psychology Serves as a comprehensive reference with emphasis on philosophical and historical issues, cultural considerations, and conflicts Offers a historiographical overview of the ways in which research influences practice Cites the best and most up-to-date scientific evidence for each topic, encouraging readers to think critically 5 Volumes [www.encyclopediaclinicalpsychology.com](http://www.encyclopediaclinicalpsychology.com) ESSENTIALS OF PSYCHOLOGY: CONCEPTS AND APPLICATIONS, 5th Edition retains the hallmark features and pedagogical aids that have made this text unique in presenting the foundations of psychology in a manageable, reader-friendly format. Students gain a broad view of psychology and see applications of the knowledge gained from contemporary research to the problems and challenges we face in today's world. Nevid's comprehensive learning system, derived from research on memory, learning, and textbook pedagogy, is featured throughout. This model incorporates the Four E's of Effective Learning -- Engaging Student Interest, Encoding Information, Elaborating Meaning, and Evaluating Progress. Thoroughly updated with recent research developments, this edition also features an expanded focus on psychology in the digital world -- a topic students are sure to find fascinating and relevant. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version. Cross-cultural studies require sound methodology and psychometrics. This book outlines advances in assessment from many expert perspectives. A state-of-the-art psychological perspective on positivity and strengths-based approaches at work This handbook makes a unique contribution to organizational psychology and HRM by providing comprehensive international coverage of the contemporary field of positivity and strengths-based approaches at work. It provides critical reviews of key topics such as resilience, wellbeing, hope, motivation, flow, authenticity, positive leadership and engagement, drawing on the work of leading thinkers including Kim Cameron, Shane Lopez, Peter Clough and Robert Biswas-Diener. A BRIEF ORIENTATION TO COUNSELING provides students with the unique knowledge and skills needed as they begin their journey toward building an identity as a professional counselor. In a concise format, Neukrug addresses the 13 aspects of Professional Orientation and Ethical Practice outlined in the 2016 CACREP Standards, which will form the foundation for students' success in practice. Along the way, he provides real-world advice, vignettes to reflect upon, experiential activities, and case studies that will help students prepare for a career in the helping professions. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.



International Aviation Labour Law explores the status quo of the international regulation of labour and employment within the air transport industry and provides a detailed analysis of the regulatory endeavours undertaken at the international, European and domestic level to harmonise aviation labour regulations and ensure adequate labour standards for aircrew members. Offering an original insight into the regulation of labour in the aviation sector and airline industry, it analyses regulatory endeavours undertaken at the international, European and domestic level, exploring the main challenges arising from non-uniform and fragmented regulation of labour standards in the air transport sector. In particular, it investigates whether aviation labour regulations are sufficiently harmonised at an international level to ensure adequate labour standards for aircrew members. Key concerns relating to aviation labour are dealt with from a regulatory and practical perspective, and the current normative gaps are examined in view of potential future regulatory trends and solutions via a thorough analysis of the applicable legislation, landmark court decisions and the use of practical examples, to provide an overview of the various nuances of the topic. The book identifies and explores the main implications and repercussions of regulatory asymmetry and highlights the critical role of labour for air transport and how discrepancies in labour regulation may affect the practice of flying and the essence of aviation safety. It emphasises a strong need for international regulatory coordination and is a key reference for a varied audience of students, academics, professionals and rule-makers involved in the air transport arena and for all those who have an interest in the regulation of labour and employment in aviation.

As infants we are rife with potential. For a short time, we have before us a seemingly infinite number of developmental paths. Soon, however, we become limited to certain paths as we grow into unique products of our genetics and experience. But what factors account for the variation -- in skills, personalities, values -- that results? How do experiences shape what we bring into the world?

In *The Human Spark*, pioneering psychologist Jerome Kagan offers an unflinching examination of personal, moral, and cultural development that solidifies his place as one of the most influential psychologists of the past century. In this definitive analysis of the factors that shape the human mind, Kagan explores the tension between biology and the environment. He reviews major advances in the science of development over the past three decades and offers pointed critiques and new syntheses. In so doing, Kagan calls out the shortcomings of the modern fad for neuroscience, shows why theories of so-called attachment parenting are based on a misinterpretation of research, and questions the field's reflexive tendency to pathologize the behavior of the young. Most importantly, he reminds us that a life, however influenced by biology and upbringing, is still a tapestry to be woven, not an outcome to be endured. A profound exploration of what is universal and what is individual in human development, *The Human Spark* is the result of a scientist's lifelong quest to discover how we become who we are. Whether the reader is a first-time parent wondering what influence she, her genes, and the wider world will have on her child; an educator seeking insight into the development of her students; or simply a curious soul seeking self-knowledge, Kagan makes an expert and companionable guide.

The importance of facial expressions has led to a steadily growing body of empirical findings and theoretical analyses. Every decade has seen work that extends or challenges previous thinking on facial expression. *The Science of Facial Expression* provides an updated review of the current psychology of facial expression. This book summarizes current conclusions and conceptual frameworks from leading figures who have shaped the field in their various subfields, and will therefore be of interest to practitioners, students, and researchers of emotion in cognitive psychology, neuroscience, biology, anthropology,

linguistics, affective computing, and homeland security. Organized in eleven thematic sections The Science of Facial Expression offers a broad perspective of the "geography" of the science of facial expression. It reviews the scientific history of emotion perception and the evolutionary origins and functions of facial expression. It includes an updated compilation on the great debate around Basic Emotion Theory versus Behavioral Ecology and Psychological constructionism. The developmental psychology and social psychology of facial expressions is explored in the role of facial expressions in child development, social interactions, and culture. The book also covers appraisal theory, concepts, neural and behavioral processes, and lesser-known facial behaviors such as yawning, vocal crying, and vomiting. In addition, the book reflects that research on the "expression of emotion" is moving towards a significance of context in the production and interpretation of facial expression. The authors expose various fundamental questions and controversies yet to be resolved, but in doing so, open many sources of inspiration to pursue in the scientific study of facial expression. In this book, Drs. Ratts and Pedersen combine the very best from the multicultural and social justice traditions into a new paradigm, which will guide counselors toward a deeper understanding of the connections between these two counseling forces. Significantly updated and expanded from the previous edition, this fourth edition focuses on applying multiculturalism and social justice in various clinical settings with diverse client populations. A completely new applications section contains nine chapters on working with oppressed client groups, including African Americans; Asian and Pacific Islanders; Latin@s; multiracial individuals; Native Americans; lesbian, gay, bisexual, and questioning clients; transgender individuals; women; and socioeconomically disadvantaged clients. Clients experiencing religious and spiritual concerns are discussed as well. Each of the chapters in this section provides an illustrative case study and numerous counseling examples. \*Requests for digital versions from the ACA can be found on wiley.com. \*To request print copies, please visit the ACA website here. \*Reproduction requests for material from books published by ACA should be directed to [permissions@counseling.org](mailto:permissions@counseling.org). Understanding National Culture and Ethics in Organisations: A Study of Eastern and Central Europe reveals some leading questions in business research, linking ethics and national culture, with a particular emphasis on Eastern European countries. Plants synthesize a wide variety of unique glycan structures which play essential roles during the life cycle of the plant. Being omnipresent throughout the plant kingdom, ranging from simple green algae to modern flowering plants, glycans contribute to many diverse processes. Glycans can function as structural components in the plant cell wall, assist in the folding of nascent proteins, act as signaling molecules in plant defense responses or (ER) stress pathways, or serve within the energy metabolism of a plant. In most cases, glycans are attached to other macromolecules to form so-called glycoconjugates (e.g. glycoproteins, proteoglycans and glycolipids), but they can also be present as free entities residing in the plant cell. Next to the broad, complex set of glycans, plants also evolved an elaborate collection of lectins or proteins with a lectin-like domain, which can recognize and bind to endogenous (plants-own) or exogenous (foreign) glycans. Though still poorly understood in plants, the dynamic interactions between lectins and carbohydrate structures are suggested to be involved in gene transcription, protein folding, protein transport, cell adhesion, signaling as well as defense responses. As such, a complex and largely undetermined glycan-interactome is established inside plant cells, between cells and their surrounding matrix, inside the extracellular matrix, and even between organisms. Studying the biological roles of plant glycans will enable to better understand plant development and physiology in order to fully

exploit plants for food, feed and production of pharmaceutical proteins. In this Research Topic we want to provide a platform for articles describing the latest research, perspectives and methodologies related to the fascinating world of plant glycobiology, with a focus on following subjects: 1. Identification and characterization of plant glycans, their biosynthetic and degradation enzymes 2. Characterization of plant lectins and glycoproteins 3. Plant glycans in the plant's energy metabolism 4. Role of plant glycans in plant defense signaling 5. Use of plant lectins in pest control 6. Plant lectins as new tools in human medicine 7. Glyco-engineering in plants

Over the past fifty years Brazil's evangelical community has increased from five to twenty-five percent of the population. This volume's authors use statistical overview, historical narrative, personal anecdote, social-scientific analysis, and theological inquiry to map out this emerging landscape. The book's thematic center pivots on the question of how Brazilian evangelicals are exerting their presence and effecting change in the public life of the nation. Rather than fixing its focus on the interior life of Brazilian evangelicals and their congregations, the book's attention is directed toward social expression: the ways in which Brazilian evangelicals are present and active in the common life of the nation.

Handbook of Vocational Psychology identifies, reports, and evaluates significant developments in vocational psychology and career counseling, and in doing so provides both professional clinicians and students with an informed understanding of both the current state and continuing progress in the field. As in previous editions, the fourth edition links theory and research with the more applied aspects of this field: four sections cover, in order, the field's history, theory, research and practical applications. Clinicians, students, and academics at all levels of experience will find that the Handbook of Vocational Psychology, 4th ed, paints an accurate picture of the realities of work and serves as a practical reference work for anyone interested in keeping up to date with the latest research and trends in vocational psychology. Awarded second place in the 2017 AJN Book of the Year Awards in Psychiatric and Mental Health Nursing. "I welcome, at long last, a book on global mental health targeted to nurses, the front-line health worker for billions of people around the world.? The roles that nurses can, and should, play in mental health care are diverse and this book addresses both well-trod as well as emerging concerns across the continuum of care from promotion to prevention to treatment. Importantly, at the heart of this diversity is the foundation of compassion and care, the hallmark of the nursing profession." – Vikram Patel, Professor of International Mental Health and Wellcome Trust Principal Research Fellow in Clinical Science, Centre for Global Mental Health, London School of Hygiene and Tropical Medicine, UK

Psychiatric disorders have consistently been identified as serious and significant global burdens of disease, yet meeting the needs of people in mental distress has not often been a priority in health care. This important reference work sets out knowledge base for understanding the state of mental health care globally, and translating this into effective practice. The Handbook provides a historical and contemporary context of mental health care, identifies and discusses evidence-based standards of care and strategies for mental health promotion and explores the need to deliver care from interdisciplinary and community-based models, placing these imperatives within a human rights and empowerment framework. It is made up of four core sections which look at: Key and emerging issues that affect global mental health practice and research, including the social context of health; Evidence-based health promotion strategies for major areas of practice internationally; A range of country studies, reflecting different problems and approaches to mental health and mental health care internationally; and What constitutes empowering practice. The only comprehensive work looking at global perspectives on mental health nursing, this is an

invaluable reference for all students, academics and professionals involved in mental health research with an interest in global or cross-cultural issues. This book is focused on work, occupation and career development: themes that are fundamental to a wide range of human activities and relevant across all cultures. Yet theorizing and model building about this most ubiquitous of human activities from international perspectives have not been vigorous. An examination of the literature pertaining to career development, counseling and guidance that has developed over the last fifty years reveals theorizing and model building have been largely dominated by Western epistemologies, some of the largest workforces in the world are in the developing world. Career guidance is rapidly emerging as a strongly felt need in these contexts. If more relevant models are to be developed, frameworks from other cultures and economies must be recognized as providing constructs that would offer a deeper understanding of career development. This does not mean that existing ideas are to be discarded. Instead, an integrative approach that blends universal principles with particular needs could offer a framework for theorizing, research and practice that has wider relevance. The central objective of this handbook is to draw the wisdom and experiences of different cultures together to consider both universal and specific principles for career guidance and counseling that are socially and economically relevant to contemporary challenges and issues. This book is focused on extending existing concepts to broader contexts as well as introducing new concepts relevant to the discipline of career guidance and counseling. Research Methods in Social Relations, 8th Edition, features a series of updates and revisions in its comprehensive introduction to current research methods in the social and behavioural sciences. Offers comprehensive coverage of a wide variety of traditional and topical research methods Addresses many newer research approaches such as propensity score matching, mixed methods designs, and confirmatory factor analysis Written to be accessible to a range of social and behavioural science disciplines, including public health, political science, sociology, and psychology Includes new chapters that engage readers in critical thinking about the processes involved in building sustainable partnerships in field and community settings The Companion website includes an array of resources for Instructors, including Test Banks, Power Point lecture slides, discussion questions and exercises This new edition is the much-anticipated follow-up to 2001's seventh edition by Hoyle, Harris and Judd Exploring Health Psychology provides comprehensive yet student-friendly coverage of both traditional topics in the field and important contemporary issues relating to reproductive, sexual, and psychological health. Using an informal, sometimes humorous narrative, the authors engage students of all interest levels, abilities, and learning styles by emphasizing the application of health and wellbeing psychology in their daily lives. Balancing depth and accessibility, each chapter describes the body systems relevant to a particular topic, incorporates up-to-date information and research and contains relatable examples, real-world applications, compelling discussion and review questions, personal stories and vignettes, a running glossary, and more. Broad in scope, Exploring Health Psychology examines the interactions between biological, psychological, and sociocultural factors in psychological disorders and discusses their psychological and medical treatment. Critical psychological health issues such as anxiety and depression, the health of sexual and gender minorities, and the psychological dangers and pitfalls of the digital age are addressed to meet the needs of today's students. An array of active learning features based on the SQ4R pedagogy—Survey, Question, Read, Recite, Reflect, and Review—enables students to take an active role in the learning process, develop effective study habits, strengthen critical and scientific thinking, and comprehend, retain, and apply the material. This

book presents new scientific knowledge on using developmental science to improving lives of children and youth across the globe. It highlights emerging pathways to sustainability as well as the interconnectedness and interdependence of developmental science and sustainable children and youth development globally. Presenting cross-cultural views and current perspectives on the role of developmental science in the realization of the Sustainable Development Goals for children and youth development, contributors from different disciplines from low-and-middle-income countries or scholars working in these countries capture ground realities of the situation of children and youth in these regions. This book addresses developmental issues related to inequity, gender, health, education, social protection, and needs of vulnerable populations of children and youth. Other areas of focus are improving mechanisms and monitoring frameworks of development and well-being indicators.

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