

children and emotion new insights into developmental affective science contributions to human development vol

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This content explores new insights into the complex interplay between children and emotion. Delving into developmental affective science, it provides crucial contributions to understanding human emotional growth and the nuances of child emotional development.

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children and emotion new insights into developmental affective science contributions to human development vol

Introduction to Developmental Psychology: Piaget's Stages - Introduction to Developmental Psychology: Piaget's Stages by Professor Dave Explains 130,225 views 1 year ago 11 minutes, 41 seconds - Developmental, psychology tries to study how thoughts, **feelings**, and behaviors, emerge and change **from**, infancy through to ...

Child Development, What is it? The 5 stages of a child development explained in this video. - Child Development, What is it? The 5 stages of a child development explained in this video. by BabyPillars 206,616 views 3 years ago 3 minutes, 21 seconds - What is **child development**? The answer for parents. In this video I will explain What **child development**, is, what are the 5 stages of ...

What is the most important influence on child development | Tom Weisner | TEDxUCLA - What is the most important influence on child development | Tom Weisner | TEDxUCLA by TEDx Talks 1,223,146 views 7 years ago 8 minutes, 42 seconds - If you could do one thing - the most important thing - to influence the life of a young **child**, what would that be (it's likely not what ...

How baby brains develop - How baby brains develop by CNN 514,991 views 9 years ago 1 minute, 41 seconds - Take a look inside what might be the most complex biological system in the world: the **human**, brain.

Introduction to Human Development/Developmental Psychology - Introduction to Human Development/Developmental Psychology by Nicole Berry 136,322 views 11 years ago 57 minutes - Welcome to **developmental**, psychology it's also called sometimes called **human development**, sometimes called lifespan ...

Understanding Your Child's Emotions: A Developmental Approach | Catherine Mogil, PsyD | UCLAMDChat - Understanding Your Child's Emotions: A Developmental Approach | Catherine Mogil, PsyD | UCLAMDChat by UCLA Health 169,523 views 7 years ago 29 minutes - UCLA psychologist Catherine Mogil, PsyD, and learn the best strategies to help your **child**, manage difficult **feelings**, in different ...

Basic Feelings

Emotional Development: Infants

Emotional Development: Toddlers

Emotional Development: Preschool Years

Emotional Development: School-aged Children

Emotional Development: Adolescents

Importance of Parents

Attunement

Support positive coping strategies

Model appropriate emotional expression

Keeping your cool

Model positive coping strategies

Family Emotional Regulation

Emotional Labeling Through Reading

The Single Most Important Parenting Strategy | Becky Kennedy | TED - The Single Most Important Parenting Strategy | Becky Kennedy | TED by TED 1,229,333 views 5 months ago 14 minutes, 4 seconds - Everyone loses their temper **from**, time to time — but the stakes are dizzyingly high when the focus of your fury is your own **child**,.

The 3 Stages of Emotional Child Development - The 3 Stages of Emotional Child Development by Psych2Go 167,648 views 5 years ago 4 minutes, 24 seconds - Emotional development, refers to the ability to recognize, express, and manage **feelings**, at different stages of life and to have ...

STAGE 1: 1-months

STAGE 1: 1-6 months

6-12 months

STAGE 2

STAGE 3: 12-24 months

5 Signs You Had A Traumatic Childhood (And Don't Realize It) - 5 Signs You Had A Traumatic Childhood (And Don't Realize It) by Psych2Go 819,004 views 1 year ago 4 minutes, 46 seconds

- There are many types of childhood trauma that can range **from**, events like physical abuse, sexual abuse, **emotional**, abuse, ...

Intro

What is a traumatic childhood

Childish reactions

Insecure attachment

Conflict avoidance

Low selfworth

Risky behavior

After watching this, your brain will not be the same | Lara Boyd | TEDxVancouver - After watching this, your brain will not be the same | Lara Boyd | TEDxVancouver by TEDx Talks 39,977,062 views 8 years ago 14 minutes, 24 seconds - In a classic research-based TEDx Talk, Dr. Lara Boyd describes how neuroplasticity gives you the power to shape the brain you ...

Intro

Your brain can change

Why cant you learn

Love is not Enough - Love is not Enough by Now Owned and Operated by Child Health BC 599,363 views 10 years ago 4 minutes, 11 seconds - Your Own Happiness is a Gift to Your **Child**, Parents may need to put their life goals **on**, hold and look after their own **emotional**, ...

Love is Not Enough Early Childcare and Emotional Development

Babies are Not Blank Slates

Attachment Patterns are Multigenerational

The Brain Develops in Response to the Environment

Right Conditions for Healthy Brain Development

Why you feel what you feel | Alan Watkins | TEDxOxford - Why you feel what you feel | Alan

Watkins | TEDxOxford by TEDx Talks 4,585,641 views 8 years ago 20 minutes - Understanding, why you feel what you feel is one of the most important aspects of **human development**,. After **understanding**, ...

Inside the autism brain: The cerebellum - Inside the autism brain: The cerebellum by The Transmitter 63,231 views 3 years ago 4 minutes, 7 seconds - Professors Sam Wang and Peter Tsai explain the role of the 'little brain' in cognition, social skills, **emotion**, control and repetitive ...

Lessons from the longest study on human development | Helen Pearson - Lessons from the longest study on human development | Helen Pearson by TED 546,315 views 6 years ago 12 minutes, 26 seconds - For the past 70 years, **scientists**, in Britain have been studying thousands of **children**,

through their lives to find out why some end ...

Reading for Pleasure

Parenting Matters

Poverty and Parenting Matter

My philosophy for a happy life | Sam Berns | TEDxMidAtlantic - My philosophy for a happy life | Sam Berns | TEDxMidAtlantic by TEDx Talks 53,080,070 views 10 years ago 12 minutes, 45 seconds - Just before his passing **on**, January 10, 2014, Sam Berns was a Junior at Foxboro High School in Foxboro, Massachusetts, where ...

Intro

Pit Percussion

Progeria

Most important thing

My philosophy

Playing SpiderMan

Surround yourself with people

Keep moving forward

Change the world

My younger self

Conclusion

The Attachment Theory: How Childhood Affects Life - The Attachment Theory: How Childhood Affects Life by Sprouts 9,689,735 views 5 years ago 7 minutes, 36 seconds - The attachment theory argues that a strong **emotional**, and physical bond to one primary caregiver in our first years of life is critical ...

SECURELY ATTACHED

ANXIOUS AMBIVALENT

Psychology and Human Development - Psychology and Human Development by Dr. Kerris Dillon 636 views 2 years ago 27 minutes - This video highlights **developmental**, psychology, attention, memory, language perception, memory, the normative approach, ...

Intro

DEVELOPMENTAL PSYCHOLOGY THE SCIENTIFIC STUDY OF HOW HUMAN BEINGS CHANGE FROM CONCEPTION THROUGH CHILDHOOD, ADOLESCENCE, ADULTHOOD, AND THROUGH THE DEATH PROCESS.

THE NORMATIVE APPROACH

Sigmund Freud Psychosexual Theories of Development

FREUD'S STAGES OF PSYCHOSEXUAL DEVELOPMENT

Trust vs. Mistrust (0-2 years old)

Autonomy vs. Shame (Doubt) 2-3 years old

Initiative vs Guilt 3-4 years old

Industry vs Inferiority Elementary School Years

Identity vs. Identity Confusion Adolescence

Intimacy vs. Isolationism Early Adulthood

Generativity vs Stagnation Middle Adulthood

Integrity vs Despair Late Adulthood

2 WAYS TO SHIFT SCHEMATA

ASSIMILATION

The Sensorimotor Stage 0-2 years old

Preoperational Stage 2-7 years old

Concrete Operational Stage 7-11 years old

Formal Operational Stage 12 years and up

Zone of Proximal Development (ZPD)

Preconventional Morality Before the age of 9 years old.

Conventional Morality Early Adolescence

Post-Conventional Morality once formal operations are attained

THE 3 STAGES OF PRENATAL DEVELOPMENT

4 STYLES OF PARENTING

InBrief: The Science of Resilience - InBrief: The Science of Resilience by Center on the Developing Child at Harvard University 570,407 views 8 years ago 2 minutes, 30 seconds - One way to understand the **development**, of resilience is to picture a balance scale or seesaw. Protective experiences and ...

The Growth of Knowledge: Crash Course Psychology #18 - The Growth of Knowledge: Crash Course Psychology #18 by CrashCourse 2,702,841 views 9 years ago 9 minutes, 50 seconds - How does our **knowledge**, grow? It turns out there are some different **ideas**, about that. Schemas, Four-Stage Theory of Cognitive ...

Introduction: Cognitive Development

Maturation

Jean Piaget's Theory of Cognitive Development

Schemas

Assimilation & Accommodation

Sensorimotor Stage of Cognitive Development

Preoperational Stage of Cognitive Development

Concrete Operational Stage of Cognitive Development

Formal Operational Stage of Cognitive Development

Reception of Piaget's Four-Step Model

Vygotsky's Theory of Scaffolding

Review & Credits

Human Growth and Developmental Psychology: Social and Emotional Development in Infancy - Human Growth and Developmental Psychology: Social and Emotional Development in Infancy by Nicole Berry 3,177 views 11 years ago 30 minutes - This is a description of primary **emotions**,, self-conscious **emotions**,, separation protest, temperament, attachment, Erikson, Freud, ...

Introduction

Emotions in Animals

Primary Emotions

SelfAwareness

Crying

Physical Distress and Pain

Separation Protest

Temperament

Trust vs mistrust

Still face paradigm

Insecure Resistance

Harlow Experiment

Research

Movie suggestion

Website suggestions

Why Developmental Science? - Why Developmental Science? by Society for Research in Child Development 11,951 views 4 years ago 3 minutes, 59 seconds - Leading scholars of color discuss the important roles that **developmental scientists**, play in chronicling **human development**,.

IMPROVES LIFE COURSE SITUATION

REDUCE PROBLEM BEHAVIORS

REDUCE DISCRIMINATION AND CORRECT

Increasing Awareness Of Developmental Science - Increasing Awareness Of Developmental Science by Society for Research in Child Development 8,699 views 4 years ago 2 minutes, 39 seconds - Experts define **developmental science**, and share stories **from**, their work in the field. This video is part of a larger SRCD project, ...

Introduction

What do you love about your job

How can that science be applied

The science of emotions: Jaak Panksepp at TEDxRainier - The science of emotions: Jaak Panksepp at TEDxRainier by TEDx Talks 1,020,783 views 10 years ago 17 minutes - Given an inherent subjective nature, **emotions**, have long been a nearly impenetrable topic for **scientific**, research. **Affective**, ...

Intro

The animal mind

Primary emotions

Brain opioids

New concepts

Conclusion

From Birth to Two: the Neuroscience of Infant Development - From Birth to Two: the Neuroscience

of Infant Development by Dana Foundation 1,561,887 views 8 years ago 1 hour, 42 minutes - From, birth to two years old is marked by great cognitive, **emotional**, social and physical **development**, in **children**, and the brain is ...

MOTOR MILESTONES: 5 TO 9 MONTHS

MOTOR MILESTONES 9-12 MONTHS

MOTOR MILESTONES 18-24 MONTHS

COMMUNICATION 5 TO 9 MONTHS

COMMUNICATION: 9-12 MONTHS

Chapter 9 Human Development Narrated PowerPoint - Chapter 9 Human Development Narrated PowerPoint by Melissa Sutherland , Professor 4,063 views 4 years ago 36 minutes - Narration of King's Chapter 9 **on Human Development**,.

CHAPTER PREVIEW

RESEARCH METHODS IN DEVELOPMENTAL PSYCHOLOGY

NATURE AND NURTURE

RESILIENT CHILDREN

PRENATAL DEVELOPMENT

PERCEPTUAL AND MOTOR DEVELOPMENT

COGNITIVE DEVELOPMENT

EVALUATING PIAGET'S THEORY

OTHER THEORIES OF INTELLECTUAL DEVELOPMENT

TEMPERAMENT

INFANT ATTACHMENT

EVALUATING ERIKSON'S THEORY

BAUMRIND'S PARENTING STYLES

EVALUATING KOHLBERG'S THEORY

CURRENT RESEARCH ON MORAL DEVELOPMENT

UNDERSTANDING ADOLESCENCE

ADOLESCENT PHYSICAL DEVELOPMENT

ADOLESCENT BRAIN DEVELOPMENT

SOCIOEMOTIONAL DEVELOPMENT Identity versus identity

ADULT DEVELOPMENT AND AGING

PHYSICAL CHANGES IN ADULTHOOD

BIOLOGICAL THEORIES OF AGING

THE AGING BRAIN

MARRIAGE

WINDING DOWN

HEALTH AND WELLNESS

CHAPTER REVIEW

Childhood Trauma: The Lives of the Neglected Children - Childhood Trauma: The Lives of the Neglected Children by Sprouts 765,614 views 2 years ago 6 minutes - Children, who experience physical, cognitive or **emotional**, neglect, often face anxiety. As a result, their body produces stress ...

Neglect Theory

Daniel Rucareanu's story

Cognitive Neglect

Physical Neglect

Emotional Neglect

Ending

Emotions and the Brain - Emotions and the Brain by Sentis 1,422,687 views 11 years ago 2 minutes, 3 seconds - The Sentis Brain Animation Series takes you **on**, a tour of the brain through a series of short and sharp animations. The fifth in the ...

Human Development and Psychology: The Long View | The Future of Education Series - Human Development and Psychology: The Long View | The Future of Education Series by Harvard Graduate School of Education 4,719 views Streamed 4 years ago 1 hour, 46 minutes - Where has the field of **human development**, been? Where is it now? Where is it going? Where should it go? Panelists will reflect ...

100 years ago... A Move To Link Research, Policy and Practice

An integrative knowledge of Developmental Science to Better Prepare youth

With an understanding of adolescence as an opportunity...

What do youth need to Envision and Prepare for adulthood?

The Field of Human Development is Cyclical

Piaget's Theory of Cognitive Development - Piaget's Theory of Cognitive Development by Sprouts
5,383,644 views 5 years ago 6 minutes, 56 seconds - Piaget's theory argues that we have to conquer
4 stages of cognitive **development**,. Only once we have gone through all the stages ...

The Sensori-Motor Stage Age 0-2

2. The Pre-operational Stage Age

The Concrete Operational Stage Age 7-11

4. The Formal Operational Stage Age 12 up

Emotional Development I Child Development - Emotional Development I Child Development by The
Psych Professor 2,991 views 2 years ago 10 minutes, 29 seconds - emotional development from,
infancy to adolescence.

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infants and children, the field has expanded to include adolescence, adult development, aging, and the
entire lifespan. Developmental psychologists aim to explain... 131 KB (15,890 words) - 17:14, 14 March
2024

psychology, referring to development from birth to death, and pediatrics, the branch of medicine relating
to the care of children. Developmental change may occur... 181 KB (21,845 words) - 11:25, 13 March
2024

psychology and neuroscience has been aimed at developing devices that recognize human affect
display and model emotions. In computer science, affective computing... 130 KB (15,519 words) -
15:54, 24 February 2024

Smetana. Moral development often emphasizes these four basic fundamentals: First, feeling or emotion
aspect: these theories emphasize the affective aspect of... 94 KB (12,817 words) - 18:31, 7 February
2024

via "adaptive developmental plasticity." From this perspective, human development follows alternative
life-history strategies in response to environmental... 43 KB (4,425 words) - 20:06, 9 March 2024

respond to emotions in others. Contemporary neuroscience offers insights into the neural basis of the
mind's ability to understand and process emotion. Studies... 168 KB (19,150 words) - 08:39, 3 March
2024

disability that affects all areas of a child's development is sometimes referred to as global developmental
delay. The most common developmental disabilities... 71 KB (8,203 words) - 17:21, 28 February 2024
(1998). Affective neuroscience: The foundations of human and animal emotions. New York and Oxford:
Oxford University Press. Sacks, O. (1984). A leg to stand... 236 KB (26,571 words) - 01:42, 15 March
2024

intentions, emotions, and thoughts may be different from one's own. Possessing a functional theory of
mind is crucial for success in everyday human social... 126 KB (15,856 words) - 02:27, 12 March 2024
motivated humanity's development of science, technology, philosophy, mythology, religion, and other
frameworks of knowledge; humans also study themselves... 261 KB (24,841 words) - 04:31, 10 March
2024

evolution of human intelligence is closely tied to the evolution of the human brain and to the origin of
language. The timeline of human evolution spans... 107 KB (12,475 words) - 02:18, 13 March 2024
Cognitive Science Society as an award for his insights into cognition evolution and, specifically, the
knowledge development about a contribution of shared... 24 KB (2,831 words) - 00:41, 15 March 2024
Mother-Infant Affective Communication and Infant Attachment: Exploring The Link Between Mental
States and Observed Caregiving. Attachment and Human Development, 7... 80 KB (9,233 words) -
23:30, 12 March 2024

research in the field of affective neuroscience (the neural mechanisms of emotion) has uncovered
important links between role play and neurogenesis in the... 65 KB (7,717 words) - 00:34, 15 March
2024

According to a general principle of development, new forms then take over old functions, so that children
learn words to express the same communicative functions... 110 KB (13,983 words) - 01:56, 13 March
2024

Socialization is strongly connected to developmental psychology. Humans need social experiences to

learn their culture and to survive. Socialization essentially... 49 KB (5,968 words) - 12:43, 23 February 2024

energize behavior, while emotions provide the affective component to motivation, positive or negative. In the early 1970s, Paul Ekman and colleagues began a... 160 KB (18,410 words) - 20:23, 18 February 2024

ability to perceive, use, understand, manage, and handle emotions. People with high emotional intelligence can recognize their own emotions and those of... 97 KB (11,377 words) - 16:45, 1 March 2024

regarding the ways in which affective states are involved in human judgment and decision-making. According to Alice Isen, positive affect has three primary effects... 196 KB (22,633 words) - 21:52, 9 March 2024

[469] Wadsworth, B. J. (1989). Piaget's theory of cognitive and affective development [421]

Karmiloff-Smith, A. (1992). Beyond Modularity. [419] Bodner... 119 KB (14,713 words) - 22:30, 17 February 2024

Handbook on Data Envelopment Analysis

This handbook covers DEA topics that are extensively used and solidly based. The purpose of the handbook is to (1) describe and elucidate the state of the field and (2), where appropriate, extend the frontier of DEA research. It defines the state-of-the-art of DEA methodology and its uses. This handbook is intended to represent a milestone in the progression of DEA. Written by experts, who are generally major contributors to the topics to be covered, it includes a comprehensive review and discussion of basic DEA models, which, in the present issue extensions to the basic DEA methods, and a collection of DEA applications in the areas of banking, engineering, health care, and services. The handbook's chapters are organized into two categories: (i) basic DEA models, concepts, and their extensions, and (ii) DEA applications. First edition contributors have returned to update their work. The second edition includes updated versions of selected first edition chapters. New chapters have been added on: different approaches with no need for a priori choices of weights (called "multipliers") that reflect meaningful trade-offs, construction of static and dynamic DEA technologies, slacks-based model and its extensions, DEA models for DMUs that have internal structures network DEA that can be used for measuring supply chain operations, Selection of DEA applications in the service sector with a focus on building a conceptual framework, research design and interpreting results.

Handbook of Operations Analytics Using Data Envelopment Analysis

This handbook focuses on Data Envelopment Analysis (DEA) applications in operations analytics which are fundamental tools and techniques for improving operation functions and attaining long-term competitiveness. In fact, the handbook demonstrates that DEA can be viewed as Data Envelopment Analytics. Chapters include a review of cross-efficiency evaluation; a case study on measuring the environmental performance of OECS countries; how to select a set of performance metrics in DEA with an application to American banks; a relational network model to take the operations of individual periods into account in measuring efficiencies; how the efficient frontier methods DEA and stochastic frontier analysis (SFA) can be used synergistically; and how to integrate DEA and multidimensional scaling. In other chapters, authors construct a dynamic three-stage network DEA model; a bootstrapping based methodology to evaluate returns to scale and convexity assumptions in DEA; hybridizing DEA and cooperative games; using DEA to represent the production technology and directional distance functions to measure bank performance; an input-specific Luenberger energy and environmental productivity indicator; and the issue of reference set by differentiating between the uniquely found reference set and the unary and maximal types of the reference set. Finally, additional chapters evaluate and compare the technological advancement observed in different hybrid electric vehicles (HEV) market segments over the past 15 years; radial measurement of efficiency for the production process possessing multi-components under different production technologies; issues around the use of accounting information in DEA; how to use DEA environmental assessment to establish corporate sustainability; a summary of research efforts on DEA environmental assessment applied to energy in the last 30 years; and an overview of DEA and how it can be utilized alone and with other techniques to investigate corporate environmental sustainability questions.

Data Envelopment Analysis

This handbook serves as a complement to the Handbook on Data Envelopment Analysis (eds, W.W. Cooper, L.M. Seiford and J. Zhu, 2011, Springer) in an effort to extend the frontier of DEA research. It provides a comprehensive source for the state-of-the-art DEA modeling on internal structures and network DEA. Chapter 1 provides a survey on two-stage network performance decomposition and modeling techniques. Chapter 2 discusses the pitfalls in network DEA modeling. Chapter 3 discusses efficiency decompositions in network DEA under three types of structures, namely series, parallel and dynamic. Chapter 4 studies the determination of the network DEA frontier. In chapter 5 additive efficiency decomposition in network DEA is discussed. An approach in scale efficiency measurement in two-stage networks is presented in chapter 6. Chapter 7 further discusses the scale efficiency decomposition in two stage networks. Chapter 8 offers a bargaining game approach to modeling two-stage networks. Chapter 9 studies shared resources and efficiency decomposition in two-stage networks. Chapter 10 introduces an approach to computing the technical efficiency scores for a dynamic production network and its sub-processes. Chapter 11 presents a slacks-based network DEA. Chapter 12 discusses a DEA modeling technique for a two-stage network process where the inputs of the second stage include both the outputs from the first stage and additional inputs to the second stage. Chapter 13 presents an efficiency measurement methodology for multi-stage production systems. Chapter 14 discusses network DEA models, both static and dynamic. The discussion also explores various useful objective functions that can be applied to the models to find the optimal allocation of resources for processes within the black box, that are normally invisible to DEA. Chapter 15 provides a comprehensive review of various type network DEA modeling techniques. Chapter 16 presents shared resources models for deriving aggregate measures of bank-branch performance, with accompanying component measures that make up that aggregate value. Chapter 17 examines a set of manufacturing plants operating under a single umbrella, with the objective being to use the component or function measures to decide what might be considered as each plant's core business. Chapter 18 considers problem settings where there may be clusters or groups of DMUs that form a hierarchy. The specific case of a set off electric power plants is examined in this context. Chapter 19 models bad outputs in two-stage network DEA. Chapter 20 presents an application of network DEA to performance measurement of Major League Baseball (MLB) teams. Chapter 21 presents an application of a two-stage network DEA model for examining the performance of 30 U.S. airline companies. Chapter 22 then presents two distinct network efficiency models that are applied to engineering systems.

Data Envelopment Analysis

This handbook represents a milestone in the progression of Data Envelopment Analysis (DEA). Written by experts who are often major contributors to DEA theory, it includes a collection of chapters that represent the current state-of-the-art in DEA research. Topics include distance functions and their value duals, cross-efficiency measures in DEA, integer DEA, weight restrictions and production trade-offs, facet analysis in DEA, scale elasticity, benchmarking and context-dependent DEA, fuzzy DEA, non-homogenous units, partial input-output relations, super efficiency, treatment of undesirable measures, translation invariance, stochastic nonparametric envelopment of data, and global frontier index. Focusing only on new models/approaches of DEA, the book includes contributions from Juan Aparicio, Mette Asmild, Yao Chen, Wade D. Cook, Juan Du, Rolf Färe, Julie Harrison, Raha Imanirad, Andrew Johnson, Chiang Kao, Abolfazl Keshvari, Timo Kuosmanen, Sungmook Lim, Wenbin Liu, Dimitri Margaritis, Reza Kazemi Matin, Ole B. Olesen, Jesus T. Pastor, Niels Chr. Petersen, Victor V. Podinovski, Paul Rouse, Antti Saastamoinen, Bireesh K. Sahoo, Kaoru Tone, and Zhongbao Zhou.

Data Envelopment Analysis

This handbook compiles state-of-the-art empirical studies and applications using Data Envelopment Analysis (DEA). It includes a collection of 18 chapters written by DEA experts. Chapter 1 examines the performance of CEOs of U.S. banks and thrifts. Chapter 2 describes the network operational structure of transportation organizations and the relative network data envelopment analysis model. Chapter 3 demonstrates how to use different types of DEA models to compute total-factor energy efficiency scores with an application to energy efficiency. In chapter 4, the authors explore the impact of incorporating customers' willingness to pay for service quality in benchmarking models on cost efficiency of distribution networks, and chapter 5 provides a brief review of previous applications of DEA to the professional baseball industry, followed by two detailed applications to Major League Baseball. Chapter 6 examines efficiency and productivity of U.S. property-liability (P-L) insurers using DEA, while chapter 7 presents a two-stage network DEA model that decomposes the overall efficiency of a decision-making unit into two components. Chapter 8 presents a review of the literature of DEA models

for the performance assessment of mutual funds, and chapter 9 discusses the management strategies formulation of the international tourist hotel industry in Taiwan. Chapter 10 presents a novel use of the two-stage network DEA to evaluate sustainable product design performances. In chapter 11 authors highlight limitations of some DEA environmental efficiency models, and chapter 12 reviews applications of DEA in secondary and tertiary education. Chapter 13 measures the relative performance of New York State school districts in the 2011-2012 academic year. Chapter 14 provides an introductory prelude to chapters 15 and 16, which both provide detailed applications of DEA in marketing. Chapter 17 then shows how to decompose a new total factor productivity index that satisfies all economically-relevant axioms from index theory with an application to U.S. agriculture. Finally, chapter 18 presents a unique study that conducts a DEA research front analysis, applying a network clustering method to group the DEA literature over the period 2000 to 2014.

Operations Research and Health Care

In both rich and poor nations, public resources for health care are inadequate to meet demand. Policy makers and health care providers must determine how to provide the most effective health care to citizens using the limited resources that are available. This chapter describes current and future challenges in the delivery of health care, and outlines the role that operations research (OR) models can play in helping to solve those problems. The chapter concludes with an overview of this book – its intended audience, the areas covered, and a description of the subsequent chapters. **KEY WORDS** Health care delivery, Health care planning **HEALTH CARE DELIVERY: PROBLEMS AND CHALLENGES** 3 1.1 **WORLDWIDE HEALTH: THE PAST 50 YEARS** Human health has improved significantly in the last 50 years. In 1950, global life expectancy was 46 years [1]. That figure rose to 61 years by 1980 and to 67 years by 1998 [2]. Much of these gains occurred in low- and middle-income countries, and were due in large part to improved nutrition and sanitation, medical innovations, and improvements in public health infrastructure.

Quantitative Models for Performance Evaluation and Benchmarking

Managers are often under great pressure to improve the performance of their organizations. To improve performance, one needs to constantly evaluate operations or processes related to producing products, providing services, and marketing and selling products. Performance evaluation and benchmarking are a widely used method to identify and adopt best practices as a means to improve performance and increase productivity, and are particularly valuable when no objective or engineered standard is available to define efficient and effective performance. For this reason, benchmarking is often used in managing service operations, because service standards (benchmarks) are more difficult to define than manufacturing standards. Benchmarks can be established but they are somewhat limited as they work with single measurements one at a time. It is difficult to evaluate an organization's performance when there are multiple inputs and outputs to the system. The difficulties are further enhanced when the relationships between the inputs and the outputs are complex and involve unknown tradeoffs. It is critical to show benchmarks where multiple measurements exist. The current book introduces the methodology of data envelopment analysis (DEA) and its uses in performance evaluation and benchmarking under the context of multiple performance measures.

Data-Enabled Analytics

This book explores the novel uses and potentials of Data Envelopment Analysis (DEA) under big data. These areas are of widespread interest to researchers and practitioners alike. Considering the vast literature on DEA, one could say that DEA has been and continues to be, a widely used technique both in performance and productivity measurement, having covered a plethora of challenges and debates within the modelling framework.

Data Envelopment Analysis

The current book introduces the methodology of data envelopment analysis (DEA) as a data-oriented operations analytics. This data analysis tool analyzes multiple performance metrics, integrates multi-dimensional data into a composite index, and recommends directions for improvement. A number of DEA books have been written for conventional and new DEA models. Yet, many of these books still require fundamental and necessary knowledge on linear mathematical optimization. This book is uniquely designed to present the DEA methodology in an applied setting where a reader is not required to have the knowledge on linear programming and linear algebra.

Data Science and Productivity Analytics

This book includes a spectrum of concepts, such as performance, productivity, operations research, econometrics, and data science, for the practically and theoretically important areas of 'productivity analysis/data envelopment analysis' and 'data science/big data'. Data science is defined as the collection of scientific methods, processes, and systems dedicated to extracting knowledge or insights from data and it develops on concepts from various domains, containing mathematics and statistical methods, operations research, machine learning, computer programming, pattern recognition, and data visualisation, among others. Examples of data science techniques include linear and logistic regressions, decision trees, Naïve Bayesian classifier, principal component analysis, neural networks, predictive modelling, deep learning, text analysis, survival analysis, and so on, all of which allow using the data to make more intelligent decisions. On the other hand, it is without a doubt that nowadays the amount of data is exponentially increasing, and analysing large data sets has become a key basis of competition and innovation, underpinning new waves of productivity growth. This book aims to bring a fresh look onto the various ways that data science techniques could unleash value and drive productivity from these mountains of data. Researchers working in productivity analysis/data envelopment analysis will benefit from learning about the tools available in data science/big data that can be used in their current research analyses and endeavours. The data scientists, on the other hand, will also get benefit from learning about the plethora of applications available in productivity analysis/data envelopment analysis.

Data Envelopment Analysis in the Financial Services Industry

This book presents the methodology and applications of Data Envelopment Analysis (DEA) in measuring productivity, efficiency and effectiveness in Financial Services firms such as banks, bank branches, stock markets, pension funds, mutual funds, insurance firms, credit unions, risk tolerance, and corporate failure prediction. Financial service DEA research includes banking; insurance businesses; hedge, pension and mutual funds; and credit unions. Significant business transactions among financial service organizations such as bank mergers and acquisitions and valuation of IPOs have also been the focus of DEA research. The book looks at the range of DEA uses for financial services by presenting prior studies, examining the current capabilities reflected in the most recent research, and projecting future new uses of DEA in finance related applications.

Handbook of Operations Research and Management Science in Higher Education

This handbook covers various areas of Higher Education (HE) in which operations research/management science (OR/MS) techniques are used. Key examples include: international comparisons, university rankings, and rating academic efficiency with Data Envelopment Analysis (DEA); formulating academic strategy with balanced scorecard; budgeting and planning with linear and quadratic models; student forecasting; E-learning evaluation; faculty evaluation with questionnaires and multivariate statistics; marketing for HE; analytic and educational simulation; academic information systems; technology transfer with systems analysis; and examination timetabling. Overviews, case studies and findings on advanced OR/MS applications in various functional areas of HE are included.

Data Envelopment Analysis in the Financial Services Industry

This book presents the methodology and applications of Data Envelopment Analysis (DEA) in measuring productivity, efficiency and effectiveness in Financial Services firms such as banks, bank branches, stock markets, pension funds, mutual funds, insurance firms, credit unions, risk tolerance, and corporate failure prediction. Financial service DEA research includes banking; insurance businesses; hedge, pension and mutual funds; and credit unions. Significant business transactions among financial service

organizations such as bank mergers and acquisitions and valuation of IPOs have also been the focus of DEA research. The book looks at the range of DEA uses for financial services by presenting prior studies, examining the current capabilities reflected in the most recent research, and projecting future new uses of DEA in finance related applications.

Data Envelopment Analysis with GAMS

This book provides a comprehensive and practical introduction to Data Envelopment Analysis (DEA). It explains how this non-parametric technique is used to measure performance and extract efficiency from homogeneous entities within a production procedure. It situates DEA within a growing field of productivity analysis and performance measurement, for which numerous models have been proposed. This book encapsulates all of the advances in DEA models proposed in the literature. These models are presented in the context of the GAMS software, which is a powerful tool for mathematical programming models. This book serves two educational purposes: it introduces readers to DEA models and provides examples using GAMS. In addition, the reader is introduced to GAMS programming, as well as innovative and practical applications. GAMS codes are available for free, allowing readers to test and expand the models to meet their specific needs.

Benchmarking with DEA, SFA, and R

This book covers recent advances in efficiency evaluations, most notably Data Envelopment Analysis (DEA) and Stochastic Frontier Analysis (SFA) methods. It introduces the underlying theories, shows how to make the relevant calculations and discusses applications. The aim is to make the reader aware of the pros and cons of the different methods and to show how to use these methods in both standard and non-standard cases. Several software packages have been developed to solve some of the most common DEA and SFA models. This book relies on R, a free, open source software environment for statistical computing and graphics. This enables the reader to solve not only standard problems, but also many other problem variants. Using R, one can focus on understanding the context and developing a good model. One is not restricted to predefined model variants and to a one-size-fits-all approach. To facilitate the use of R, the authors have developed an R package called Benchmarking, which implements the main methods within both DEA and SFA. The book uses mathematical formulations of models and assumptions, but it de-emphasizes the formal proofs - in part by placing them in appendices -- or by referring to the original sources. Moreover, the book emphasizes the usage of the theories and the interpretations of the mathematical formulations. It includes a series of small examples, graphical illustrations, simple extensions and questions to think about. Also, it combines the formal models with less formal economic and organizational thinking. Last but not least it discusses some larger applications with significant practical impacts, including the design of benchmarking-based regulations of energy companies in different European countries, and the development of merger control programs for competition authorities.

Data Envelopment Analysis and Effective Performance Assessment

For any organization, analysis of performance and effectiveness through available data allows for informed decision making. Data envelopment analysis, or DEA, is a popular, effective method that can be used to measure productive efficiency in operations management assessment. Data Envelopment Analysis and Effective Performance Assessment addresses the myriad of practical uses and innovative developments of DEA. Emphasizing the importance of analyzing productivity by measuring inputs, goals, economic growth, and performance, this book covers a wide breadth of innovative knowledge. This book is essential reading for managers, business professionals, students of business and ICT, and computer engineers.

Quantitative Models for Performance Evaluation and Benchmarking

The author is one of the prominent researchers in the field of Data Envelopment Analysis (DEA), a powerful data analysis tool that can be used in performance evaluation and benchmarking. This book is based upon the author's years of research and teaching experiences. It is difficult to evaluate an organization's performance when multiple performance metrics are present. The difficulties are further enhanced when the relationships among the performance metrics are complex and involve unknown tradeoffs. This book introduces Data Envelopment Analysis (DEA) as a multiple-measure performance evaluation and benchmarking tool. The focus of performance evaluation and benchmarking is shifted from characterizing performance in terms of single measures to evaluating performance

as a multidimensional systems perspective. Conventional and new DEA approaches are presented and discussed using Excel spreadsheets — one of the most effective ways to analyze and evaluate decision alternatives. The user can easily develop and customize new DEA models based upon these spreadsheets. DEA models and approaches are presented to deal with performance evaluation problems in a variety of contexts. For example, a context-dependent DEA measures the relative attractiveness of similar operations/processes/products. Sensitivity analysis techniques can be easily applied, and used to identify critical performance measures. Two-stage network efficiency models can be utilized to study performance of supply chain. DEA benchmarking models extend DEA's ability in performance evaluation. Various cross efficiency approaches are presented to provide peer evaluation scores. This book also provides an easy-to-use DEA software — DEA Frontier. This DEA Frontier is an Add-In for Microsoft® Excel and provides a custom menu of DEA approaches. This version of DEA Frontier is for use with Excel 97-2013 under Windows and can solve up to 50 DMUs, subject to the capacity of Excel Solver. It is an extremely powerful tool that can assist decision-makers in benchmarking and analyzing complex operational performance issues in manufacturing organizations as well as evaluating processes in banking, retail, franchising, health care, public services and many other industries.

Network Data Envelopment Analysis

This book presents the underlying theory, model development, and applications of network Data Envelopment Analysis (DEA) in a systematic way. The field of network DEA extends and complements conventional DEA by considering not only inputs and outputs when measuring system efficiency, but also the internal structure of the system being analyzed. By analyzing the efficiency of individual internal components, and more particularly by studying the effects of relationships among components which are modeled and implemented by means of various network structures, the “network DEA” approach is able to help identify and manage the specific components that contribute inefficiencies into the overall systems. This relatively new approach comprises an important analytical tool based on mathematical programming techniques, with valuable implications to production and operations management. The existing models for measuring the efficiency of systems of specific network structures are also discussed, and the relationships between the system and component efficiencies are explored. This book should be able to inspire new research and new applications based on the current state of the art. Performance evaluation is an important task in management, and is needed to (i) better understand the past accomplishments of an organization and (ii) plan for its future development. However, this task becomes rather challenging when multiple performance metrics are involved. DEA is a powerful tool to cope with such issues. For systems or operations composed of interrelated processes, managers need to know how the performances of the various processes evaluated and how they are aggregated to form the overall performance of the system. This book provides an advanced exposition on performance evaluation of systems with network structures. It explores the network nature of most production and operation systems, and explains why network analyses are necessary.

An Introduction to Data Envelopment Analysis

Data Envelopment Analysis (DEA) is a mathematical programming technique with a number of practical applications for measuring the performance of similar units such as a set of hospitals, a set of schools, or a set of banks. This book is designed as an introductory text, both for students and professionals. It includes a number of case studies as well as exercises and solved problems.

Extension of Data Envelopment Analysis with Preference Information

This book provides an introduction to incorporating preference information in Data Envelopment Analysis (DEA) with a special emphasis in Value Efficiency Analysis. In addition to theoretical considerations, numerous illustrative examples are included. Hence, the book can be used as a teaching text as well. Only a modest mathematical background is needed to understand the main principles. The only prerequisites are a) familiarity with linear algebra, especially matrix calculus; b) knowledge of the simplex method; and c) familiarity with the use of computer software. The book is organized as follows. Chapter 1 provides motivation and introduces the basic concepts. Chapter 2 provides the basic ideas and models of Data Envelopment Analysis. The efficient frontier and production possibility set concepts play an important role in all considerations. That's why these concepts are considered more closely in Chapter 3. Since the approaches introduced in this study are inspired by Multiple Objective Linear Programming, the basic concepts of this field are reviewed in Chapter 4. Chapter 5 also compares

and contrasts Data Envelopment Analysis and Multiple Objective Linear Programming, providing some cornerstones for approaches presented later in the book. Chapter 6 discusses the traditional approaches to take into account preference information in DEA. In Chapter 7, Value Efficiency is introduced, and Chapter 8 discusses practical aspects. Some extensions are presented in Chapter 9, and in Chapter 10 Value Efficiency is extended to cover the case when a production possibility set is not convex. Three implemented applications are reviewed in Chapter 11.

New Perspectives in Operations Research and Management Science

This book presents innovative operations research applications in business, specifically industrial engineering and its sub-disciplines. It investigates new perspectives in operations research and management science with regard to research methods, the research context, and industrial engineering, offering readers a broad range of new approaches to management problems. The book features the latest work of researchers who have worked with Professor Fusun Ulengin or built upon her work in their academic careers. Written in honor of Prof. Ulengin, this book was edited by her former Ph.D. students, who are now experts in operations research, multiple criteria decision making, competitiveness, logistics, and supply chain management. Prof. Ulengin's impact in academia is visible in the range of topics and methodologies featured in this book: Location and transportation problems, competitiveness of nations, food supply chains, debt collection, mathematical modelling, multiple criteria decision making, data envelopment analysis, random forests, and Bayesian networks.

Decision Making and Performance Evaluation Using Data Envelopment Analysis

This book offers new transparent views and step-by-step methods for performance evaluation of a set of units using Data Envelopment Analysis (DEA). The book has twelve practical chapters. Elementary concepts and definitions are gradually built in Chapters 1-6 based upon four examples of one input and one output factors, two input factors, two output factors, and four input and three output factors. Simultaneously, the mathematical foundations using linear programming are also introduced without any prerequisites. A reader with basic knowledge of mathematics and computers is able to understand the contents of the book. In addition, to prevent pre-judgment about the available concepts and definitions in the DEA literature, some new phrases are introduced and, after elucidating each phrase in detail in Chapters 1-6, they are reintroduced for industry-wide accuracy in Chapter 7. After that, some of the more advanced DEA topics are illustrated in Chapters 8-12, such as: production-planning problems, output-input ratio analysis, efficiency over different time periods, Malmquist efficiency indexes, and a delta neighborhood model. A clear overview of many of the elementary and advanced concepts of DEA is provided, including Technical Efficiency, Relative Efficiency, Cost/Revenue/Profit Efficiency, Price/Overall Efficiency, the DEA axioms, the mathematical background to measure technical efficiency and overall efficiency, the multiplier/envelopment form of basic DEA models in input/output-orientation, the multiplier/envelopment of Additive DEA model, the multiplier/envelopment of slacks-based models, and others. The book also covers a variety of DEA techniques, input-output ratio analysis, the natural relationships between DEA frontier and the ratio of output to input factors, production-planning problems, planning ideas with a centralized decision-making unit, context-dependent DEA, Malmquist efficiency index, efficiency over different time periods, and others. End-of-chapter exercises are provided for each chapter.

Handbook of Research on Strategic Performance Management and Measurement Using Data Envelopment Analysis

Organizations can use the valuable tool of data envelopment analysis (DEA) to make informed decisions on developing successful strategies, setting specific goals, and identifying underperforming activities to improve the output or outcome of performance measurement. The Handbook of Research on Strategic Performance Management and Measurement Using Data Envelopment Analysis highlights the advantages of using DEA as a tool to improve business performance and identify sources of inefficiency in public and private organizations. These recently developed theories and applications of DEA will be useful for policymakers, managers, and practitioners in the areas of sustainable development of our society including environment, agriculture, finance, and higher education sectors.

Stochastic Benchmarking

This book introduces readers to benchmarking techniques in the stochastic environment, primarily stochastic data envelopment analysis (DEA), and provides stochastic models in DEA for the possibility

of variations in inputs and outputs. It focuses on the application of theories and interpretations of the mathematical programs, which are combined with economic and organizational thinking. The book's main purpose is to shed light on the advantages of the different methods in deterministic and stochastic environments and thoroughly prepare readers to properly use these methods in various cases. Simple examples, along with graphical illustrations and real-world applications in industry, are provided for a better understanding. The models introduced here can be easily used in both theoretical and real-world evaluations. This book is intended for graduate and PhD students, advanced consultants, and practitioners with an interest in quantitative performance evaluation.

Managing Service Productivity

This volume describes how frontier efficiency methodologies such as Data Envelopment Analysis (DEA) and other techniques such as multi-criteria decision making can help service industries to improve their performance by providing a ranking of best-practice efficient service units and by identifying sources of inefficiency for each service unit. It explains how they can be used to determine potential improvement targets for each of the inefficient service units, to identify peers for each service organization and to provide a basis for continuous performance improvement. Presenting applications in a variety of industries, this book will be useful for the service management to improve service productivity, profitability, sustainability and quality and effectiveness of service deliveries. A free trial version of the World's leading Data Envelopment Analysis Software (PIM-DEA) is available for readers of this book.

Health Care Benchmarking and Performance Evaluation

This new edition continues to emphasize the use of data envelopment analysis (DEA) to create optimization-based benchmarks within hospitals, physician group practices, health maintenance organizations, nursing homes and other health care delivery organizations. Suitable for graduate students learning DEA applications in health care as well as for practicing administrators, it is divided into two sections covering methods and applications. Section I considers efficiency evaluations using DEA; returns to scale; weight restricted (multiplier) models; non-oriented or slack-based models, including in this edition two versions of non-controllable variable models and categorical variable models; longitudinal (panel) evaluations and the effectiveness dimension of performance evaluation. A new chapter then looks at new and advanced models of DEA, including super-efficiency, congestion DEA, network DEA, and dynamic network models. Mathematical formulations of various DEA models are placed in end-of-chapter appendices. Section II then looks at health care applications within particular settings, chapter-by-chapter, including hospitals, physician practices, nursing homes and health maintenance organizations (HMOs). Other chapters then explore home health care and home health agencies; dialysis centers, community mental health centers, community-based your services, organ procurement organizations, aging agencies and dental providers; DEA models to evaluate provider performance for specific treatments, including stroke, mechanical ventilation and perioperative services. A new chapter then examines international-country-based applications of DEA in health care in 16 different countries, along with OECD and multi-country studies. Most of the existing chapters in this section were expanded with recent applications. Included with the book is online access to a learning version of DEA Solver software, written by Professor Kaoru Tone, which can solve up to 50 DMUs for various DEA models listed in the User's Guide at the end of the book.

Data Envelopment Analysis with R

This book introduces readers to the use of R codes for optimization problems. First, it provides the necessary background to understand data envelopment analysis (DEA), with a special emphasis on fuzzy DEA. It then describes DEA models, including fuzzy DEA models, and shows how to use them to solve optimization problems with R. Further, it discusses the main advantages of R in optimization problems, and provides R codes based on real-world data sets throughout. Offering a comprehensive review of DEA and fuzzy DEA models and the corresponding R codes, this practice-oriented reference guide is intended for masters and Ph.D. students in various disciplines, as well as practitioners and researchers.

Data Envelopment Analysis

Using the neo-classical theory of production economics as the analytical framework, this book, first published in 2004, provides a unified and easily comprehensible, yet fairly rigorous, exposition of

the core literature on data envelopment analysis (DEA) for readers based in different disciplines. The various DEA models are developed as nonparametric alternatives to the econometric models. Apart from the standard fare consisting of the basic input- and output-oriented DEA models formulated by Charnes, Cooper, and Rhodes, and Banker, Charnes, and Cooper, the book covers developments such as the directional distance function, free disposal hull (FDH) analysis, non-radial measures of efficiency, multiplier bounds, mergers and break-up of firms, and measurement of productivity change through the Malmquist total factor productivity index. The chapter on efficiency measurement using market prices provides the critical link between DEA and the neo-classical theory of a competitive firm. The book also covers several forms of stochastic DEA in detail.

Data Envelopment Analysis

Data Envelopment Analysis (DEA) represents a milestone in the progression of a continuously advancing methodology for data analysis, which finds extensive use in industry, society and even in education. This book is a handy encyclopedia for researchers, students and practitioners looking for the latest and most comprehensive references in DEA. J.K. Mantri has specifically selected 22 research papers where DEA is applied in different fields so that the techniques discussed in this book can be used for various applications. In *A Bibliography of Data Envelopment Analysis (1978-2001)*, Gabriel Tavares states that DEA is a mathematical programme for measuring performance efficiency of organizations popularly named as decision-making units (DMU). The DMU can be of any kind such as manufacturing units, a number of schools, banks, hospitals, police stations, firms, etc. DEA measures the performance efficiency of these kinds of DMUs, which share a common characteristic: they have a non-profit organization where measurement is difficult. DEA assumes the performance of the DMU using the concepts of efficiency and productivity, which are measured as the ratio of total outputs to total inputs. The efficiencies estimated are relative to the best performing DMU, which is given a score of 100%. The performance of other DMUs varies between 0% and 100%.

Research Methodology on Data Envelopment Analysis (DEA)

This book provides a comprehensive and practical introduction to Data Envelopment Analysis (DEA). It explains how this non-parametric technique is used to measure performance and extract efficiency from homogeneous entities within a production procedure. It situates DEA within a growing field of productivity analysis and performance measurement, for which numerous models have been proposed. This book encapsulates all of the advances in DEA models proposed in the literature. These models are presented in the context of the GAMS software, which is a powerful tool for mathematical programming models. This book serves two educational purposes: it introduces readers to DEA models and provides examples using GAMS. In addition, the reader is introduced to GAMS programming, as well as innovative and practical applications. GAMS codes are available for free, allowing readers to test and expand the models to meet their specific needs.

Data Envelopment Analysis with GAMS

This book offers a comprehensive reference guide to operations research theory and applications in health care systems. It provides readers with all the necessary tools for solving health care problems. The respective chapters, written by prominent researchers, explain a wealth of both basic and advanced concepts of operations research for the management of operating rooms, intensive care units, supply chain, emergency medical service, human resources, lean health care, and procurement. To foster a better understanding, the chapters include relevant examples or case studies. Taken together, they form an excellent reference guide for researchers, lecturers and postgraduate students pursuing research on health care management problems. The book presents a dynamic snapshot on the field that is expected to stimulate new directions and stimulate new ideas and developments.

Operations Research Applications in Health Care Management

This second edition systematically presents the underlying theory, model development, and applications of network Data Envelopment Analysis (DEA). It discusses the models used to measure the efficiency of systems in specific network structures and introduces readers to the latest applications. It demonstrates how the "network DEA" approach helps identify and manage the specific components that cause inefficiencies in the overall system. The existing models for measuring the efficiency of systems in specific network structures are also discussed, and the relationships between system efficiency and component efficiency are explored. Moreover, the book provides an advanced exposition

on performance evaluation of systems with network structures. It explores the networked nature of most production and operation systems, and explains why network analyses are necessary. Accordingly, the book will inspire new research and applications based on the state of the art. In this new edition, the latest research advances and discoveries are discussed. Two new chapters on Linkage Efficiency and External and Internal Evaluations have been added. This book is mainly aimed at researchers and graduate students who are interested in performance evaluation, DEA, and multi-criteria decision analysis. Practitioners who want to measure the performance of production, operation, or any type of decision-making units will also find it useful.

Network Data Envelopment Analysis

Introduces a bold, new model for energy industry pollution prevention and sustainable growth Balancing industrial pollution prevention with economic growth is one of the knottiest problems faced by industry today. This book introduces a novel approach to using data envelopment analysis (DEA) as a powerful tool for achieving that balance in the energy industries—the world's largest producers of greenhouse gases. It describes a rigorous framework that integrates elements of the social sciences, corporate strategy, regional economics, energy economics, and environmental policy, and delivers a methodology and a set of strategies for promoting green innovation while solving key managerial challenges to greenhouse gas reduction and business growth. In writing this book the authors have drawn upon their pioneering work and considerable experience in the field to develop an unconventional, holistic approach to using DEA to assess key aspects of sustainability development. The book is divided into two sections, the first of which lays out a conventional framework of DEA as the basis for new research directions. In the second section, the authors delve into conceptual and methodological extensions of conventional DEA for solving problems of environmental assessment in all contemporary energy industry sectors. Introduces a powerful new approach to using DEA to achieve pollution prevention, sustainability, and business growth Covers the fundamentals of DEA, including theory, statistical models, and practical issues of conventional applications of DEA Explores new statistical modeling strategies and explores their economic and business implications Examines applications of DEA to environmental analysis across the complete range of energy industries, including coal, petroleum, shale gas, nuclear energy, renewables, and more Summarizes important studies and nearly 800 peer reviewed articles on energy, the environment, and sustainability Environmental Assessment on Energy and Sustainability by Data Envelopment Analysis is must-reading for researchers, academics, graduate students, and practitioners in the energy industries, as well as government officials and policymakers tasked with regulating the environmental impacts of industrial pollution.

Environmental Assessment on Energy and Sustainability by Data Envelopment Analysis

Drawn from a conference honoring Gerald L. Thompson, the pioneer of operations research, this volume brings together some of the latest writings of major figures in the field. The volume is divided into four parts: the first part reviews the career and significance of Thompson, the second concentrates on linear and nonlinear optimization, the third looks at network and integer programming, and the fourth provides examples of applications-oriented research in manufacturing. This volume will be an invaluable resource for all scholars and researchers involved in theory and methodology in operations research and management science.

Operations Research

Hugely relevant in today's world of healthcare performance management, this comprehensive work applies the analytical framework of Data Envelopment Analysis methodology to provide health care administrators with specific tools for performance evaluation. Most important, the book provides health care practitioners and administrators with information of what is lacking in specific aspects of performance and then outlines the ways how these performance inadequacies can be improved.

Health Care Benchmarking and Performance Evaluation

This book provides a complete analysis of educational production and costs using the nonparametric technique known as Data Envelopment Analysis (DEA). The book focuses on estimation of technical, allocative and scale efficiency in the public sector characterized by the influence of exogenous socio-economic variables. State of the art DEA models will be presented and fully discussed. Specific education topics important to policy makers including adequacy, technical, allocative and scale efficiency, productivity and environmental costs will be analyzed. To illustrate how these techniques

can be applied to school systems worldwide, the authors use data on Australian elementary and high schools to develop nonparametric measures that will help inform current policy debate in Australia. The purpose of the book is to provide a comprehensive analysis of educational production using numerous public sector DEA models. We provide a review of DEA with SAS programming code to estimate technical, scale and allocative efficiency in chapter 2. In chapter 3, we extend the DEA models to control for exogenous factors of production. SAS code is also provided to estimate all public sector models. We use simulated data to illustrate the results. Chapters 4–6 provide a complete analysis of the primary and secondary schools. We analyze input and output oriented models and derive measures of technical, allocative and scale efficiency. We also provide estimates of environmental costs that arise from schools facing different operating environments based on socioeconomic conditions. In addition, we show how DEA can provide insight on adequacy—the minimum cost of providing a pre-defined adequate education. The models presented are consistent with public sector production in general and educational production in particular. We also provide a complete analysis of educational productivity for both primary and secondary schools using state of the art public sector Malmquist measures. The authors use current data on Australian schools to highlight important policy questions related to efficiency and productivity given concerns that schools are not allocatively scarce resources in an economic efficient way. This research focus comes at an important watershed moment in the Australian Federal Governments' current involvement in designing new nationally consistent funding models for both government and non-government schooling sectors with effect from 2014. A new National School Resourcing Standard is proposed to be implemented signaling a move to resource adequacy, school efficiency and value for money dimensions. These standards are consistent with the measures presented and estimated in this book. As a result, the models implemented in this book can serve as the basis to evaluate the funding changes associated with the transition from a 'centralized' to a new 'decentralized' set of school funding arrangements.

Nonparametric Estimation of Educational Production and Costs using Data Envelopment Analysis

Arising from the urgent operational issues of World War II, the philosophy and methodology of Operations Research (OR) has permeated the resolution of decision problems in business, industry, and government. This work recounts the evolution of OR as the science of decision making. It chronicles the history of OR in the form of expository entries.

An Annotated Timeline of Operations Research

From 1972 to 1974, I was working on a PhD thesis entitled Multiple Server Queues with Service Time Depending on Waiting Time. The method of analysis was the embedded Markov chain technique, described in the papers [82] and [77]. My analysis involved lengthy, tedious derivations of systems of integral equations for the probability density function (pdf) of the waiting time. After pondering for many months whether there might be a faster, easier way to derive the integral equations, I finally discovered the basic theorems for such a method in August, 1974. The theorems establish a connection between sample-path level-crossing rates of the virtual wait process and the pdf of the waiting time. This connection was not found anywhere else in the literature at the time. I immediately developed a comprehensive new methodology for deriving the integral equations based on these theorems, and called it system point theory. (Subsequently it was called system point method, or system point level crossing method: SPLC or simply LC.) I rewrote the entire PhD thesis from November 1974 to March 1975, using LC to reach solutions. The new thesis was called System Point Theory in Exponential Queues. On June 12, 1975 I presented an invited talk on the new methodology at the Fifth Conference on Stochastic Processes and their Applications at the University of Maryland. Many queueing theorists were present.

Level Crossing Methods in Stochastic Models

This book presents carefully selected chapters from the proceedings of the 6th International Scientific Conference on Business and Economics (ISCBE), Tetovo, North Macedonia, which took place in May 2023. The chapters address a wide range of areas relevant to contemporary business and economics issues such as economic shocks, high inflation, energy crisis, COVID-19, growth prospects, economic forecast, labor market, gender inequalities, migration, entrepreneurship, and family businesses, firm development and innovations, technological transformation, etc. Researchers learn about the latest studies that discuss emerging challenges and perspectives of business and economics in the perspective of post-crisis economic recovery, consolidation, and stability.

Economic Recovery, Consolidation, and Sustainable Growth

Dissociative Identity Disorder (DID) Diagnosis in Adolescents and Young Adults - Dissociative Identity Disorder (DID) Diagnosis in Adolescents and Young Adults by Utah Center for Evidence Based Treatment 8,611 views 9 months ago 1 hour, 55 minutes - Dissociative Identity Disorder (DID) is a diagnosis that has been mired in controversy even before social media has broadened ...

Introduction

What is dissociation

Dissociation chart

Dissociation spectrum

Symptoms

Diagnostic Criteria

Important Vocabulary

Types of Structural Dissociation

Normal Parts

Questions

Red Flags

Barriers to Diagnosis

Common Misconceptions

Did vs Schizophrenia

CanDID resolve

Other Pieces

Alters

Split

Pieces

Worldwide prevalence

The Relationship Between Dissociation and Panic Symptoms in Adolescence - The Relationship Between Dissociation and Panic Symptoms in Adolescence by Association for Child and Adolescent Mental Health 45 views 9 days ago 16 minutes - DOI: 10.13056/acamh.26252 In this Papers Podcast, Lottie Shipp discusses her JCPP Advances paper 'The relationship between ...

Adverse Childhood Experiences (ACEs): Impact on brain, body and behaviour - Adverse Childhood Experiences (ACEs): Impact on brain, body and behaviour by IHDCYH Talks | Entretiens de l'IDSEA 630,671 views 5 years ago 6 minutes, 3 seconds - Andrea Gonzalez, McMaster University.

Childhood Trauma and the Brain | UK Trauma Council - Childhood Trauma and the Brain | UK Trauma Council by Anna Freud 2,972,139 views 3 years ago 5 minutes, 11 seconds - A general introduction to what happens in the brain after **children**, face traumatic experiences in **childhood**, like abuse and neglect.

Intro

Latent Vulnerability

Social Thinning

Reward system

Recognizing and Treating Trauma-Related Symptoms in Children and Adolescents With Autism - Recognizing and Treating Trauma-Related Symptoms in Children and Adolescents With Autism by Seattle Children's 29,278 views 3 years ago 1 hour, 36 minutes - Children and adolescents, with **developmental**, disabilities have an increased likelihood of experiencing abuse or neglect.

Introduction

Who am I

Community Mental Health

Emotions

Objectives

Definition of Trauma

Adverse Childhood Experiences

Risk Factors

Thoughts

Prevalence

Developmental Disabilities

Research

Challenging Behaviors

Core Components

Avoidance

5 Signs of Dissociation - 5 Signs of Dissociation by Kati Morton 887,418 views 3 years ago 8 minutes, 25 seconds - Today we are going to talk about the 5 signs of **dissociation**, because it's more common than most people think. Research shows ...

The PTSD brains of children & soldiers - BBC News - The PTSD brains of children & soldiers - BBC News by BBC News 123,305 views 8 years ago 1 minute, 37 seconds - Scientists have discovered that the brain structures of traumatised soldiers and **children**, change in the same way. Subscribe to ...

What is dissociation and why do children dissociate? - What is dissociation and why do children dissociate? by Pandemic Parenting 1,666 views 2 years ago 2 minutes, 14 seconds - _____

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Switching Alters: Our experience - Switching Alters: Our experience by MultiplicityAndMe 3,273,148 views 5 years ago 8 minutes, 30 seconds - One of our most requested finally acknowledged - We show what a switch looks like on camera (that may take you by surprise) as ...

(How To Get Around The World When You're Highly Sensitive Person (- (How To Get Around The World When You're Highly Sensitive Person (by Your Inner Child Matters 524,323 views 9 months ago 4 minutes, 28 seconds - How to Get Around the World When You're Highly Sensitive Are you an Highly Sensitive Person {HSP} looking for advice in ...

The Dissociation Spectrum + What Causes Dissociative Disorders? - The Dissociation Spectrum + What Causes Dissociative Disorders? by Kati Morton 200,123 views 6 months ago 9 minutes, 43 seconds - Let's talk about **dissociation**, & the **dissociation**, spectrum. I get asked a lot do you have to have trauma or have had PTSD to ...

DISSOCIATIVE EPISODE

SPACE OUT

Dissociative fugue

MALADAPTIVE DAYDREAMING

Adaptive coping skills

PERSISTENT DISSOCIATION

Understanding Dissociative Identity Disorder - Understanding Dissociative Identity Disorder by De-mystifying Medicine McMaster 423,965 views 2 years ago 4 minutes, 34 seconds - Dissociative identity disorder is when an individual develops alternate personalities that function with or without the awareness of ...

Dissociative Identity Disorder

Structural Alterations

Treatment Approach

Treatment Methods

ACES: Adverse Childhood Experiences - ACES: Adverse Childhood Experiences by Conversations For Caring 2,877 views 9 months ago 8 minutes, 15 seconds - This Spotlight is designed to better understand the long-term effects of Adverse **Childhood**, Experiences, or ACE's. #trauma #ptsd ...

Our Littles | Dissociative Identity Disorder | Switch On Camera | REUPLOAD - Our Littles | Dissociative Identity Disorder | Switch On Camera | REUPLOAD by DissociaDID 381,700 views 2 years ago 9 minutes, 37 seconds - THIS VIDEO IS A RE-UPLOAD OF AN ORIGINAL VIDEO FIRST POSTED TO YOUTUBE.COM/DISSOCIADID ON: 6th September ...

Living with Complex PTSD (And Constant Dissociation) - Living with Complex PTSD (And Constant Dissociation) by Special Books by Special Kids 595,691 views 1 year ago 19 minutes - Yasmin is diagnosed with Complex PTSD. She frequently catastrophizes, believing that everything will turn into a disaster.

5 Signs You Had A Traumatic Childhood (And Don't Realize It) - 5 Signs You Had A Traumatic Childhood (And Don't Realize It) by Psych2Go 814,673 views 1 year ago 4 minutes, 46 seconds - There are many types of **childhood**, trauma that can range from events like physical abuse, sexual abuse, emotional abuse, ...

Intro

What is a traumatic childhood

Childish reactions
Insecure attachment
Conflict avoidance
Low selfworth
Risky behavior

6 ways to heal trauma without medication | Bessel van der Kolk | Big Think - 6 ways to heal trauma without medication | Bessel van der Kolk | Big Think by Big Think 4,824,115 views 2 years ago 8 minutes, 53 seconds - Conventional psychiatric practices tell us that if we feel bad, take this drug and it will go away. But after years of research with ...

Adverse Childhood Experiences - The ACE Questionnaire: What is Your ACE Score? - Adverse Childhood Experiences - The ACE Questionnaire: What is Your ACE Score? by Children of Narcissists 4,748 views 1 year ago 10 minutes, 31 seconds - Adverse **Childhood**, Experiences (ACEs) are "highly stressful, and potentially traumatic, events or situations that occur during ...

How to Talk to a Child Who is Dissociating - How to Talk to a Child Who is Dissociating by Pandemic Parenting 609 views 2 years ago 2 minutes, 44 seconds - _____ Want to learn more about Roadmap to Resilience? Visit <https://www.roadmaptoresilience.org/> to learn more, listen to ...

Understanding Trauma | Phoenix Australia - Understanding Trauma | Phoenix Australia by Phoenix Australia 86,358 views 3 years ago 2 minutes, 22 seconds - Traumatic events are common, and most people will experience at least one during their lives. Trauma comes in many forms and ...

Childhood Trauma: The Lives of the Neglected Children - Childhood Trauma: The Lives of the Neglected Children by Sprouts 760,880 views 2 years ago 6 minutes - Children, who experience physical, cognitive or emotional neglect, often face anxiety. As a result, their body produces stress ...

Neglect Theory
Daniel Rucareanu's story

Cognitive Neglect
Physical Neglect
Emotional Neglect

Ending

Why Are Teens So Moody? - Why Are Teens So Moody? by AsapSCIENCE 4,722,253 views 8 years ago 3 minutes, 58 seconds - Written by Rachel Salt, Mitchell Moffit and Gregory Brown FOLLOW US! Instagram and Twitter: @whalewatchmeplz and ...

Developmental Trauma Disorder: Understanding and Working with Dissociative States - Developmental Trauma Disorder: Understanding and Working with Dissociative States by Center for Developmental Trauma 771 views 3 years ago 16 minutes - In this dramatized therapy session, you meet Adam, a 15-year-old Caucasian male who grew up in the suburbs outside of ...

Introduction

Storytime

Interview

Discussion

Trauma and the Nervous System: A Polyvagal Perspective - Trauma and the Nervous System: A Polyvagal Perspective by The Trauma Foundation 737,172 views 3 years ago 8 minutes, 58 seconds - This video was developed to give a basic introduction and overview of how trauma and chronic stress affects our nervous system ...

ACT Mindfully: Acceptance and Commitment Therapy with Children & Adolescents - ACT Mindfully: Acceptance and Commitment Therapy with Children & Adolescents by Utah Center for Evidence Based Treatment 12,404 views 2 years ago 53 minutes - Originally presented: Friday, March 12, 2021 Acceptance and Commitment Therapy (ACT) is an evidence based therapy ...

Intro

Goals

Mindfulness

Doing What Matters

Opening Up

Cognitive Diffusion

Experiential Exercise

Avoidance

Acceptance

The Stuck Matrix

The Measure

The Community

Resources

Closing

Complex Trauma in Children | Counselor Toolbox Episode 116 - Complex Trauma in Children | Counselor Toolbox Episode 116 by Doc Snipes 21,910 views 6 years ago 1 hour, 6 minutes - Nurses, addiction and #mentalhealth #counselors, #socialworkers and marriage and family#therapists can earn #CEUs for this ...

Introduction

Defining Complex Trauma

Impacts of Complex Trauma

Adverse Childhood Experiences

Effects of Adverse Childhood Experiences

Physical Emotional Neglect

National Incident Study

Domains of Impairment

Secure Attachment

Ambivalent Attachment

Behavior

Consequences of Poor Attachment

CPT

Boundaries

Models

Allies

Physical Contact

Emotional Self Regulation

Behavioral Control Impairments

The Good News

Restoration of Secure Caregiver

Common Diagnosis

Oppositional Defiance Disorder

Generalized Anxiety Disorder

Reactive Attachment Disorder

Things to consider when discussing your Dissociative Identity Disorder with children and adolescents

- Things to consider when discussing your Dissociative Identity Disorder with children and adolescents by The CTAD Clinic 5,501 views 3 years ago 12 minutes, 27 seconds - In this video, Dr Mike Lloyd (Director of the CTAD Clinic) talks about issues with explaining Dissociative Identity Disorder (DID) to ...

TALKING ABOUT D.I.D. WITH KIDS DOES NOT MEAN TALKING ABOUT TRAUMA

CONSIDER TIMING - BE AGE APPROPRIATE

BE CONFIDENT - DON'T SHOW FEAR OR STRESS

BE HONEST - KIDS KNOW WHEN YOU ARE LYING

KIDS ARE GOOD AT BEING INVOLVED IN HEALTH SITUATIONS

BE AWARE OF SAFEGUARDING ISSUES WITH KIDS

Neurodevelopment Mechanisms Linking Early-Life Adversity With Child and Adolescent Psychopathology - Neurodevelopment Mechanisms Linking Early-Life Adversity With Child and Adolescent Psychopathology by UCSF Dept. of Psychiatry and Behavioral Sciences 3,273 views 4 years ago 1 hour, 4 minutes - Harvard University's Katie McLaughlin, PhD, talks about the emotional, cognitive, and neural mechanisms linking different forms of ...

Intro

Childhood Adversity

Adversity and Psychopathology

Clustering of Adversity

The ACEs Approach

Threat Exposure

Neurodevelopmental Mechanisms

Trauma and Amygdala Reactivity

Trauma and Neural Response to Threat Cues

Boston Marathon Bombing

Amygdala Reactivity and PTSD Symptoms

Transdiagnostic Psychopathology Risk

Fear Learning and Extinction
Neural Correlates of Fear Learning
Amygdala Functional Connectivity
Amygdala-Hippocampus Functional Connectivity and Psychopathology
Threat Summary
Sensory Deprivation
Social & Cognitive Deprivation
Bucharest Early Intervention Project
Institutional Rearing as Deprivation
Cortical Grey Matter
Institutionalization & ADHD
Socio-economic Status
SES & Cortical Thickness
Cognitive Stimulation as a Mechanism
Executive Functioning
Dorsolateral PFC Structure
Superior Parietal Structure
Frozen By Dissociation - Dr Karen Treisman - Frozen By Dissociation - Dr Karen Treisman by
onlineevents.co.uk 864 views 7 years ago 1 minute, 51 seconds - In this event, Karen talked about her
experience of working with **children**, & **adolescents**, around the world who have experienced ...
Search filters
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General
Subtitles and closed captions
Spherical videos

pathological causes, which in turn is divided into primary, secondary and tertiary dissociation. Accord-
ing to this theory, primary dissociation prototypically involves... 150 KB (16,459 words) - 18:58, 11
March 2024
body representation, motor control, and behavior." People with dissociative disorders also use disso-
ciation as a defense mechanism involuntarily. The... 38 KB (4,181 words) - 17:27, 11 March 2024
gain formal recognition in the DSM-IV, the concept was re-packaged for children and adolescents and
given a new name, developmental trauma disorder. Supporters... 75 KB (8,361 words) - 01:21, 9 March
2024
(2014). "Media use and ADHD-related behaviors in children and adolescents: A meta-analysis".
Developmental Psychology. American Psychological Association... 239 KB (26,469 words) - 12:40, 12
March 2024
post traumatic stress disorder symptoms, and dissociation. Another study found that in most cases
when children did disclose abuse, the person they talked... 170 KB (18,656 words) - 11:59, 9 March
2024
care of children. Developmental change may occur as a result of genetically controlled processes,
known as maturation, or environmental factors and learning... 181 KB (21,845 words) - 14:57, 11 March
2024
the Assessment and Treatment of Psychiatric Disorders in Children and Adolescents With Intellectual
Disability (Intellectual Developmental Disorder)". Journal... 89 KB (9,921 words) - 08:05, 8 February
2024
"Intervention for optimal outcome in children and adolescents with a history of autism". Journal of
Developmental and Behavioral Pediatrics. 35 (4): 247–256... 233 KB (25,169 words) - 13:19, 12 March
2024
and 30% more likely to commit violent crime. Disorganized attachment is associated with a number of
developmental problems, including dissociative symptoms... 209 KB (22,936 words) - 16:28, 1 March
2024
"Pharmacological treatment options for autism spectrum disorders in children and adolescents".
Harvard Review of Psychiatry. 16 (2): 97–112. doi:10.1080/10673220802075852... 115 KB (12,222
words) - 20:52, 5 March 2024
disorder in children, or pediatric bipolar disorder (PBD), is a rare mental disorder in children and
adolescents. The diagnosis of bipolar disorder in children... 30 KB (3,481 words) - 13:11, 15 February
2024

environmental, and cultural factors. Diagnosis can be given at any age, although gender dysphoria in children and adolescents may manifest differently than in adults... 115 KB (11,896 words) - 19:00, 9 March 2024

challenges in regulating emotional states to a healthy, stable baseline. Symptoms such as dissociation—a feeling of detachment from reality, a pervasive... 189 KB (19,483 words) - 01:46, 13 March 2024

Steinberg, Laurence (March 2008). "A social neuroscience perspective on adolescent risk-taking". *Developmental Review*. 28 (1): 78–106. doi:10.1016/j... 75 KB (8,989 words) - 07:26, 7 March 2024

instead can manifest with physical and psychological symptoms such as dissociation. Many have found that dissociation can be a predictor of developing posttraumatic... 36 KB (4,537 words) - 18:05, 19 October 2023

"Mental Health Among Late Adolescents and Young Adults from a Population-Level and Clinical Perspective", *AM:STARs Adolescent Medicine*, American Academy... 105 KB (13,395 words) - 17:50, 11 March 2024

perspective-taking, theory of mind is defined as cognitive perspective-taking. Research on theory of mind, in humans and animals, adults and children... 126 KB (15,856 words) - 02:27, 12 March 2024

Additionally, the social environment that a school fosters impacts adolescents attachment behavior, even if these same adolescents have not had issues with attachment... 189 KB (21,995 words) - 07:08, 6 March 2024

resourceful adolescent parent program (RAP-P), intensive interpersonal psychotherapy for adolescents (IPT-A-IN), mentalization-based treatment for adolescents (MBT-A)... 102 KB (11,315 words) - 17:20, 6 March 2024

Parent-Reported ADHD Diagnosis and Associated Treatment Among U.S. Children and Adolescents, 2016". *Journal of Clinical Child & Adolescent Psychology*. 47 (2): 199–212... 27 KB (3,007 words) - 03:28, 8 March 2024

Event Marketing HOW TO SUCCESSFULLY PROMOTE ...

1. Communicate. There is a large array of resources available for event managers to communicate on the Web. · 2. Cut Costs. The Internet offers a wide array of ...

Event Marketing: How to Successfully Promote ...

Designing a campaign that attracts attention, motivates people to attend, and achieves the goals of the event organizers requires creativity, effort, and the ...

Event Marketing: How to Successfully Promote ...

Event Marketing: How to Successfully Promote Events, Festivals, Conventions, and Expositions [Hoyle, Leonard H.] on Amazon.com.

Event Marketing: How to Successfully Promote ...

A modern, completely updated guide to effective event marketing As the events market becomes increasingly saturated, it is essential for a successful event ...

Event Marketing: How to Successfully Promote ...

The book covers marketing for all types of events, including festivals, corporate and association events, and social functions, and a full chapter on digital ...

How to Successfully Promote Events, Festivals, Conventions

Title, Event Marketing: How to Successfully Promote Events, Festivals, Conventions, and Expositions Wiley E-Text Reg Card The Wiley Event Management Series.

Event Marketing HOW TO SUCCESSFULLY PROMOTE ...

12 Nov 2021 — Event Marketing HOW TO SUCCESSFULLY PROMOTE EVENTS, FESTIVALS, CONVENTIONS, AND EXPOSITIONS ... Expositions (The Wiley Event Management Series) ...

Event Marketing How to Successfully Promote ...

Event Marketing How to Successfully Promote Events, Festivals, Conventions, and Expositions (The Wiley Event Management... (Leonard H. Hoyle) (z-lib. Course ...

Event Marketing : How To Successfully Promote ...

Designing a campaign that attracts attention, motivates people to attend, and achieves the goals of the event organizers requires creativity, effort, and the ...

Event Marketing: How to Successfully Promote ...

A modern, completely updated guide to effective event marketing As the events market becomes increasingly saturated, it is essential for a successful event ...

In Defense of Judicial Elections

One of the most contentious issues in politics today is the propriety of electing judges. Ought judges be independent of democratic processes in obtaining and retaining their seats, or should they be subject to the approval of the electorate and the processes that accompany popular control? While this debate is interesting and often quite heated, it usually occurs without reference to empirical facts--or at least accurate ones. Also, empirical scholars to date have refused to take a position on the normative issues surrounding the practice. Bonneau and Hall offer a fresh new approach. Using almost two decades of data on state supreme court elections, Bonneau and Hall argue that opponents of judicial elections have made—and continue to make—erroneous empirical claims. They show that judicial elections are efficacious mechanisms that enhance the quality of democracy and create an inextricable link between citizens and the judiciary. In so doing, they pioneer the use of empirical data to shed light on these normative questions and offer a coherent defense of judicial elections. This provocative book is essential reading for anyone interested in the politics of judicial selection, law and politics, or the electoral process. Part of the Controversies in Electoral Democracy and Representation series edited by Matthew J. Streb.

Rethinking American Electoral Democracy

Is the cure for the ills of democracy more democracy? Is it possible to have too much democracy in a well-functioning government? What should a model electoral democracy look like? In this critical examination of the state of American electoral process, Matthew Streb analyzes the major debates that embroil scholars and reformers on subjects ranging from the number of elections we hold and the use of nonpartisan elections, to the presidential nominating process and campaign finance laws. Ultimately, Streb makes an argument for a less burdensome democracy, a democracy in which citizens can participate more easily. This book is designed to get students of elections and American political institutions to think critically about what it means to be democratic and how democratic the United States really is. Part of the Controversies in Electoral Democracy and Representation series, edited by Matthew J. Streb. Matthew J. Streb is Assistant Professor of Political Science at Northern Illinois University. He is the author *The New Electoral Politics of Race*, and the editor or co-editor of five other books including *Running for Judge*.

Rethinking American Electoral Democracy

While frustration with various aspects of American democracy abound in the United States, there is little agreement over, or even understanding of, what kinds of changes would make the system more effective and increase political participation. Matthew J. Streb sheds much needed light on all the major concerns of the electoral process in this timely book on improving American electoral democracy. This critical examination of the rules and institutional arrangements that shape the American electoral process analyzes the major debates that embroil scholars and reformers on subjects ranging from the number of elections we hold and the use of nonpartisan elections, to the presidential nominating process and campaign finance laws. Ultimately, Streb argues for a less burdensome democracy, a democracy in which citizens can participate more easily in transparent, competitive elections. This book is designed to get students of elections and American political institutions to think critically about what it means to be democratic and how democratic the United States really is. Part of the Controversies in Electoral Democracy and Representation series, edited by Matthew J. Streb.

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Electoral Management Design

This Handbook was developed for electoral administrators and those involved in reforming EMBs. It provides comparative experience of and best practices on EMB structures and funding models, as well as means for evaluating performance. A range of case studies illustrate examples from specific contexts in Afghanistan, Armenia, Bosnia and Herzegovina, Cambodia, Costa Rica, Haiti, India, Kenya, the Republic of Korea, Liberia, Mexico, Nigeria, Norway, Senegal, Republic of Seychelles, Timor-Leste, Tonga, Tunisia, Ukraine, the United Kingdom and the United States. This new and revised edition of the 2006 International IDEA Handbook includes updated country-level data and case studies and significantly expanded sections on the role of gender, professional development and technology in elections.

Helping America Vote

A repeat of the Florida debacle in the 2000 presidential election is the fear of every election administrator. Despite the relatively complication-free 2008 election, we are working with fairly new federal legislation designed to ease election administration problems. The implementation of the Help America Vote Act of 2002 (HAVA) raises the question, how effective have reforms been? Could another Florida happen? *Helping America Vote* is focused on the conflict between values of access and integrity in U.S. election administration. Kropf and Kimball examine both what was included in HAVA and what was not. Widespread agreement that voting equipment was a problem made technology the centerpiece of the legislation, and it has remedied a number of pressing concerns. But there is still reason to be concerned about key aspects of electronic voting, ballot design, and the politics of partisan administrators. It takes a legitimacy crisis for serious election reforms to happen at the federal level, and seemingly, the crisis has passed. However, the risk is still very much present for the electoral process to fail. What are the implications for democracy when we attempt reform?

The People Themselves

This book makes the radical claim that rather than interpreting the Constitution from on high, the Court should be reflecting popular will—or the wishes of the people themselves.

Congressional Representation & Constituents

The U.S. House of Representatives has been frozen at 435 members for almost a century, and in that time the nation's population has grown by more than 200 percent. With the number of citizens represented by each House member now dramatically larger, is a major consequence of this historical disparity a diminished quality of representation? Brian Frederick uses empirical data to scrutinize whether representation has been undermined by keeping a ceiling on the number of seats available in the House. He examines the influence of constituency size on several metrics of representation—including estimating the effects on electoral competition, policy responsiveness, and citizen contact with and approval of their representatives—and argues that now is the time for the House to be increased in order to better represent a rapidly growing country.

Democracy on the Precipice

Democracy is well-established and soundly practiced in most European countries. But despite unprecedented progress, there is growing dissatisfaction with the state of democracy and deepening mistrust of democratic institutions; a situation exacerbated by the economic crisis. Are Europe's democracies really under threat? Has the traditional model of European democracy exhausted its potential? A broad consensus is forming as to the urgent need to examine the origins of the crisis and to explore visions and strategies which could contribute to rebuilding confidence in democracy. As Europe's guardian of democracy, human rights and the rule of law, the Council of Europe is committed to exploring the state and practice of European democracy, as well as identifying new challenges and anticipating future trends. In order to facilitate this reflection, the Council of Europe held a series of Democracy Debates with the participation of renowned specialists working in a variety of backgrounds and disciplines. This publication presents the eight Democracy Debate lectures. Each presentation analyses a specific aspect of democracy today, placing the issues not only in their political context but also addressing the historical, technological and communication dimensions. The authors make proposals on ways to improve democratic governance and offer their predictions on how democracy in Europe may evolve. Together, the presentations contribute to improving our understanding of democracy today and to recognising the ways it could be protected and strengthened.

Third Party Blues

More than many areas of American politics research, studies of minor party competition and success are often overly driven by normative concerns that do not hold up to empirical scrutiny. This concise book presents a concerted effort to analyze the barriers in election law, such as ballot access restrictions and single member districts with a plurality rule, that prevent third parties from gaining a durable hold in American politics. Rather than trudge through yet another history of third parties in America or polemical arguments for minor party inclusion, Schraufnagel provides empirical grounding for the claims of third party backers. This thoughtful analysis demonstrates that the inclusion of third parties improves electoral participation rates and that third party involvement in the legislative process is linked to landmark legislative productivity. In the end, the work provides thoughtful suggestions on the types of reforms that would lead to greater third party success in American elections.

The Imperfect Primary

The complex and ever-changing rules governing American presidential nomination contests are continuously up for criticism, but there is little to no consensus on exactly what the problems are, or on how to fix them. The evolving system is hardly rational because it was never carefully planned. So how are we to make sense of the myriad complexities in the primary process, how it affects the general election, and calls for change? In this thoroughly updated second edition of *The Imperfect Primary*, political scientist Barbara Norrander explores how presidential candidates are nominated, how that process bridges to the general election campaign, discusses past and current proposals for reform, and examines the possibility for more practical, incremental changes to the electoral rules. Norrander reminds us to be careful what we wish for—reforming the presidential nomination process is as complex as the current system. Through the modelling of empirical research to demonstrate how questions of biases can be systematically addressed, students can better see the advantages, disadvantages, and potential for unintended consequences in a whole host of reform proposals. The second edition includes an entirely new chapter on the connections between the primary and general election phases of presidential selection. The entire book has been revised to reflect the 2012 presidential primaries and election.

Rethinking American Electoral Democracy

While frustration with various aspects of American democracy abound in the United States, there is little agreement over—or even understanding of—what kinds of changes would make the system more effective and increase political participation. Matthew J. Streb sheds much-needed light on all the major concerns of the electoral process in the thoroughly revised third edition of this timely book on improving American electoral democracy. This critical examination of the rules and institutional arrangements that shape the American electoral process analyzes the major debates that embroil scholars and reformers on subjects ranging from the number of elections we hold and the use of nonpartisan elections, to the presidential nominating process and campaign finance laws. Ultimately, Streb argues for a less burdensome democracy, a democracy in which citizens can participate more easily in transparent, competitive elections. This book is designed to get students of elections and American

political institutions to think critically about what it means to be democratic, and how democratic the United States really is. Part of the Controversies in Electoral Democracy and Representation series, edited by Matthew J. Streb.

Guidelines for Understanding, Adjudicating, and Resolving Disputes in Elections

This paper is one of a series being prepared for the National Research Council's Committee on International Conflict Resolution. The committee was organized in late 1995 to respond to a growing need for prevention, management, and resolution of violent conflict in the international arena, a concern about the changing nature and context of such conflict in the post-Cold War era, and a recent expansion of knowledge in the field. The committee's main goal is to advance the practice of conflict resolution by using the methods and critical attitude of science to examine the effectiveness of various techniques and concepts that have been advanced for preventing, managing, and resolving international conflicts. The committee's research agenda has been designed to supplement the work of other groups, particularly the Carnegie Corporation of New York's Commission on Preventing Deadly Conflict, which issued its final report in December 1997. The committee has identified a number of specific techniques and concepts of current interest to policy practitioners and has asked leading specialists on each one to carefully review and analyze available knowledge and to summarize what is known about the conditions under which each is or is not effective. These papers present the results of their work.

Electoral Systems and Conflict in Divided Societies

Freedom in the World is the standard-setting comparative assessment of global political rights and civil liberties. The methodology of this survey is derived in large measure from the Universal Declaration of Human Rights, and these standards are applied to all countries and territories.

Freedom in the World 2018

One of the biggest problems with modern democracy is that most of the public is usually ignorant of politics and government. Often, many people understand that their votes are unlikely to change the outcome of an election and don't see the point in learning much about politics. This may be rational, but it creates a nation of people with little political knowledge and little ability to objectively evaluate what they do know. In *Democracy and Political Ignorance*, Ilya Somin mines the depths of ignorance in America and reveals the extent to which it is a major problem for democracy. Somin weighs various options for solving this problem, arguing that political ignorance is best mitigated and its effects lessened by decentralizing and limiting government. Somin provocatively argues that people make better decisions when they choose what to purchase in the market or which state or local government to live under, than when they vote at the ballot box, because they have stronger incentives to acquire relevant information and to use it wisely.

Democracy and Political Ignorance

This book shows that Taiwan, unlike other countries, avoided serious economic disruption and social conflict, and arrived at its goal of multi-party competition with little blood shed. Nonetheless, this survey reveals that for those who imagine democracy to be the panacea for every social, economic and political ill, Taiwan's continuing struggles against corruption, isolation and division offer a cautionary lesson. This book is an ideal, one-stop resource for undergraduate and postgraduate students of political science, particularly those interested in the international politics of China, and the Asia-Pacific.

Politics in Taiwan

Politicians are reviled. From jokes on late-night TV talk shows to radio show rants and from public opinion polls to ubiquitous conventional wisdom—politicians are among the most despised professional class in modern society. Drawing on seminal work in political science, Stephen K. Medvic convincingly argues to the masses that this blanket condemnation of politicians is both unfair and unwarranted. While some individual politicians certainly deserve scorn for misjudgments, moral failings, or even criminal acts, the assumption that all of them should be cast in a similar light is unjustified. More importantly, that deeply cynical assumption is dangerous to the legitimacy of a democratic system of government. Politicians, as a class, deserve respect, not out of blind obedience to authority but because democratic deliberation requires it. Medvic explains how cognitive biases in the way people reason often lead us

to draw unjustified conclusions of politicians in general based on the malfeasance of some. Scandals involving politicians are likely to be remembered and to serve as "evidence" of the belief that "they all do it." Most politicians, in fact, care deeply about their cities, states, and nation. But they face a trap of unrealistic and contradictory expectations from the public about how politicians should behave. Medvic, in turn, demonstrates the necessity of ambition, the utility of politics for resolving conflicts peacefully, and the value of ideology in framing political choices. In the end, citizens must learn to tolerate the inherent messiness of politics as the only viable alternative to violent conflict. In the process, we must embrace our role in the political system as well.

In Defense of Politicians

History matters. America's past is present in all aspects of the contemporary political system. Cal Jillson uses political development and the dynamics of change as a tool to help students understand how politics works now—and how institutions, participation, and policies have evolved over time to produce this political environment. Going one step further, Jillson helps students think critically about how American democracy might evolve further, focusing in every chapter on reform and further change. These revisions make the Seventh Edition better than ever: The latest details on all aspects of American politics, including the 2012 elections, keep students current. Coverage of Obama's full first term and heightened polarization in Congress help students see the importance of institutional development. A renewed emphasis throughout on the importance of race, ethnicity, and gender in the development of American politics helps students understand the full picture of political participation. In a streamlined presentation, Jillson delivers a concise and engaging narrative to help students understand the complexities and importance of American politics. Along the way, several pedagogical features foster critical thinking and analysis: New! "Struggling towards Democracy" discussion questions to provoke both critical thinking and class discussion on the most relevant issues. "The Constitution Today" chapter opening vignettes illustrate the importance of conflicting views on constitutional principles. Key terms defined in the margins on the page where they appear help students study important concepts. Focus questions at the beginning of every chapter highlight the central learning objectives for students to look for, and marginal notes throughout the chapter indicate the relevant discussions for addressing these questions. Colorful figures and charts help students visualize important information. "Let's Compare" boxes analyze how functions of government and political participation work in other countries. "Pro & Con" boxes bring to life a central debate in each chapter, from questions over campaign finance, bias in the media, and the balance between the president and Congress in war making, to judicial activism and restraint, gay marriage, and equitable taxes. Timelines in every chapter give students an at-a-glance reference to important stages in historical development. End-of-chapter summaries, suggested readings, and web resources help students master the material and guide them to further critical investigation of important concepts and topics.

American Government

A survey of the state of human freedom around the world investigates such crucial indicators as the status of civil and political liberties and provides individual country reports.

Freedom in the World 2012

Nasty, below-the-belt campaigns, mudslinging, and character attacks. These tactics have become part and parcel of today's election politics in America, and judicial elections are no exception. *Attacking Judges* takes a close look at the effects of televised advertising, including harsh attacks, on state supreme court elections. Author Melinda Gann Hall investigates whether these divisive elections have damaging consequences for representative democracy. To do this, Hall focuses on two key aspects of those elections: the vote shares of justices seeking reelection and the propensity of state electorates to vote. In doing so, *Attacking Judges* explores vital dimensions of the conventional wisdom that campaign politics has deleterious consequences for judges, voters, and state judiciaries. Countering the prevailing wisdom with empirically based conclusions, Hall uncovers surprising and important insights, including new revelations on how attack ads influence public engagement with judicial elections and their relative effectiveness in various types of state elections. *Attacking Judges* is a testament to the power of institutions in American politics and the value of empirical political science research in helping to inform some of the most significant debates on the public agenda. This book's results smartly contest and eradicate many of the fears judicial reformers have about the damaging effects of campaign negativity in modern state supreme court elections.

Attacking Judges

Freedom in the World, the Freedom House flagship survey whose findings have been published annually since 1972, is the standard-setting comparative assessment of global political rights and civil liberties. The survey ratings and narrative reports on 194 countries and 14 territories are used by policymakers, the media, international corporations, civic activists, and human rights defenders to monitor trends in democracy and track improvements and setbacks in freedom worldwide.

Freedom in the World 2011

The current five-vote majority on the Supreme Court may be the most divisive, anti-democratic court in American history. Overruling Democracy disputes the majority's awful rulings on third parties, race, high schools and corporations.

Overruling Democracy

Contents: (1) Intro.; (2) Competing Approaches: Direct Popular Election v. Electoral College Reform; (3) Direct Popular Election: Pro and Con; (4) Electoral College Reform: Pro and Con; (5) Electoral College Amendments Proposed in the 111th Congress; (6) Contemporary Activity in the States; (7) 2004: Colorado Amendment 36; (8) 2007-2008: The Presidential Reform Act (California Counts); (9) 2006-Present: National Popular Vote -- Direct Popular Election Through an Interstate Compact; Origins; The Plan; National Popular Vote, Inc.; Action in the State Legislatures; States That Have Approved NPV; National Popular Vote; (10) Prospects for Change -- An Analysis; (11) State Action -- A Viable Reform Alternative?; (12) Concluding Observations.

Electoral College Reform

Freedom in the World, the Freedom House flagship survey whose findings have been published annually since 1972, is the standard-setting comparative assessment of global political rights and civil liberties. The survey ratings and narrative reports on 193 countries and a group of select territories are used by policy makers, the media, international corporations, and civic activists and human rights defenders to monitor trends in democracy and track improvements and setbacks in freedom worldwide. Press accounts of the survey findings appear in hundreds of influential newspapers in the United States and abroad and form the basis of numerous radio and television reports. The Freedom in the World political rights and civil liberties ratings are determined through a multi-layered process of research and evaluation by a team of regional analysts and eminent scholars. The analysts used a broad range of sources of information, including foreign and domestic news reports, academic studies, nongovernmental organizations, think tanks, individual professional contacts, and visits to the region, in conducting their research. The methodology of the survey is derived in large measure from the Universal Declaration of Human Rights, and these standards are applied to all countries and territories, irrespective of geographical location, ethnic or religious composition, or level of economic development.

Freedom in the World 2009

European Convention on Human Rights – Article 10 – Freedom of expression 1. Everyone has the right to freedom of expression. This right shall include freedom to hold opinions and to receive and impart information and ideas without interference by public authority and regardless of frontiers. This article shall not prevent States from requiring the licensing of broadcasting, television or cinema enterprises. 2. The exercise of these freedoms, since it carries with it duties and responsibilities, may be subject to such formalities, conditions, restrictions or penalties as are prescribed by law and are necessary in a democratic society, in the interests of national security, territorial integrity or public safety, for the prevention of disorder or crime, for the protection of health or morals, for the protection of the reputation or rights of others, for preventing the disclosure of information received in confidence, or for maintaining the authority and impartiality of the judiciary. In the context of an effective democracy and respect for human rights mentioned in the Preamble to the European Convention on Human Rights, freedom of expression is not only important in its own right, but it also plays a central part in the protection of other rights under the Convention. Without a broad guarantee of the right to freedom of expression protected by independent and impartial courts, there is no free country, there is no democracy. This general proposition is undeniable. This handbook is a practical tool for legal professionals from Council of Europe member states who wish to strengthen their skills in applying the European Convention on Human Rights and the case law of the European Court of Human Rights in their daily work.

Current Publications in Legal and Related Fields

Freedom in the World, the Freedom House flagship survey whose findings have been published annually since 1972, is the standard-setting comparative assessment of global political rights and civil liberties. The survey ratings and narrative reports on 195 countries and fifteen territories are used by policymakers, the media, international corporations, civic activists, and human rights defenders to monitor trends in democracy and track improvements and setbacks in freedom worldwide. The Freedom in the World political rights and civil liberties ratings are determined through a multi-layered process of research and evaluation by a team of regional analysts and eminent scholars. The analysts used a broad range of sources of information, including foreign and domestic news reports, academic studies, nongovernmental organizations, think tanks, individual professional contacts, and visits to the region, in conducting their research. The methodology of the survey is derived in large measure from the Universal Declaration of Human Rights, and these standards are applied to all countries and territories, irrespective of geographical location, ethnic or religious composition, or level of economic development.

Protecting the right to freedom of expression under the European Convention on Human Rights

Principles to realization - Cherif Bassiouni

Freedom in the World 2019

From Kosovo to Kabul, the last decade witnessed growing interest in ?electoral engineering?. Reformers have sought to achieve either greater government accountability through majoritarian arrangements or wider parliamentary diversity through proportional formula. Underlying the normative debates are important claims about the impact and consequences of electoral reform for political representation and voting behavior. The study compares and evaluates two broad schools of thought, each offering contracting expectations. One popular approach claims that formal rules define electoral incentives facing parties, politicians and citizens. By changing these rules, rational choice institutionalism claims that we have the capacity to shape political behavior. Alternative cultural modernization theories differ in their emphasis on the primary motors driving human behavior, their expectations about the pace of change, and also their assumptions about the ability of formal institutional rules to alter, rather than adapt to, deeply embedded and habitual social norms and patterns of human behavior.

Democracy

The Democracy Sourcebook offers a collection of classic writings and contemporary scholarship on democracy, creating a book that can be used by undergraduate and graduate students in a wide variety of courses, including American politics, international relations, comparative politics, and political philosophy. The editors have chosen substantial excerpts from the essential theorists of the past, including Jean-Jacques Rousseau, John Stuart Mill, Alexis de Tocqueville, and the authors of The Federalist Papers; they place them side by side with the work of such influential modern scholars as Joseph Schumpeter, Adam Przeworski, Seymour Martin Lipset, Samuel P. Huntington, Ronald Dworkin, and Amartya Sen. The book is divided into nine self-contained chapters: "Defining Democracy," which discusses procedural, deliberative, and substantive democracy; "Sources of Democracy," on why democracy exists in some countries and not in others; "Democracy, Culture, and Society," about cultural and sociological preconditions for democracy; "Democracy and Constitutionalism," which focuses on the importance of independent courts and a bill of rights; "Presidentialism versus Parliamentarianism"; "Representation," discussing which is the fairest system of democratic accountability; "Interest Groups"; "Democracy's Effects," an examination of the effect of democracy on economic growth and social inequality; and finally, "Democracy and the Global Order" discusses the effects of democracy on international relations, including the propensity for war and the erosion of national sovereignty by transnational forces.

Electoral Engineering

The end of the Cold War has changed the shape of organized violence in the world and the ways in which governments and others try to set its limits. Even the concept of international conflict is broadening to include ethnic conflicts and other kinds of violence within national borders that may affect international peace and security. What is not yet clear is whether or how these changes alter the way actors on the world scene should deal with conflict: Do the old methods still work? Are there new tools that could work better? How do old and new methods relate to each other? International Conflict Resolution After the Cold War critically examines evidence on the effectiveness of a dozen

approaches to managing or resolving conflict in the world to develop insights for conflict resolution practitioners. It considers recent applications of familiar conflict management strategies, such as the use of threats of force, economic sanctions, and negotiation. It presents the first systematic assessments of the usefulness of some less familiar approaches to conflict resolution, including truth commissions, "engineered" electoral systems, autonomy arrangements, and regional organizations. It also opens up analysis of emerging issues, such as the dilemmas facing humanitarian organizations in complex emergencies. This book offers numerous practical insights and raises key questions for research on conflict resolution in a transforming world system.

The Democracy Sourcebook

Freedom in the World, the Freedom House flagship survey whose findings have been published annually since 1972, is the standard-setting comparative assessment of global political rights and civil liberties. The survey ratings and narrative reports on 195 countries and fifteen territories are used by policymakers, the media, international corporations, civic activists, and human rights defenders to monitor trends in democracy and track improvements and setbacks in freedom worldwide. The Freedom in the World political rights and civil liberties ratings are determined through a multi-layered process of research and evaluation by a team of regional analysts and eminent scholars. The analysts used a broad range of sources of information, including foreign and domestic news reports, academic studies, nongovernmental organizations, think tanks, individual professional contacts, and visits to the region, in conducting their research. The methodology of the survey is derived in large measure from the Universal Declaration of Human Rights, and these standards are applied to all countries and territories, irrespective of geographical location, ethnic or religious composition, or level of economic development.

International Conflict Resolution After the Cold War

Provides the first major effort to test the rules and regulations that underlie current practices in union elections and, at the same time, explores the role played by the National Labor Relations Board in regulating these elections. The book reports the findings of an empirical field study of thirty-one union representation elections involving over 1,000 employees to determine their pre-campaign attitudes, voting intent, actual vote, and the effect of the campaign on voting. It focuses on campaign issues, unlawful campaigning, working conditions, demographic factors, job-related variables, and other topics.

Freedom in the World 2020

Showing how equality of authority is essential to relating equally as citizens, the author explains why the U.S. Senate and Electoral College are urgently in need of reform, why proportional representation is not a universal requirement of democracy, how to identify racial vote dilution and gerrymandering in electoral districting, how to respond to threats to democracy posed by wealth inequality, and how judicial review could be more compatible with the democratic ideal.

Union Representation Elections

"Wegman combines in-depth historical analysis and insight into contemporary politics to present a cogent argument that the Electoral College violates America's 'core democratic principles' and should be done away with..." —Publishers Weekly The framers of the Constitution battled over it. Lawmakers have tried to amend or abolish it more than 700 times. To this day, millions of voters, and even members of Congress, misunderstand how it works. It deepens our national divide and distorts the core democratic principles of political equality and majority rule. How can we tolerate the Electoral College when every vote does not count the same, and the candidate who gets the most votes can lose? Twice in the last five elections, the Electoral College has overridden the popular vote, calling the integrity of the entire system into question—and creating a false picture of a country divided into bright red and blue blocks when in fact we are purple from coast to coast. Even when the popular-vote winner becomes president, tens of millions of Americans—Republicans and Democrats alike—find that their votes didn't matter. And, with statewide winner-take-all rules, only a handful of battleground states ultimately decide who will become president. Now, as political passions reach a boiling point at the dawn of the 2020 race, the message from the American people is clear: The way we vote for the only official whose job it is to represent all Americans is neither fair nor just. Major reform is needed—now. Isn't it time to let the people pick the president? In this thoroughly researched and engaging call to arms, Supreme Court journalist and New York Times editorial board member Jesse Wegman draws upon the history of the founding era, as well as information gleaned from campaign managers, field directors, and

other officials from twenty-first-century Democratic and Republican presidential campaigns, to make a powerful case for abolishing the antiquated and antidemocratic Electoral College. In *Let the People Pick the President* he shows how we can at long last make every vote in the United States count—and restore belief in our democratic system.

Democratic Equality

Evaluates the most important explanations for democratization and democratic decline, using new global data extending across modern history.

Let the People Pick the President

Pundits have observed that if so many incumbents are returned to Congress to each election by such wide margins, perhaps we should look for ways to increase competitiveness – a centerpiece to the American way of life – through redistricting. Do competitive elections increase voter satisfaction? How does voting for a losing candidate affect voters' attitudes toward government? The not-so-surprising conclusion is that losing voters are less satisfied with Congress and their Representative, but the implications for the way in which we draw congressional and state legislative districts are less straightforward. *Redistricting and Representation* argues that competition in general elections is not the sine qua non of healthy democracy, and that it in fact contributes to the low levels of approval of Congress and its members. Brunell makes the case for a radical departure from traditional approaches to redistricting – arguing that we need to "pack" districts with as many like-minded partisans as possible, maximizing the number of winning voters, not losers.

Why Democracies Develop and Decline

"A Practical Guide to Constitution Building provides an essential foundation for understanding constitutions and constitution building. Full of world examples of ground-breaking agreements and innovative provisions adopted during processes of constitutional change, the Guide offers a wide range of examples of how constitutions develop and how their development can establish and entrench democratic values. Beyond comparative examples, the Guide contains in-depth analysis of key components of constitutions and the forces of change that shape them. The Guide analyzes the adoption of the substantive elements of a new constitution by looking at forces for the aggregation or dissemination of governmental power, and forces for greater legalization or politicization of governmental power, and examining how these forces influence the content of the constitution. It urges practitioners to look carefully at the forces at play within their individual contexts in order to better understand constitutional dynamics and play a role in shaping a constitution that will put into place a functioning democratic government and foster lasting peace."--

Redistricting and Representation

Foundations of European Politics: A Comparative Approach offers an accessible introduction to European politics using a coherent comparative and analytical framework. It presents students with the basic theoretical and empirical toolkit of social scientific researchers, and explains how an analytic approach can be used to understand both domestic and EU-level policy-making in Europe. The book draws on cutting edge research from all areas of European politics - from national and EU institutions, to political behaviour and policy-making - and uses case studies and examples throughout to help students compare different electoral systems, parties and governments across Europe. The book is structured thematically in five parts, beginning with theoretical foundations; moving on to examine citizens and voters, elections and parties, governments and policy; and finally covering the rule of law, democracy and backsliding. Digital formats and resources *Foundations of European Politics: A Comparative Approach* is available for students and institutions to purchase in a variety of formats, and is supported by online resources. DT The e-book offers a mobile experience and convenient access along with functionality tools, navigation features and links that offer extra learning support: www.oxfordtextbooks.co.uk/ebooks <http://www.oxfordtextbooks.co.uk/ebooks> DT Online resources for students include: multiple choice questions, web links, essay questions, and data descriptions and data exercises. DT Online resources for lecturers include: adaptable PowerPoint slides, test bank questions, figures and tables from the book.

A Practical Guide to Constitution Building

Calcium and Bone Disorders in Children and Adolescents

Over recent decades, innovative diagnostic technologies, new therapeutic approaches and steady progress in medical genetics have helped establish the field of bone disease as a stand-alone specialty. Summarizing current knowledge, the physiology of calcium, magnesium and phosphate metabolism, the technique of bone biopsy and uses and pitfalls of bone density scanning are discussed. The main part of this publication describes in detail the disorders associated with hypocalcemia, hypercalcemia, rickets, phosphate metabolism, primary and secondary osteoporosis. The genetic nature of many of these conditions is highlighted and each condition is referred to by the number of its OMIM entry. The final chapter, which distinguishes this book from previous publications on the topic, comprises case reports illustrating some of the problems that are examined in previous chapters. This comprehensive account of disorders related to bone and mineral metabolism makes essential reading for pediatric endocrinologists as well as for clinicians who wish to gain a practical understanding of this important topic.

Calcium and Bone Disorders in Children and Adolescents

There has been a rapid expansion of knowledge in the field of paediatric calcium and bone disorders over the past twenty years. Advances have been made in the underlying genetic basis for many conditions in conjunction with progress in bone density and geometry imaging and the development of new treatment options. The 2nd revised edition of 'Calcium and Bone Disorders in Children and Adolescents' presents up-to-date information on many aspects included in the 1st edition such as the physiology, pathology, diagnosis and management of numerous conditions including a chapter of case histories illustrating clinical aspects. New chapters on skeletal dysplasias, the genetics of osteoporosis, radiological imaging of bone and a practical approach to a child with recurrent fractures are included. Providing a comprehensive update, this book is a useful clinical resource for paediatricians and specialists in endocrinology, metabolic bone disease, nephrology, rheumatology, radiology, orthopaedics and clinical genetics who may be faced with a child with a calcium and/or bone disorder.

Avery's Diseases of the Newborn - E-Book

Completely revised and updated, Avery's Diseases of the Newborn, 11th Edition, remains your #1 choice for clinically focused, cutting-edge guidance on the evaluation, diagnosis, and treatment of diseases of the newborn. Drs. Christine A. Gleason, Taylor Sawyer, and a team of expert contributing authors provide comprehensive, up-to-date coverage of every key disease and condition affecting newborns, keeping you current in this fast-changing field. You'll find the specific strategies you need to confidently provide care for this unique patient population, in a full-color, easy-to-use single volume that focuses on key areas of practice. Reflects the latest developments on all aspects of newborn evaluation and management, featuring new content, new chapters, new contributors, and fresh perspectives from a new co-editor. Brings you the latest on current topics such as perinatal/neonatal COVID-19, genomics and precision medicine, acute and chronic neonatal respiratory disorders, brain injury and neuroprotection, necrotizing enterocolitis, probiotics, palliative care, prenatal drug exposure, retinopathy of prematurity, and more. Provides clinically relevant, practical guidance in concise, focused chapters that include summary boxes, suggested readings, and more than 500 full-color illustrations, micrographs, and photographs. Contains the 2020 American Academy of Pediatrics and American Heart Association neonatal resuscitation guidelines and the 2022 American Academy of Pediatrics guidelines on the management of hyperbilirubinemia. Serves as a reliable quick reference for clinical questions and an excellent resource for board review. An eBook version is included with purchase. The eBook allows you to access all of the text, figures and references, with the ability to search, customize your content, make notes and highlights, and have content read aloud.

Bone Health and Osteoporosis

This first-ever Surgeon General's Report on bone health and osteoporosis illustrates the large burden that bone disease places on our Nation and its citizens. Like other chronic diseases that disproportionately affect the elderly, the prevalence of bone disease and fractures is projected to increase markedly as the population ages. If these predictions come true, bone disease and fractures will have a tremendous negative impact on the future well-being of Americans. But as this report makes clear, they

need not come true: by working together we can change the picture of aging in America. Osteoporosis, fractures, and other chronic diseases no longer should be thought of as an inevitable part of growing old. By focusing on prevention and lifestyle changes, including physical activity and nutrition, as well as early diagnosis and appropriate treatment, Americans can avoid much of the damaging impact of bone disease and other chronic diseases. This Surgeon General's Report brings together for the first time the scientific evidence related to the prevention, assessment, diagnosis, and treatment of bone disease. More importantly, it provides a framework for moving forward. The report will be another effective tool in educating Americans about how they can promote bone health throughout their lives. This first-ever Surgeon General's Report on bone health and osteoporosis provides much needed information on bone health, an often overlooked aspect of physical health. This report follows in the tradition of previous Surgeon Generals' reports by identifying the relevant scientific data, rigorously evaluating and summarizing the evidence, and determining conclusions.

Pediatric Bone

Pediatric osteology, a medical specialty that has come of age, has contributed to the understanding of adult bone diseases as well. This second edition reference updates the 2003 edition with more emphasis on management as well as new and revised contributions. Thirty chapters present basic information regarding bone development, tools and techniques for evaluation (including a new chapter on radiographic imaging), and the specifics of various diseases. The three editors are affiliated as follows: Francis H. Glorieux (McGill U., Canada), John M. Pettifor (Chir Hani Baragwanath Hospital, South Africa), and Harald Juppner (Harvard Medical School, US). Academic Press is an imprint of Elsevier. Annotation ©2012 Book News, Inc., Portland, OR (booknews.com).

Disease Control Priorities, Third Edition (Volume 8)

More children born today will survive to adulthood than at any time in history. It is now time to emphasize health and development in middle childhood and adolescence--developmental phases that are critical to health in adulthood and the next generation. Child and Adolescent Health and Development explores the benefits that accrue from sustained and targeted interventions across the first two decades of life. The volume outlines the investment case for effective, costed, and scalable interventions for low-resource settings, emphasizing the cross-sectoral role of education. This evidence base can guide policy makers in prioritizing actions to promote survival, health, cognition, and physical growth throughout childhood and adolescence.

Sports Endocrinology

This book is an up-to-date, extensive overview of the effects of physical activity and training on endocrine function. It gives insights into a complex relationship by describing effects with respect to exercise performance, growth, development, and ageing. It includes discussions of the endocrine response depending on exercise mode, intensity, and duration as well as on gender, age, and fitness level. Additionally the book deals with the impact of environmental and psychological factors on endocrine level. A substantial part of Sports Endocrinology is devoted to the 'hot topic' of hormonal doping in sports. The properties of androgens, growth hormone, erythropoietin, and dietary supplements are highlighted. The use and abuse among professional and recreational athletes is discussed and specific methods of detection are presented and explained. All contributors are well-known experts in sports medicine and endocrinology, endocrine physiology, pharmacology, and doping detection, so this book is a must-read for every professional involved in the field.

Forensic Anthropology

Provides comprehensive coverage of everything that students and practitioners need to know about working in the field of forensic anthropology Forensic anthropology has been plagued by questions of scientific validity and rigor despite its acceptance as a section in the American Academy of Forensic Sciences nearly half a century ago. Critics have viewed it as a laboratory-based applied subfield of biological anthropology, and characterised it as emphasising methodology over theory. This book shows that these views are not only antiquated, but inadequate and inaccurate. Forensic Anthropology: Theoretical Framework and Scientific Basis introduces readers to all of the theoretical and scientific foundations of forensic anthropology — beginning with how it was influenced by the early theoretical approaches of Tyler, Morgan, Spencer and Darwin. It instructs on how modern forensic science relies on an interdisciplinary approach — with research being conducted in the fields of archaeology, physics,

geology and other disciplines. This modern approach to theory in forensic anthropology is presented through the introduction and discussion of Foundational, Interpretive and Methodological theories. Sections cover: Bias and Objectivity in Forensic Anthropology Theory and Practice; The Theory and Science Behind Biological Profile and Personal Identification; Scientific Foundation for Interpretations of Antemortem, Perimortem, and Postmortem Processes; and Interdisciplinary Influences, Legal Ramifications and Future Directions. Illustrates important aspects of the theory building process and reflects methods for strengthening the scientific framework of forensic anthropology as a discipline Inspired by the "Application of Theory to Forensic Anthropology" symposium presented at the 67th annual meeting of the American Academy of Forensic Sciences Chapters written by experts in the field who were presenters at the symposium Forensic Anthropology: Theoretical Framework and Scientific Basis is ideal for university courses in anthropological science, forensic science, criminal science and forensic archaeology.

The Parathyroids

Written by world experts, this book follows upon the monumental success of the first edition of *The Parathyroids*, which was universally acclaimed as the best text on the subject. An authoritative reference that spans the basic science of parathyroid hormone treatment to major clinical disorders in a superb, single compendium, *The Parathyroids* offers an objective and authoritative view on controversial clinical issues in this rapidly changing field. Every medical school library and virtually every major hospital library will need this book as a reference for students and clinicians. Key Features * Offers objective and authoritative reviews on controversial clinical issues * Written by world experts on parathyroid hormone and its disorders * Superb, state-of-the-art compendium in one convenient volume * Bridges basic science of parathyroid hormone to major clinical disorders * Practical information on clinical management of parathyroid hormone disorders

Pediatric Nephrology

Here is an extensive update of *Pediatric Nephrology*, which has become the standard reference text in the field. It is global in perspective and reflects the international group of editors, who are well-recognized experts in pediatric nephrology. Within this text, the development of kidney structure and function is followed by detailed and comprehensive chapters on all childhood kidney diseases.

Transgender Medicine

Although transgender persons have been present in various societies throughout human history, it is only during the last several years that they have become widely acknowledged in our society and their right to quality medical care has been established. In the United States, endocrinologists have been providing hormonal therapy for transgender individuals for decades; however, until recently, there has been only limited literature on this subject, and non-endocrine aspects of medical care for transgender individuals have not been well addressed in the endocrine literature. The goal of this volume is not only to address the latest in hormonal therapy for transgender individuals (including pediatric and geriatric age groups), but also to familiarize the reader with other aspects of transgender care, including primary and surgical care, fertility preservation, and the management of HIV infection. In addition to medical issues, psychological, social, ethical and legal issues pertinent to transgender individuals add to the complexities of successful treatment of these patients. A final chapter includes extensive additional resources for both transgender patients and providers. Thus, an endocrinologist providing care to a transgender person will be able to use this single resource to address most of the patient's needs. While *Transgender Medicine* is intended primarily for endocrinologists, this book will be also useful to primary care physicians, surgeons providing gender-confirming procedures, mental health professionals participating in the care of transgender persons, and medical residents and students.

Pediatric Endocrinology

Celebrating more than twenty years as the single best source in the field, this Fifth Edition has now expanded into two cornerstone volumes with 53 fully inclusive chapters and 73 renowned contributors that comprehensively address every topic and trend relevant to the identification, diagnosis, and management of endocrine and endocrine-related disorders.

Bone Densitometry in Growing Patients

Bone Densitometry in Growing Patients: Guidelines for Clinical Practice, edited by Drs. Sawyer, Bachrach, and Fung, is a milestone book for all health professionals concerned with bone health in growing patients. The book introduces and emphasizes the importance of attending to issues of bone health and development in childhood and adolescence as a way of maintaining such health and decreasing the epidemic of osteoporosis that we are now seeing in older adults. In doing so, the book offers a much-needed first set of standards of bone densitometry in growing patients. Given the numerous reports of serious interpretation errors in densitometry results in children, the development of this body of work is truly important. It is in this context that Bone Densitometry in Growing Patients: Guidelines for Clinical Practice presents the current evidence, including an assessment of the strengths and weaknesses in the data on assessing bone density in childhood and adolescence. In short, the editors and authors have done an outstanding job of organizing not only the key topics in this broad clinical discussion, but also, and most importantly, the evidence within these areas.

Pediatric Endocrinology, Two Volume Set

Celebrating more than twenty years as the single best source in the field, this Fifth Edition has now expanded into two cornerstone volumes with 53 fully inclusive chapters and 73 renowned contributors that comprehensively address every topic and trend relevant to the identification, diagnosis, and management of endocrine and endocrin

Pediatric Neuroendocrinology

The neuroendocrine system plays a pivotal role in the control of growth, puberty, reproduction, and intermediate metabolism. The last decades have witnessed rapid progress in the understanding of the molecular and biochemical mechanisms involved in neuroendocrine function, paralleled by dramatic improvements in imaging techniques.

Hypercalcemia of Malignancy

Hypercalcemia is the most common life-threatening metabolic disorder associated with cancer. The pathophysiological, epidemiological and clinical aspects of hypercalcemia of malignancy are presented in this issue, with a focus on the recently discovered humoral factor responsible for the development of hypercalcemia. With a better understanding of the pathophysiology of this condition and the development of new potent drugs, capable of inhibiting bone resorption, especially bisphosphonates, the clinician will be more successful in correcting hypercalcemia in the great majority of patients.

Educating the Student Body

Physical inactivity is a key determinant of health across the lifespan. A lack of activity increases the risk of heart disease, colon and breast cancer, diabetes mellitus, hypertension, osteoporosis, anxiety and depression and others diseases. Emerging literature has suggested that in terms of mortality, the global population health burden of physical inactivity approaches that of cigarette smoking. The prevalence and substantial disease risk associated with physical inactivity has been described as a pandemic. The prevalence, health impact, and evidence of changeability all have resulted in calls for action to increase physical activity across the lifespan. In response to the need to find ways to make physical activity a health priority for youth, the Institute of Medicine's Committee on Physical Activity and Physical Education in the School Environment was formed. Its purpose was to review the current status of physical activity and physical education in the school environment, including before, during, and after school, and examine the influences of physical activity and physical education on the short and long term physical, cognitive and brain, and psychosocial health and development of children and adolescents. Educating the Student Body makes recommendations about approaches for strengthening and improving programs and policies for physical activity and physical education in the school environment. This report lays out a set of guiding principles to guide its work on these tasks. These included: recognizing the benefits of instilling life-long physical activity habits in children; the value of using systems thinking in improving physical activity and physical education in the school environment; the recognition of current disparities in opportunities and the need to achieve equity in physical activity and physical education; the importance of considering all types of school environments; the need to take into consideration the diversity of students as recommendations are developed. This report will be of interest to local and national policymakers, school officials, teachers, and the education community, researchers, professional organizations, and parents interested in physical activity, physical education, and health for school-aged children and adolescents.

Williams Textbook of Endocrinology, 14 Edition: South Asia Edition, 2 Vol Set - E-Book

Williams Textbook of Endocrinology, 14 Edition: South Asia Edition, 2 Vol SET - E-Book

Endocrine Diseases of Newborn: Epidemiology, Pathogenesis, Therapeutic Option and Outcome

The most respected nutrition text for more than 50 years, Krause's Food & the Nutrition Care Process delivers comprehensive and up-to-date information from respected educators and practitioners in the field. The latest recommendations of the Dietary Guidelines for Americans 2010, new and expanded chapters, and a large variety of tables, boxes, and pathophysiology algorithms provide need-to-know information with ease, making this text perfect for use in class or everyday practice. Clear, logical organization details each step of complete nutritional care from assessment to therapy. UNIQUE! Pathophysiology algorithms clarify the illness process and to ensure more effective care. New Directions boxes reflect the latest research in emerging areas in nutrition therapy. Focus On boxes provide additional detail on key chapter concepts. Clinical Insight boxes and Clinical Scenarios with detailed Sample Nutrition Diagnosis statements help ensure the most accurate and effective interventions in practice. Key terms listed at the beginning of each chapter and bolded within the text provide quick access to important nutrition terminology. More than 1,000 self-assessment questions on a companion Evolve website reinforce key textbook content. Reorganized table of contents reinforces the Nutrition Care Process structure endorsed by the American Dietetic Association (ADA). New recommendations reflect a comprehensive approach to diet and nutrition that incorporates the Dietary Guidelines for Americans 2010, the MyPyramid food guide, and the Eating Well with Canada's Food Guide recommendations. MNT for Thyroid Disorders chapter details important nutrition considerations for managing thyroid disorders. New calcium and vitamin D Dietary Recommended Intakes (DRIs) improve monitoring of nutrient intake. Expanded Nutrition in Aging chapter includes assessment and nutritional care guidelines for the growing elderly patient population. Growth grids for children detail proper patient nutrition during infancy and early childhood. Extensively revised MNT for Food Allergies chapter highlights the importance of food allergy management in clinical nutrition therapy. Updated appendices enhance assessment accuracy with the latest laboratory findings and normal values.

Krause's Food & the Nutrition Care Process

Rev. ed. of: Advanced therapy of inflammatory bowel disease / [edited by] Theodore M. Bayless, Stephen B. Hanauer. 2001.

Metabolic Bone Disease in Children

This open access book focuses on imaging of the musculoskeletal diseases. Over the last few years, there have been considerable advances in this area, driven by clinical as well as technological developments. The authors are all internationally renowned experts in their field. They are also excellent teachers, and provide didactically outstanding chapters. The book is disease-oriented and covers all relevant imaging modalities, with particular emphasis on magnetic resonance imaging. Important aspects of pediatric imaging are also included. IDKD books are completely re-written every four years. As a result, they offer a comprehensive review of the state of the art in imaging. The book is clearly structured with learning objectives, abstracts, subheadings, tables and take-home points, supported by design elements to help readers easily navigate through the text. As an IDKD book, it is particularly valuable for general radiologists, radiology residents, and interventional radiologists who want to update their diagnostic knowledge, and for clinicians interested in imaging as it relates to their specialty.

Advanced Therapy of Inflammatory Bowel Disease: Ulcerative Colitis (Volume 1), 3e

Anatomy and biology of bone matrix and cellular elements; Skeletal physiology; Mineral homeostasis; Clinical evaluation of bone and mineral disorders; Disorders of serum minerals; Metabolic bone diseases; Genetic, developmental, and dysplastic skeletal disorders; Acquired disorders of cartilage and bone; Paget's disease; Extraskeletal (ectopic) calcification and ossification; Nephrolithiasis; Dentistry.

Bone health and development in children and adolescents

Osteoporosis is one of the most clinically relevant disabling chronic disease encountered in clinical practice. A common cause of osteoporosis is glucocorticoid excess, as glucocorticoids may increase bone resorption, inhibit bone formation, have indirect actions on bone by decreasing intestinal calcium absorption and induce hypercalciuria. This book presents a comprehensive overview of the effects of glucocorticoids on bone metabolism and structure and on the diagnosis and treatment of glucocorticoid-induced osteoporosis. It aims at providing updated information on the pathogenesis, diagnosis and treatment of this often dramatic complication of glucocorticoid excess. Being one of the few publications completely devoted to glucocorticoid-induced osteoporosis it will heighten the awareness of specialists who prescribe glucocorticoids of the clinical relevance of this treatment complication. 'Glucocorticoid-Induced Osteoporosis' is addressed to clinical experts as well as to general practitioners who will both benefit from the comprehensive and integrative view of the management of patients exposed to glucocorticoids.

Musculoskeletal Diseases 2021-2024

This is the first book of its kind to focus solely on the female athlete triad - its origins, its recognition, and most importantly, its management. Since the symptoms themselves cover a range of medical specialties, chapters are written by experts in a number of relevant fields - sports medicine, orthopedics, endocrinology, and pediatrics - with an eye toward overall care of the young female athlete. Additionally, each chapter includes suggestions on how to educate and communicate with young athletes and their parents, as well as trainers and coaches, on how to manage the illness outside of the direct clinical setting. The female athlete triad is often seen in sports where low body weight is emphasized, such as gymnastics, figure skating, and running, though it can appear in any sport or activity. The interrelated symptoms - eating disorders, amenorrhea, and low bone mass - exist on a spectrum of severity and are serious and potentially life-threatening if not properly treated. Psychological problems, in addition to medical ones, are not uncommon. The Female Athlete Triad: A Clinical Guide discusses all of these areas for a well-rounded and in-depth approach to the phenomenon and will be a useful reference for any clinician working with female athletes across the lifespan.

Primer on the Metabolic Bone Diseases and Disorders of Mineral Metabolism

Fully updated new edition covering all aspects of bone and joint diseases in one easily readable volume. Color illustrations throughout.

Glucocorticoid-induced Osteoporosis

An ideal resource for both pediatricians and endocrinologists, Sperling's Pediatric Endocrinology, 5th Edition, brings you fully up to date with accelerating research; new discoveries in metabolic, biochemical and molecular mechanisms; and the resulting advances in today's clinical care. The editorial team of world-renowned pediatric endocrinologists led by Dr. Mark Sperling, as well as expert contributing

authors, cover comprehensive and current aspects of both basic science and clinical practice. Whether you're preparing for certification or have extensive clinical experience, this detailed, authoritative reference helps you increase your knowledge and determine the best possible course for every patient. Delivers trusted guidance in every area of the field: including Endocrine Disorders of the Newborn, Endocrine Disorders of Childhood and Adolescence, and Laboratory Tests. Features new topics such as transgender issues in children and adolescents and endocrinology of pregnancy, the fetus and the placenta. Offers expert coverage of hot topics such as disorders of sexual development, molecular basis of endocrine disorders, hypoglycemia in newborns and infants; neonatal and other monogenic forms of diabetes; Type I and Type II diabetes and their treatment with new insulins together with the progress in an artificial pancreas and new medications for T2DM in adolescents; the obesity epidemic and role of bariatric surgery; and advances toward personalized medicine. Includes easy-to-follow algorithms and numerous quick-reference tables and boxes in every clinical chapter, plus interactive questions online for self-assessment. Offers state-of-the-art information and fresh perspectives from new and award-winning authors in such areas as disorders of growth, multiple endocrine tumors, and puberty and its disorders in girls and boys.

The Female Athlete Triad

EDITOR-IN-CHIEF: Clifford J. Rosen, M.D., Maine Medical Center Research Institute, Scarborough, Maine SENIOR ASSOCIATE EDITORS: Juliet E. Compston, M.D., FRCP, University of Cambridge School of Clinical Medicine, Cambridge, United Kingdom Jane B. Lian, Ph.D., University of Massachusetts Medical School, Worcester, Massachusetts This comprehensive yet concise handbook is an indispensable reference for the many clinicians who see patients with disorders of bone formation, metabolic bone diseases, or disorders of stone formation. It is also a crucial tool for researchers, students, and all other professionals working in the bone field. In a format designed for quick reference, it provides complete information on the symptoms, pathophysiology, diagnosis, and treatment of all common and rare bone and mineral disorders. New in this edition: detailed coverage of osteonecrosis of the jaw, more in-depth coverage of cancer and bone including new approaches to pathogenesis, diagnosis, and treatment; new approaches to anabolic therapy of osteoporosis; the latest research on Vitamin D; expanded coverage of international topics; more on the genetics of bone mass; and newer imaging techniques for the skeleton. In addition, this edition features a free, online-only appendix of medicines used to treat bone disorders and their availability around the world.

Pathology of Bone and Joint Disorders Print and Online Bundle

Completely updated, the new edition of this easy-to-reference text examines the physiological, biochemical, and genetic aspects of pediatric endocrine disorders. Leaders in the field discuss the hottest topics-including genetics, diabetes and obesity-impacting today's endocrine practice, keeping you up to date. A user-friendly organization speeds you to the information you need, and conceptual illustrations and photographs depict the latest advances with consistency and clarity. It's the guidance you need to provide effective, state-of-the-art care for your pediatric and neonatal patients. Examines the physiological, biochemical, and genetic aspects of endocrine disorders all in one convenient reference. Incorporates the importance of molecular biology as it relates to developmental and pediatric endocrinology. Offers expanded coverage of genetics, diabetes and obesity-topics of increasing concern in pediatric endocrinology today. Presents the work of many new contributors for fresh perspectives on the current state of pediatric endocrinology. Provides new tables of normal values and growth charts for monitoring your patients' progress. Concepts, Endocrine Disorders of the Newborn, Endocrine Disorders of Childhood and Adolescence, and Laboratory Tests and Imaging-making the material easy to navigate.

Sperling Pediatric Endocrinology E-Book

We present to our readers the proceedings of the Second International Workshop on Phosphate. A short account of the history of the effort led to the Phosphate Workshops is appropriate and can be of interest to the reader. The idea for Phosphate Workshops was born in the early days of November, 1974. One of us (S. G. M.) suggested the thought to a group of scientists gathered for a luncheon in one of the attractive small restaurants in Weisbaden, Germany. The purpose of the workshop was to bring together interested scientists to discuss the newer developments and the recent advances in the field of phosphate metabolism and the other related minerals. An Organizing Committee made of Shaul G. Massry (USA), Louis V. Avioli (USA), Philippe Bordier (France), Herbert Fleisch (Switzerland), and

Eduardo Slatopolsky (USA) was formed. The First Workshop was held in Paris during June 5-6, 1975 and was hosted by Dr. Philippe Bordier. Its proceeding was already published. The Second Workshop took place in Heidelberg during June 28-30, 1976 and was hosted by Dr. Eberhard Ritz. Both of these workshops were extremely successful scientific endeavors, and the need for them was demonstrated by the great interest they generated among the scientific community. The Organizing Committee, therefore, decided to continue with the tradition to hold additional Workshops annually or every other year.

Primer on the Metabolic Bone Diseases and Disorders of Mineral Metabolism

Evaluates newer and established techniques of body composition assessment.

Pediatric Endocrinology

Adolescents have unique nutritional needs when compared to young children and adults. As youth go through physical, cognitive, and behavioral development, nutrition needs are dynamic and changing. If these needs go undetected and remain unaddressed, the results can derail physical and social maturation and include life-long effects on health. This comprehensive text offers a multidisciplinary perspective on aspects of adolescent nutrition. Using clinical cases, it covers relevant topics related to adolescent health including normal development, chronic health conditions, and complex biopsychosocial dynamics, among others. The first section of the text contains an overview of adolescent nutrition that is further broken down into more specific topics such as developmental nutrition needs, needs of active youth and athletes and media influences on body image. The next section focuses on health disparities such as culturally appropriate care, health equity, international considerations and food insecurity. The following section specifically addresses eating disorders ranging from anorexia and bulimia to binge eating. Finally, the last section covers additional health considerations such as polycystic ovarian syndrome, teen pregnancy, substance use and gender non-conforming youth. Written by experts in the field, this book is a helpful resource for primary care medical providers, registered dietitians/nutritionists (RDN), adolescent medicine specialists, as well as advanced practice nurses, physician assistants, psychologists, licensed social workers, and certified athletic trainers. /div

The British National Bibliography

The book is the first major review of menopause-associated osteoporosis, post WHI. The book has in-depth sections on the pathogenesis, epidemiology, and diagnosis of osteoporosis. The chief focus is on medical prevention and treatment, and includes chapters on hormone replacement therapy, bisphosphonates, selective estrogen receptor modulators (SER

Phosphate Metabolism

Pediatric Inflammatory Bowel Disease, Second Edition provides an essential reference with an emphasis on the unique pediatric issues of IBD. Chapters focus on complications of IBD specific to children and adolescents. Treatment recommendations are based on the latest clinical research available. The textbook also presents sections dedicated to the aspects of participation in clinical research unique to children and adolescents and the complicated yet vital process of successfully transitioning a patient from a pediatric to adult specialist. Controversies in pediatric IBD care such as the off-label use of medications are also covered. The format incorporates multiple tables, graphs, and figures to improve readability and make for an efficient reference for clinicians to use. Thoroughly revised and updated from the first edition, the volumes includes new therapies that are currently being used or tested for treatment of IBD, important areas regarding incidence and prevalence, immunization and response to vaccine administration as well as advancements in our understanding of growth and development with particular to the use of growth hormone therapy. Other new areas covered include important topics of complementary and alternative medicine use in IBD, immunization, and liver disease in IBD. Pediatric Inflammatory Bowel Disease, Second Edition is a valuable resource for pediatric gastroenterologists as well as adult gastroenterologists.

Body Composition Techniques in Health and Disease

Addresses the following questions: what is the optimal amount of calcium intake; what are the important cofactors for achieving optimal calcium intake; what are the risks associated with increased levels of calcium intake; what are the best ways to attain optimal calcium intake; what public health strategies

are available and needed to implement optimal calcium intake recommendations; and what are the recommendations for future research on calcium intake.

Adolescent Nutrition

After more than 75 years, Nelson Textbook of Pediatrics remains your indispensable source for definitive, state-of-the-art answers on every aspect of pediatric care. Embracing the new advances in science as well as the time-honored art of pediatric practice, this classic reference provides the essential information that practitioners and other care providers involved in pediatric health care throughout the world need to understand to effectively address the enormous range of biologic, psychologic, and social problems that our children and youth may face. Brand-new chapters and comprehensive revisions throughout ensure that you have the most recent information on diagnosis and treatment of pediatric diseases based on the latest recommendations and methodologies. "The coverage of such a wide range of subjects relating to child health makes this textbook still the gold standard and companion for all pediatricians across the world." Reviewed by Neel Kamal, Sept 2015 "All in all, this is an excellent and detailed paediatric review textbook which represents excellent value for money..truly a textbook for the global community" Reviewed by glycosmedia.com, Sept 2015 Form a definitive diagnosis and create the best treatment plans possible using evidence-based medicine and astute clinical experiences from leading international authors-many new to this edition. A NEW two-volume layout provides superior portability and exceptional ease of use. Gain a more complete perspective. Along with a broader emphasis on imaging and molecular diagnoses and updated references, the new edition includes an increased focus on international issues to ensure relevance in pediatrics practice throughout the world. Effectively apply the latest techniques and approaches with complete updates throughout 35 new chapters, including: Innovations in Addressing Child Health and Survival in Low Income Settings; Developmental Domains and Theories of Cognition; The Reggio Emilia Educational Approach Catatonia ; Refeeding Syndrome; Altitude-associated Illness; Genetic Approaches to Rare and Undiagnosed Diseases; Healthcare?Associated Infections; Intrapartum and Peripartum Infections; Bath salts and other drugs of abuse; Small Fiber Polyneuropathy; Microbiome; *Kingella kingae*; Mitochondrial Neurogastrointestinal Encephalomyopathy; Nonalcoholic Fatty Liver Disease; Plagiocephaly; CNS Vasculitis; Anterior Cruciate Ligament Rupture; and Sports-Related Traumatic Brain Injury. Recognize, diagnose, and manage genetic and acquired conditions more effectively. A new Rehabilitation section with 10 new chapters, including: Evaluation of the Child for Rehabilitative Services; Severe Traumatic Brain Injury; Spinal Cord Injury and Autonomic Crisis Management; Spasticity; Birth Brachial Plexus Palsy; Traumatic and Sports-Related Injuries; Meningomyelocele; Health and Wellness for Children with Disabilities. Manage the transition to adult healthcare for children with chronic diseases through discussions of the overall health needs of patients with congenital heart defects, diabetes, and cystic fibrosis. Understand the principles of therapy and which drugs and dosages to prescribe for every disease. Expert Consult eBook version included with purchase. This enhanced eBook experience allows you to search all of the text, figures, and references from the book on a variety of devices.

Postmenopausal Osteoporosis

This new edition of Norbert Tietz's classic handbook presents information on common tests as well as rare and highly specialized tests and procedures - including a summary of the utility and merit of each test. Biological variables that may affect test results are discussed, and a focus is placed on reference ranges, diagnostic information, clinical interpretation of laboratory data, interferences, and specimen types. New and updated content has been added in all areas, with over 100 new tests added. Tests are divided into 8 main sections and arranged alphabetically. Each test includes necessary information such as test name (or disorder) and method, specimens and special requirements, reference ranges, chemical interferences and in vivo effects, kinetic values, diagnostic information, factors influencing drug disposition, and clinical comments and remarks. The most current and relevant tests are included; outdated tests have been eliminated. Test index (with extensive cross references) and disease index provide the reader with an easy way to find necessary information Four new sections in key areas (Preanalytical, Flow Cytometry, Pharmacogenomics, and Allergy) make this edition current and useful. New editor Alan Wu, who specializes in Clinical Chemistry and Toxicology, brings a wealth of experience and expertise to this edition. The Molecular Diagnostics section has been greatly expanded due to the increased prevalence of new molecular techniques being used in laboratories. References are now found after each test, rather than at the end of each section, for easier access.

Pediatric Inflammatory Bowel Disease

