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**KEY=9 - CALLUM ROBINSON**

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**ECONOMIC AND MANAGEMENT SCIENCES, GRADE 9**

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**ECONOMIC AND MANAGEMENT SCIENCES, GRADE 8**

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**Study & master economic and management sciences grade 8 has been especially developed by an experienced author team for the Curriculum and Assessment Policy Statement (CAPS). This new and easy-to-use course helps learners to master essential content and skills in economic and management sciences.**

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**CUMULATED INDEX MEDICUS**

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**WOMELA-GG 2019**

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**THE 1ST WORKSHOP ON MULTIMEDIA EDUCATION, LEARNING, ASSESSMENT AND ITS IMPLEMENTATION IN GAME AND GAMIFICATION IN CONJUNCTION WITH COMDEV 2018, MEDAN INDONESIA, 26TH JANUARY 2019,**

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## **WOMELA-GG**

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European Alliance for Innovation **We are delighted to introduce the proceedings of the first edition of the Workshop on Multimedia Education, Learning, Assessment and its Implementation in Game and Gamification. This Workshop has brought researchers, developers and practitioners around the world who are leveraging and developing the education, media learning and scientific technology. We strongly believe that this Joint Workshop on Multimedia Education, Learning, Assessment and its Implementation in Game and Gamification provides a good forum for all researcher, developers and practitioners to discuss all scientific and technological aspects that are relevant to Digital Society. We also expect that the future Workshop will be as successful and stimulating, as indicated by the contributions presented in this volume.**

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## **DIGEST OF EDUCATION STATISTICS 2012**

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Government Printing Office **Digest of Education Statistics 2012 is the 48th in a series of publications initiated in 1962. Its primary purpose is to provide a compilation of statistical information covering the broad field of American education--from pre-kindergarten through graduate school--drawn from government and private sources, but especially from surveys and other activities led by NCES (National Center for Education Statistics) part of the Institute for Education Sciences (IES). The digest contains data on the number of schools, students, and teachers, as well as statistics on educational attainment, finances, libraries, technology, and international comparisons. Details on population trends, education attitudes, labor force characteristics, and federal aid supplies helpful background for evaluating the education data. This statistical reference could be helpful to parents choosing schools for their children as well as for teachers, librarians, and public administrators as it tracks enrollment, population trends and key areas of studies with student progress. It also tracks the post-secondary/college level detailing undergraduate tuition and room/board ESTIMATE costs at private nonprofit institutions, private for profit institutions and public institutions. It also tallies the number of postsecondary degrees and provides some gender demographics in this area. The Digest contains seven chapters: All Levels of Education, Elementary and Secondary Education, Postsecondary Education, Federal Programs for Education and Related Activities, Outcomes of Education, International Comparisons of Education, and Libraries and Adult Education. Preceding these chapters is an Introduction that provides a brief overview of current trends in American education, which supplements the tabular materials in chapters 1 through 7. The Digest concludes with three appendixes. The first appendix, Guide to Sources, provides a brief synopsis of the surveys used to generate the Digest**

tables; the second, Definitions, is included to help readers understand terms used in the Digest; and the third, Index of Table Numbers, allows readers to quickly locate tables on specific topics. In addition to updating many of the statistics that have appeared in previous years, this edition contains new material, including: Percentage distribution of 6- to 18-year olds, by parent's highest level of educational attainment, household type (either two-parent or single-parent), and child's race/ethnicity (table 12); Enrollment and percentage distribution of enrollment in public elementary and secondary schools, by race/ethnicity and region (table 44); Number and percentage of public school students participating in programs for English language learners, by state (table 47); Children 3 to 21 years old served under Individuals with Disabilities Education Act, Part B, by age group and race/ethnicity (table 49); Percentage of 3-, 4-, and 5-year-old children enrolled in preprimary programs, by attendance status, level of program, and selected child and family characteristics (table 57); Number and enrollment of public elementary and secondary schools that have closed, by school level and type (table 109); Number and percentage distribution of public school students eligible for free or reduced-price lunch, by school level, locale, and student race/ethnicity (table 112); Public elementary and secondary charter schools and enrollment, by state (table 117); First-time kindergartners' reading, mathematics, science, cognitive flexibility, and approaches to learning scale scores in fall and spring of the kindergarten year, by selected child, family, and school characteristics (table 135); Number and percentage distribution of kindergartners, by kindergarten entry status (i.e., early entrant, on-time entrant, delayed entrant, or kindergarten repeater) and selected child, family, and school characteristics (table 136); Kindergartners' reading, mathematics, science, cognitive flexibility, and approaches to learning scale scores in fall and spring of the kindergarten year, by kindergarten entry status (table 137); Percentage of 9th-grade students participating in various school-sponsored and non-school-sponsored activities, by sex and race/ethnicity (table 183); Percentage of 4th-, 8th-, and 12th-graders absent from school in the last month, by selected student and school characteristics and number of days absent (table 187); Total and current expenditures per pupil in fall enrollment in public elementary and secondary schools, by function and subfunction (table 214); Total fall enrollment in all postsecondary institutions participating in Title IV programs, by degree-granting status and control of institution (table 222); Percentage of recent high school completers enrolled in 2-year and 4-year colleges, by income level (table 236); Number of postsecondary students who entered the student loan repayment phase, number of students who defaulted, and 2-year student loan cohort default rates, by level and control of institution (table 400); Number and percentage of persons 16 to 24 years old who were neither enrolled in school nor working, by educational attainment, age group, family poverty status, and race/ethnicity (table 429); Employment to population ratios of all persons, males, and females 16 to 64 years old, by age group and educational

attainment (tables 431, 432, and 433); Unemployment rates of all persons, males, and females 16 to 64 years old, by age group and educational attainment (tables 434, 435, and 436); Percentage of high school students age 16 over who were employed, by age group, sex, race/ethnicity, family income, nativity, and hours worked per week (table 441); and Average reading literacy scale scores of fourth-graders and percentage whose schools emphasize reading skills and strategies at or before second grade or at third grade, by sex and country or other education system (table 462).

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## **THE EUROPEAN UNION AND GLOBAL CAPITALISM**

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### **ORIGINS, DEVELOPMENT, CRISIS**

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Bloomsbury Publishing This book draws on critical theory to introduce readers to ways of exploring questions about the EU from a political economy perspective, questions like: -Does the EU help or hinder Europe's 'social models' to face the challenges of globalization? - Does the EU represent a break from Europe's imperial past? - What were the causes of the Eurozone crisis?

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## **MOLECULAR MICROBIOLOGY**

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### **DIAGNOSTIC PRINCIPLES AND PRACTICE**

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John Wiley & Sons Presenting the latest molecular diagnostic techniques in one comprehensive volume The molecular diagnostics landscape has changed dramatically since the last edition of *Molecular Microbiology: Diagnostic Principles and Practice* in 2011. With the spread of molecular testing and the development of new technologies and their opportunities, laboratory professionals and physicians more than ever need a resource to help them navigate this rapidly evolving field. Editors David Persing and Fred Tenover have brought together a team of experienced researchers and diagnosticians to update this third edition comprehensively, to present the latest developments in molecular diagnostics in the support of clinical care and of basic and clinical research, including next-generation sequencing and whole-genome analysis. These updates are provided in an easy-to-read format and supported by a broad range of practical advice, such as determining the appropriate type and quantity of a specimen, releasing and concentrating the targets, and eliminating inhibitors. *Molecular Microbiology: Diagnostic Principles and Practice* Presents the latest basic scientific theory underlying molecular diagnostics Offers tested and proven applications of molecular diagnostics for the diagnosis of infectious diseases, including point-of-care testing Illustrates and

summarizes key concepts and techniques with detailed figures and tables Discusses emerging technologies, including the use of molecular typing methods for real-time tracking of infectious outbreaks and antibiotic resistance Advises on the latest quality control and quality assurance measures Explores the increasing opportunities and capabilities of information technology Molecular Microbiology: Diagnostic Principles and Practice is a textbook for molecular diagnostics courses that can also be used by anyone involved with diagnostic test selection and interpretation. It is also a useful reference for laboratories and as a continuing education resource for physicians.

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## **FEDERAL REGISTER**

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## **EMT EXAM FOR DUMMIES WITH ONLINE PRACTICE**

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John Wiley & Sons **Test-taking strategies and steps to succeed as an EMT** No two EMT exam experiences are exactly alike, as questions are tailored to the test-taker and range in topics from handling medical emergencies and patient assessment, to medical ethics, ambulance operations, and pediatrics. **EMT Exam For Dummies** takes the intimidation out of the test, offering everything you need to prepare for—and pass—the exam. Along with the book, there is also an online companion website that features two additional practice tests, and over 200 flashcards to ensure that you do your best on test day. Career opportunities are abundant for certified EMTs, and this straightforward guide increases your chances of scoring higher on the computer-adaptive and practical portions of the exam so you can get out in the field and dispense lifesaving medical care. In the book, you'll find an overview of the EMT Exam, including test organization and how the exam is scored, content review with practice questions, a sneak peek at the practical exam, and one full-length practice test with detailed answer explanations. Includes sample test questions and detailed answers throughout, as well as a sneak peek into the practical test Gives you two bonus practice exams via the companion online test bank, with tests available in timed and untimed formats, and more than 200 flashcards that cover all the test topics Offers clear test-taking advice for passing the crucial, practical part of the exam Covers the psychomotor component of the EMT Exam **EMT Exam For Dummies** has everything you need to succeed as an EMT and continue your training, and with an easy-to-read style and focus on the most important details, you'll be ready to pass the exam in no time!

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## **DIGEST OF EDUCATION STATISTICS 2011**

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National Center for Education Statistics

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## THE MODEL LEGUME MEDICAGO TRUNCATULA, 2 VOLUME SET

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John Wiley & Sons Fully covers the biology, biochemistry, genetics, and genomics of *Medicago truncatula* Model plant species are valuable not only because they lead to discoveries in basic biology, but also because they provide resources that facilitate translational biology to improve crops of economic importance. Plant scientists are drawn to models because of their ease of manipulation, simple genome organization, rapid life cycles, and the availability of multiple genetic and genomic tools. This reference provides comprehensive coverage of the Model Legume *Medicago truncatula*. It features review chapters as well as research chapters describing experiments carried out by the authors with clear materials and methods. Most of the chapters utilize advanced molecular techniques and biochemical analyses to approach a variety of aspects of the Model. The Model Legume *Medicago truncatula* starts with an examination of *M. truncatula* plant development; biosynthesis of natural products; stress and *M. truncatula*; and the *M. truncatula*-*Sinorhizobium meliloti* symbiosis. Symbiosis of *Medicago truncatula* with arbuscular mycorrhiza comes next, followed by chapters on the common symbiotic signaling pathway (CSSP or SYM) and infection events in the Rhizobium-legume symbiosis. Other sections look at hormones and the rhizobial and mycorrhizal symbioses; autoregulation of nodule numbers (AON) in *M. truncatula*; *Medicago truncatula* databases and computer programs; and more. Contains reviews, original research chapters, and methods Covers most aspects of the *M. truncatula* Model System, including basic biology, biochemistry, genetics, and genomics of this system Offers molecular techniques and advanced biochemical analyses for approaching a variety of aspects of the Model Legume *Medicago truncatula* Includes introductions by the editor to each section, presenting the summary of selected chapters in the section Features an extensive index, to facilitate the search for key terms The Model Legume *Medicago truncatula* is an excellent book for researchers and upper level graduate students in microbial ecology, environmental microbiology, plant genetics and biochemistry. It will also benefit legume biologists, plant molecular biologists, agrobiologists, plant breeders, bioinformaticians, and evolutionary biologists.

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## SUSTAINABLE DEVELOPMENT RESEARCH AT UNIVERSITIES IN THE UNITED KINGDOM

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### APPROACHES, METHODS AND PROJECTS

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Springer This book gathers inputs from a variety of researchers in the field of sustainable development in the widest sense across the UK, from business and economics, to arts and fashion, administration, environment and media

studies. The book also describes research, curriculum innovation, and campus greening in a comprehensive way. Many universities in the United Kingdom are currently engaged in high-quality research on matters related to sustainable development. Yet there are relatively few publications that provide a multidisciplinary overview of these efforts and projects, and in which researchers from across the spectrum of the natural and social sciences have the opportunity to present their research methods, the results of their empirical research, or exchange ideas about on-going and future research initiatives focusing on sustainable development. Addressing this important gap in the literature, this book contributes to the further development of this rapidly growing field in the United Kingdom and beyond.

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## **EMERGING MARKET VOLATILITY**

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### **LESSONS FROM THE TAPER TANTRUM**

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International Monetary Fund Accommodative monetary policies in advanced economies have spurred increased capital inflows into emerging markets since the global financial crisis. Starting in May 2013, when the Federal Reserve publicly discussed its plans for tapering unconventional monetary policies, these emerging markets have experienced financial turbulence at the same that their domestic economic activity has slowed. This paper examines their experiences and policy responses and draws broad policy lessons. For emerging markets, good macroeconomic fundamentals matter, and early and decisive measures to strengthen macroeconomic policies and reduce vulnerabilities help dampen market reactions to external shocks. For advanced economies, clear and effective communication about the exit from unconventional monetary policy can and did help later to reduce the risk of excessive market volatility. And for the global community, enhanced global cooperation, including a strong global financial safety net, offers emerging markets effective protection against excessive volatility.

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## **EMERGENCY MEDICAL SERVICES**

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### **CLINICAL PRACTICE AND SYSTEMS OVERSIGHT, 2 VOLUME SET**

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John Wiley & Sons **Emergency Medical Services: Clinical Practice and Systems Oversight** is the official textbook of the **National Association of EMS Physicians™ (NAEMSP™)** **National EMS Medical Directors Course and Practicum™**. Now paired with a companion website featuring self-assessment exercises, audio and video clips of EMS best practices in action, and more, this essential study aid guides students through the core knowledge they need to successfully

complete their training and begin their careers as EMS physicians. Emergency Medical Services: Clinical Practice and Systems Oversight consists of: Volume 1: Clinical Aspects of EMS Volume 2: Medical Oversight of EMS Companion website featuring supportive self-assessment exercises, audio and video clips

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### **FOUNDATIONS OF EDUCATION: AN EMS APPROACH**

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Jones & Bartlett Learning The evolving field of emergency medical services (EMS) requires professional educators who are knowledgeable about teaching and learning strategies, classroom management, assessment and evaluation, technology in learning, legal implications in education, program infrastructure design, and administering programs of excellence to meet state and national accreditation guidelines. Foundations of Education: An EMS Approach, Third Edition, provides EMS educators with the tools, ideas, and information necessary to succeed in each of these areas. The content reflects how current educational knowledge and theory uniquely apply to EMS students, educators, and programs. This textbook is used in the NAEMSE Instructor Courses, and is an excellent reference for all EMS educators, as well as educators in allied health professions. Evidence-Based Content In addition to foundational topics such as teaching philosophy and classroom management, the text covers brain-based learning, accreditation and program evaluation, emerging technologies, and assessment strategies. It guides educators to write objectives, prepare lesson plans, and deliver education in engaging ways to maximize student learning. Grounded in this information, EMS educators can promote effective education regardless of the type of course or setting. Highlights -Covers current educational theory and teaching methodologies specific to EMS -Meets and exceeds the latest DOT National Guidelines for Educating EMS Instructors -Offer practical advice and scenarios in the form of Teaching Tips and Case in Points

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### **TOWARD SUSTAINABILITY THROUGH DIGITAL TECHNOLOGIES AND PRACTICES IN THE EURASIAN REGION**

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IGI Global In today's modernized world, implementing technology into the infrastructures of communities has become a common custom. The idea of digital economy has proven to be an efficient, dynamic, and highly adaptable mode of performance, and regions across the globe have begun applying these digital approaches to their populated foundation. One region of the world that has recently begun using modern technologies is Eurasia. As they continue their technological transition from "theory" to "practice," significant research is needed on the emergence of sustainability in these countries. Toward Sustainability Through Digital Technologies and Practices in the Eurasian Region is a pivotal reference source that provides vital research on the implementation of digital initiatives within

Eurasian countries and their social and economic principles. While highlighting topics such as educational technologies, mobile applications, and sustainable business, this publication explores the cultural aspects and social interaction of digital applications within this region of the world. This book is ideally designed for economists, IT professionals, educators, researchers, social scientists, policymakers, academicians, and students.

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### **DIGEST OF EDUCATION STATISTICS**

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Contains information on a variety of subjects within the field of education statistics, including the number of schools and colleges, enrollments, teachers, graduates, educational attainment, finances, Federal funds for education, libraries, international education, and research and development.

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### **STRATEGIES TO IMPROVE CARDIAC ARREST SURVIVAL**

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#### **A TIME TO ACT**

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National Academies Press **Cardiac arrest can strike a seemingly healthy individual of any age, race, ethnicity, or gender at any time in any location, often without warning. Cardiac arrest is the third leading cause of death in the United States, following cancer and heart disease. Four out of five cardiac arrests occur in the home, and more than 90 percent of individuals with cardiac arrest die before reaching the hospital. First and foremost, cardiac arrest treatment is a community issue - local resources and personnel must provide appropriate, high-quality care to save the life of a community member. Time between onset of arrest and provision of care is fundamental, and shortening this time is one of the best ways to reduce the risk of death and disability from cardiac arrest. Specific actions can be implemented now to decrease this time, and recent advances in science could lead to new discoveries in the causes of, and treatments for, cardiac arrest. However, specific barriers must first be addressed. Strategies to Improve Cardiac Arrest Survival examines the complete system of response to cardiac arrest in the United States and identifies opportunities within existing and new treatments, strategies, and research that promise to improve the survival and recovery of patients. The recommendations of Strategies to Improve Cardiac Arrest Survival provide high-priority actions to advance the field as a whole. This report will help citizens, government agencies, and private industry to improve health outcomes from sudden cardiac arrest across the United States.**

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## **BIOLOGICAL ANTHROPOLOGY OF THE HUMAN SKELETON**

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John Wiley & Sons **An Indispensable Resource on Advanced Methods of Analysis of Human Skeletal and Dental Remains in Archaeological and Forensic Contexts** Now in its third edition, **Biological Anthropology of the Human Skeleton** has become a key reference for bioarchaeologists, human osteologists, and paleopathologists throughout the world. It builds upon basic skills to provide the foundation for advanced scientific analyses of human skeletal remains in cultural, archaeological, and theoretical contexts. This new edition features updated coverage of topics including histomorphometry, dental morphology, stable isotope methods, and ancient DNA, as well as a number of new chapters on paleopathology. It also covers bioarchaeological ethics, taphonomy and the nature of archaeological assemblages, biomechanical analyses of archaeological human skeletons, and more. Fully updated and revised with new material written by leading researchers in the field Includes many case studies to demonstrate application of methods of analysis Offers valuable information on contexts, methods, applications, promises, and pitfalls Covering the latest advanced methods and techniques for analyzing skeletal and dental remains from archaeological discoveries, **Biological Anthropology of the Human Skeleton** is a trusted text for advanced undergraduates, graduate students, and professionals in human osteology, bioarchaeology, and paleopathology.

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## **EMERGENCY RESPONSE GUIDEBOOK**

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### **A GUIDEBOOK FOR FIRST RESPONDERS DURING THE INITIAL PHASE OF A DANGEROUS GOODS/HAZARDOUS MATERIALS TRANSPORTATION INCIDENT**

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Simon and Schuster **Does the identification number 60 indicate a toxic substance or a flammable solid, in the molten state at an elevated temperature? Does the identification number 1035 indicate ethane or butane? What is the difference between natural gas transmission pipelines and natural gas distribution pipelines? If you came upon an overturned truck on the highway that was leaking, would you be able to identify if it was hazardous and know what steps to take? Questions like these and more are answered in the Emergency Response Guidebook. Learn how to identify symbols for and vehicles carrying toxic, flammable, explosive, radioactive, or otherwise harmful substances and how to respond once an incident involving those substances has been identified. Always be prepared in situations that are unfamiliar and dangerous and know how to rectify them. Keeping this guide around at all times will ensure that, if you were to come upon a transportation situation involving hazardous substances or dangerous goods, you will**

be able to help keep others and yourself out of danger. With color-coded pages for quick and easy reference, this is the official manual used by first responders in the United States and Canada for transportation incidents involving dangerous goods or hazardous materials.

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## **PAIN MANAGEMENT AND THE OPIOID EPIDEMIC**

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### **BALANCING SOCIETAL AND INDIVIDUAL BENEFITS AND RISKS OF PRESCRIPTION OPIOID USE**

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National Academies Press **Drug overdose, driven largely by overdose related to the use of opioids, is now the leading cause of unintentional injury death in the United States. The ongoing opioid crisis lies at the intersection of two public health challenges: reducing the burden of suffering from pain and containing the rising toll of the harms that can arise from the use of opioid medications. Chronic pain and opioid use disorder both represent complex human conditions affecting millions of Americans and causing untold disability and loss of function. In the context of the growing opioid problem, the U.S. Food and Drug Administration (FDA) launched an Opioids Action Plan in early 2016. As part of this plan, the FDA asked the National Academies of Sciences, Engineering, and Medicine to convene a committee to update the state of the science on pain research, care, and education and to identify actions the FDA and others can take to respond to the opioid epidemic, with a particular focus on informing FDA's development of a formal method for incorporating individual and societal considerations into its risk-benefit framework for opioid approval and monitoring.**

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## **PSYCHOLOGY**

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Cengage Learning **PSYCHOLOGY: FOUNDATIONS AND FRONTIERS** offers a fresh and updated approach that combines the appealing content, visuals, and effective features of Douglas Bernstein's two previous introductory psychology textbooks. Focusing on active learning, the text presents important findings from established and current research, emphasizes the many ways psychological theory and research results are being applied to benefit human welfare, and integrates extensive pedagogy. The integrated pedagogical system helps students master the material by supporting the elements of the PQ4R (Preview, Question, Read, Recite, Review, and Reflect) study system. Try This activities illustrate psychological principles or phenomena by encouraging students to learn by doing. Other features designed to promote efficient learning include Linkages diagrams and sections that show how topics in psychology are interrelated, Thinking Critically sections that apply a five-question approach to various topics, and Focus on Research sections that help students think objectively about research questions and results. To offer flexibility in a single-term

course, the book includes eighteen chapters that may be assigned in whatever order meets instructors' needs. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

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## **BYSTANDER CPR**

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### **NEW ASPECTS OF CPR TRAINING AMONG STUDENTS AND THE IMPORTANCE OF BYSTANDER EDUCATION LEVEL ON SURVIVAL**

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Linköping University Electronic Press **Background:** It has been proved that bystander cardiopulmonary resuscitation (CPR) saves lives; however, which training method in CPR is most instructive and whether survival is affected by the training level of the bystander have not yet been fully described. **Aim:** To identify the factors that may affect 7th grade students' acquisition of CPR skills during CPR training and their willingness to act, and to describe 30-day survival from out-of-hospital cardiac arrest (OHCA) after bystander CPR and the actions performed by laymen versus off-duty medically educated personnel. **Methods:** Studies I-III investigate a CPR training intervention given to students in 7th grade during 2013-2014. The classes were randomized to the main intervention: the mobile phone application (app) or DVD-based training. Some of the classes were randomized to one or several additional interventions: a practical test with feedback, reflection, a web course, a visit from elite athletes and automated external defibrillator (AED) training. The students' practical skills, willingness to act and knowledge of stroke symptoms, symptoms of acute myocardial infarction (AMI) and lifestyle factors were assessed directly after training and at 6 months using the Laerdal PC SkillReporting system (and entered into a modified version of the Cardiff test scoring sheet) and a questionnaire. The Cardiff test resulted in a total score of 12-48 points, and the questionnaire resulted in a total score of 0-7 points for stroke symptoms, 0-9 points for symptoms of AMI and 0-6 points on lifestyle factors. Study IV is based on retrospective data from the national quality register, the Swedish registry of cardiopulmonary resuscitation, 2010-2014. **Results:** A total of 1339 students were included in the CPR training intervention. The DVD-based group was superior to the app-based group in CPR skills, with a total score of 35 (SD 4.0) vs 33 (SD 4.2) points directly after training ( $p < 0.001$ ) and 33 (SD 4.0) vs 31 (SD 4.2) points at six months ( $p < 0.001$ ). Of the additional interventions, the practical test with feedback had the greatest influence regarding practical skills: at six months the intervention group scored 32 (SD 3.9) points and the control group (CPR only) scored 30 (SD 4.0) points ( $p < 0.001$ ). Reflection, the web course, visits from elite athletes and AED training did not further increase the students' acquisition of practical CPR

skills. The students who completed the web course Help-Brain-Heart received a higher total score for theoretical knowledge in comparison with the control group, directly after training: stroke 3.8 (SD 1.8) vs 2.7 (SD 2.0) points ( $p<0.001$ ); AMI 4.0 (SD 2.0) vs 2.5 (SD 2.0) points ( $p<0.001$ ); lifestyle factors 5.4 (SD 1.2) vs 4.5 (SD 2.0) points  $p<0.001$ . Most of the students (77% at 6 months), regardless of the intervention applied, expressed that they would perform both chest compressions and ventilations in a cardiac arrest (CA) situation involving a relative. If a stranger had CA, a significantly lower proportion of students (32%;  $p<0.001$ ) would perform both compressions and ventilations. In this case, however, many would perform compressions only. In most cases of bystander-witnessed OHCA, CPR was performed by laymen. Off-duty health care personnel bystanders initiated CPR within 1 minute vs 2 minutes for laymen ( $p<0.0001$ ). Thirty-day survival was 14.7% among patients who received CPR from laymen and 17.2% ( $p=0.02$ ) among patients who received bystander CPR from off-duty health care personnel. Conclusions: The DVD-based method was superior to the app-based method in terms of teaching practical CPR skills to 7th grade students. Of the additional interventions, a practical test with feedback was the most efficient intervention to increase learning outcome. The additional interventions, reflection, web course, visit from elite athletes and AED did not increase CPR skills further. However, the web course Help-Brain-Heart improved the students' acquisition of theoretical knowledge regarding stroke, AMI and lifestyle factors. For OHCA, off-duty health care personnel bystanders initiated CPR earlier and 30-day survival was higher compared with laymen bystanders.

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## **OCCUPATIONAL OUTLOOK HANDBOOK**

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### **THE FOX AND THE STORK**

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Pelangi ePublishing Sdn Bhd This book is suitable for children age 4 and above. "The Fox and the Stork" is a story about a stork that goes to a fox's house for dinner. The fox decides to make fun of a stork by treating it to a plate of soup. The stork is unable to drink the soup and leaves the fox's house hungry. The stork decides to teach the fox a lesson. The next day when the fox goes to the stork's house for dinner, the stork treats the fox to a tall jar of soup. The fox goes home hungry and realises its mistake.

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### **THE INLAND PRINTER**

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## **BANDAGE, SORT, AND HUSTLE**

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### **AMBULANCE CREWS ON THE FRONT LINES OF URBAN SUFFERING**

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University of California Press **What is the role of the ambulance in the American city? The prevailing narrative provides a rather simple answer: saving and transporting the critically ill and injured. This is not an incorrect description, but it is incomplete. Drawing on field observations, medical records, and his own experience as a novice emergency medical technician, sociologist Josh Seim reimagines paramedicine as a frontline institution for governing urban suffering. Bandage, Sort, and Hustle argues that the ambulance is part of a fragmented regime that is focused more on neutralizing hardships (which are disproportionately carried by poor people and people of color) than on eradicating the root causes of agony. Whether by compressing lifeless chests on the streets or by transporting the publicly intoxicated into the hospital, ambulance crews tend to handle suffering bodies near the bottom of the polarized metropolis. Seim illustrates how this work puts crews in recurrent, and sometimes tense, contact with the emergency department nurses and police officers who share their clientele. These street-level relations, however, cannot be understood without considering the bureaucratic and capitalistic forces that control and coordinate ambulance labor from above. Beyond the ambulance, this book motivates a labor-centric model for understanding the frontline governance of down-and-out populations.**

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### **PSYCHOSOCIAL ADVANCES IN NEURO-ONCOLOGY**

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Frontiers Media SA **Neuro-oncology is a rapidly growing field concerned with scientific developments and clinical applications related to neuroscience, neuropsychology, cancer and oncology. Neuro-oncological disorders include cancers that directly affect the central nervous system (CNS), such as brain tumours and brain metastases, and non-CNS cancers with treatments that produce neurocognitive impairment. To date, the biological mechanisms and neuropsychological effects of brain tumour and cancer have been the dominant focus in neuro-oncology literature. In terms of psychosocial aspects of care, people's understanding of their diagnosis and symptoms and how they cope with their illness has a major influence on their emotional well-being and quality of life. The development and evaluation of psychological and supportive care interventions for people with brain tumour is an area of emerging research and of high interest to health professionals working in the field. This Research Topic aims to enhance understanding of the psychological and social consequences of brain tumour and other cancers impacting**

neurocognitive function. It also aims to showcase new developments in assessment and psychosocial intervention approaches.

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## **MINDSET**

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### **THE NEW PSYCHOLOGY OF SUCCESS**

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Random House The updated edition of the bestselling book that has changed millions of lives with its insights into the growth mindset “Through clever research studies and engaging writing, Dweck illuminates how our beliefs about our capabilities exert tremendous influence on how we learn and which paths we take in life.”—Bill Gates, GatesNotes After decades of research, world-renowned Stanford University psychologist Carol S. Dweck, Ph.D., discovered a simple but groundbreaking idea: the power of mindset. In this brilliant book, she shows how success in school, work, sports, the arts, and almost every area of human endeavor can be dramatically influenced by how we think about our talents and abilities. People with a fixed mindset—those who believe that abilities are fixed—are less likely to flourish than those with a growth mindset—those who believe that abilities can be developed. Mindset reveals how great parents, teachers, managers, and athletes can put this idea to use to foster outstanding accomplishment. In this edition, Dweck offers new insights into her now famous and broadly embraced concept. She introduces a phenomenon she calls false growth mindset and guides people toward adopting a deeper, truer growth mindset. She also expands the mindset concept beyond the individual, applying it to the cultures of groups and organizations. With the right mindset, you can motivate those you lead, teach, and love—to transform their lives and your own.

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### **ADVANCES IN AFFECTIVE AND PLEASURABLE DESIGN**

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AHFE International (USA) This volume discusses pleasurable design — a part of the traditional usability design and evaluation methodologies. The book emphasizes the importance of designing products and services to maximize user satisfaction. By combining this with traditional usability methods it increases the appeal of products and use of services. This book focuses on a positive emotional approach in product, service, and system design and emphasizes aesthetics and enjoyment in user experience and provides dissemination and exchange of scientific information on the theoretical and practical areas of affective and pleasurable design for research experts and industry practitioners from multidisciplinary backgrounds, including industrial designers, emotion designer, ethnographers, human-computer interaction researchers, human factors engineers, interaction designers, mobile product designers, and vehicle system

designers.

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## **RESEARCH METHODS IN PSYCHOLOGY**

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### **INVESTIGATING HUMAN BEHAVIOR**

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SAGE Publications **The Second Edition of Paul G. Nestor and Russell K. Schutt’s successful and unique Research Methods in Psychology: Investigating Human Behavior draws from substantive research stories to illustrate how research is presented while systematically unifying the entire research process within a conceptual framework. This accessible text examines engaging research studies and examples, considering research ethics throughout. “This is a great text that emphasizes the important concepts within research methods. The resources are excellent; they incorporate up-to-date research and technology and introduce the student to empirical articles, and the information is presented in a way that challenges the student to apply the material.” —Maria Pacella, Kent State University “The text is comprehensive. It covers a wide variety of information without being overwhelming. This is a very good textbook for an introductory course in research methods. I like that its focus is on psychological research specifically.” —Angela M. Heads, Prairie View A&M University**

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### **EMERGENCY CARE AND TRANSPORTATION OF THE SICK AND INJURED**

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Jones & Bartlett Learning **The core training program for the EMT provider level.**

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### **MONITORING THE FUTURE**

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### **NATIONAL SURVEY RESULTS ON DRUG USE, 1975-2005**

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### **ROSEN'S EMERGENCY MEDICINE - CONCEPTS AND CLINICAL PRACTICE E-BOOK**

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Elsevier Health Sciences **Since its revolutionary first edition in 1983, Rosen's Emergency Medicine set the standard for reliable, accessible, and comprehensive information to guide the clinical practice of emergency medicine. Generations of emergency medicine residents and practitioners have relied on Rosen’s as the source for current information across the spectrum of emergency medicine practice. The 9th Edition continues this tradition of excellence, offering the unparalleled clarity and authority you’ve come to expect from the award-winning leader in the field. Throughout the**

text, content is now more concise, clinically relevant, and accessible than ever before - meeting the needs of today's increasingly busy emergency medicine practitioner. Delivers clear, precise information, focused writing and references; relevant, concise information; and generous use of illustrations provide definitive guidance for every emergency situation. Offers the most immediately relevant content of any emergency medicine reference, providing diagnostic and treatment recommendations with clear indications and preferred actions. Presents the expertise and knowledge of a new generation of editors, who bring fresh insights and new perspectives to the table. Includes more than 550 new figures, including new anatomy drawings, new graphs and algorithms, and new photos. Provides diligently updated content throughout, based on only the most recent and relevant medical literature. Provides improved organization in sections to enhance navigation and six new chapters: Airway Management for the Pediatric Patient; Procedural Sedation and Analgesia for the Pediatric Patient; Drug Therapy for the Pediatric Patient; Co-Morbid Medical Emergencies During Pregnancy; Drug Therapy in the Geriatric Patient; and Global and Humanitarian Emergency Medicine.

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### **IBM IMS SOLUTIONS FOR AUTOMATING DATABASE MANAGEMENT**

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IBM Redbooks Over the last few years, IBM® IMSTM and IMS tools have been modernizing the interfaces to IMS and the IMS tools to bring them more in line with the current interface designs. As the mainframe software products are becoming more integrated with the Windows and mobile environments, a common approach to interfaces is becoming more relevant. The traditional 3270 interface with ISPF as the main interface is no longer the only way to do some of these processes. There is also a need to provide more of a common looking interface so the tools do not have a product-specific interface. This allows more cross product integration. Eclipse and web-based interfaces being used in a development environment, tooling using those environments provides productivity improvements in that the interfaces are common and familiar. IMS and IMS tools developers are making use of those environments to provide tooling that will perform some of the standard DBA functions. This book will take some selected processes and show how this new tooling can be used. This will provide some productivity improvements and also provide a more familiar environment for new generations DBAs. Some of the functions normally done by DBA or console operators can now be done in this eclipse-based environment by the application developers. This means that the need to request these services from others can be eliminated. This IBM Redbooks® publication examines specific IMS DBA processes and highlights the new IMS and IMS tools features, which show an alternative way to accomplish those processes. Each chapter highlights a different area of the DBA processes like: PSB creation Starting/stopping a database in an IMS

system Recovering a database Cloning a set of databases

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## **A TAXONOMY FOR LEARNING, TEACHING, AND ASSESSING**

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### **A REVISION OF BLOOM'S TAXONOMY OF EDUCATIONAL OBJECTIVES**

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Pearson This revision of Bloom's taxonomy is designed to help teachers understand and implement standards-based curriculums. Cognitive psychologists, curriculum specialists, teacher educators, and researchers have developed a two-dimensional framework, focusing on knowledge and cognitive processes. In combination, these two define what students are expected to learn in school. It explores curriculums from three unique perspectives-cognitive psychologists (learning emphasis), curriculum specialists and teacher educators (C & I emphasis), and measurement and assessment experts (assessment emphasis). This revisited framework allows you to connect learning in all areas of curriculum. Educators, or others interested in educational psychology or educational methods for grades K-12.

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## **MULTINATIONAL FINANCE**

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### **EVALUATING OPPORTUNITIES, COSTS, AND RISKS OF OPERATIONS**

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John Wiley & Sons An in-depth treatment of the international financial arena **Multinational Finance, Fifth Edition** assumes the viewpoint of the financial manager of a multinational corporation with investment or financial operations in more than one country. This book provides a framework for evaluating the many opportunities, costs, and risks of multinational operations in a manner that allows readers to see beyond the math and terminology surrounding this field to realize the general principles of multinational financial management. Logically organized and written in a clear, non-technical style, this book includes information on international finance topics such as foreign exchange, currency and derivatives markets, currency risk (transaction, operating, and translation) management, country risk, international taxation, capital structure, cost of capital, and international portfolio diversification. It also offers unique chapters on multinational treasury management, the rationale for hedging currency risks, options on real assets, international corporate governance, asset pricing, and portfolio management. Emphasizes the managerial aspects of multinational finance with graphs, figures, and the use of numerous real-world examples Expands on the treatment of parity disequilibria to include exchange rate expectations that differ from parity and a project's operating exposure to currency risk Provides an overview and comparison of the various derivative instruments and their use in risk hedging

Contains valuable insights on valuation and management of a multinational corporation's investments. If you're looking for the best way to gain a firm understanding of multinational finance, look no further than the fifth edition of this classic text.

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## **NATIONAL STANDARDS & GRADE-LEVEL OUTCOMES FOR K-12 PHYSICAL EDUCATION**

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Human Kinetics Focused on physical literacy and measurable outcomes, empowering physical educators to help students meet the Common Core standards, and coming from a recently renamed but longstanding organization intent on shaping a standard of excellence in physical education, National Standards & Grade-Level Outcomes for K-12 Physical Education is all that and much more. Created by SHAPE America – Society of Health and Physical Educators (formerly AAHPERD) – this text unveils the new National Standards for K-12 Physical Education. The standards and text have been retooled to support students' holistic development. This is the third iteration of the National Standards for K-12 Physical Education, and this latest version features two prominent changes:

- The term physical literacy underpins the standards. It encompasses the three domains of physical education (psychomotor, cognitive, and affective) and considers not only physical competence and knowledge but also attitudes, motivation, and the social and psychological skills needed for participation.
- Grade-level outcomes support the national physical education standards. These measurable outcomes are organized by level (elementary, middle, and high school) and by standard. They provide a bridge between the new standards and K-12 physical education curriculum development and make it easy for teachers to assess and track student progress across grades, resulting in physically literate students. In developing the grade-level outcomes, the authors focus on motor skill competency, student engagement and intrinsic motivation, instructional climate, gender differences, lifetime activity approach, and physical activity. All outcomes are written to align with the standards and with the intent of fostering lifelong physical activity. National Standards & Grade-Level Outcomes for K-12 Physical Education presents the standards and outcomes in ways that will help preservice teachers and current practitioners plan curricula, units, lessons, and tasks. The text also
- empowers physical educators to help students meet the Common Core standards;
- allows teachers to see the new standards and the scope and sequence for outcomes for all grade levels at a glance in a colorful, easy-to-read format; and
- provides administrators, parents, and policy makers with a framework for understanding what students should know and be able to do as a result of their physical education instruction. The result is a text that teachers can confidently use in creating and enhancing high-quality programs that prepare students to be physically literate and active their whole lives.

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**UNIVERSITY OF MICHIGAN OFFICIAL PUBLICATION**

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UM Libraries Each number is the catalogue of a specific school or college of the University.

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**SPORTS-RELATED CONCUSSIONS IN YOUTH**

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**IMPROVING THE SCIENCE, CHANGING THE CULTURE**

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National Academies Press In the past decade, few subjects at the intersection of medicine and sports have generated as much public interest as sports-related concussions - especially among youth. Despite growing awareness of sports-related concussions and campaigns to educate athletes, coaches, physicians, and parents of young athletes about concussion recognition and management, confusion and controversy persist in many areas. Currently, diagnosis is based primarily on the symptoms reported by the individual rather than on objective diagnostic markers, and there is little empirical evidence for the optimal degree and duration of physical rest needed to promote recovery or the best timing and approach for returning to full physical activity. *Sports-Related Concussions in Youth: Improving the Science, Changing the Culture* reviews the science of sports-related concussions in youth from elementary school through young adulthood, as well as in military personnel and their dependents. This report recommends actions that can be taken by a range of audiences - including research funding agencies, legislatures, state and school superintendents and athletic directors, military organizations, and equipment manufacturers, as well as youth who participate in sports and their parents - to improve what is known about concussions and to reduce their occurrence. *Sports-Related Concussions in Youth* finds that while some studies provide useful information, much remains unknown about the extent of concussions in youth; how to diagnose, manage, and prevent concussions; and the short- and long-term consequences of concussions as well as repetitive head impacts that do not result in concussion symptoms. The culture of sports negatively influences athletes' self-reporting of concussion symptoms and their adherence to return-to-play guidance. Athletes, their teammates, and, in some cases, coaches and parents may not fully appreciate the health threats posed by concussions. Similarly, military recruits are immersed in a culture that includes devotion to duty and service before self, and the critical nature of concussions may often go unheeded. According to *Sports-Related Concussions in Youth*, if the youth sports community can adopt the belief that concussions are serious injuries and emphasize care for players with concussions until they are fully recovered, then the culture in which these athletes perform and compete will become much safer. Improving understanding of the extent, causes, effects, and prevention

**of sports-related concussions is vitally important for the health and well-being of youth athletes. The findings and recommendations in this report set a direction for research to reach this goal.**