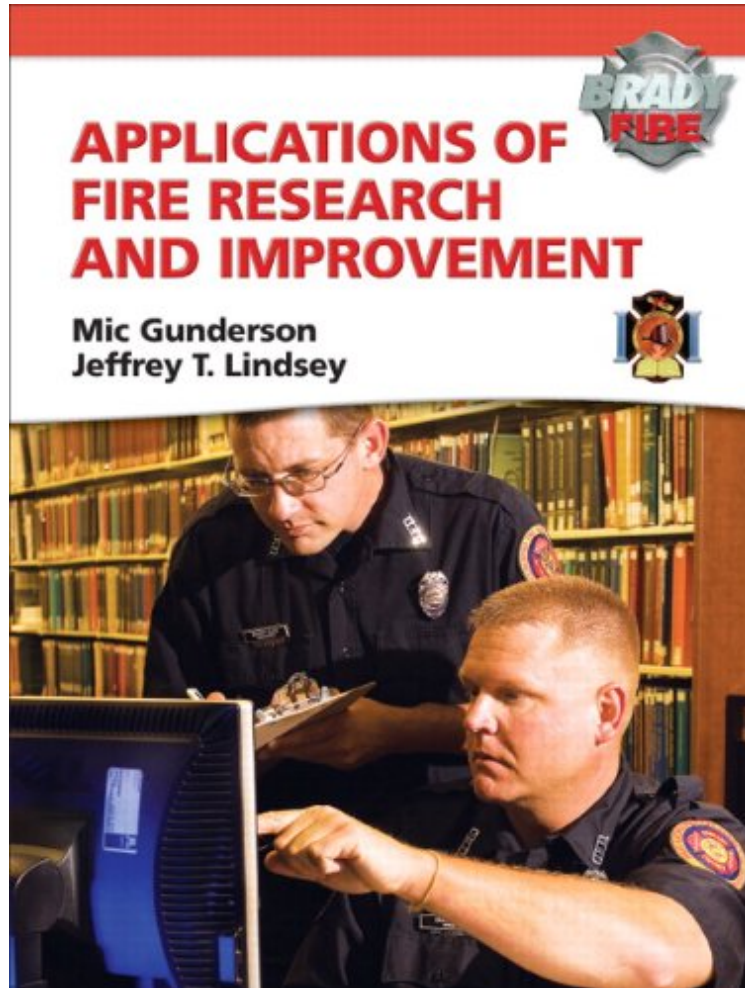


Applications of Fire Research and Improvement

Michael R. Gunderson, Jeffrey T. Lindsey Ph.D
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Mic Gunderson and Jeffrey T. Lindsey, blend both academic information for the student and real world applications for the practicing fire professional.

From the Back Cover BACKCOVER COPY Applications of Fire Research, 1/e Mic Gunderson and Jeffrey T. Lindsey Applications of Fire Research and Improvement provides the basic principles of research and research-based improvement methodologies for analyzing fire-related processes research. Written to the course outline and objectives from the Fire and Emergency Services Higher Education (FESHE) curriculum, authors Mic Gunderson and Jeffrey T. Lindsey, blend both academic information for the student and real world applications for the practicing fire professional. Features Include: Up-to-Date information meeting the FESHE guidelines for the Applications of Fire Research course specifications A comprehensive approach to fire research and fire process improvement based on application of the scientific method, accessible to all fire service personnel interested in the latest and most cutting edge research and improvement methods in their field Real world application and integration of case studies New 4-color Fire Series Design Key Terms, and End-of-Chapter Questions reinforce student learning and retention New MyFireKit offers online resources for both students and instructors in a user-friendly format, including review questions, for the student and Instructors Manual, PowerPoint, Online Courseware and Test Banks for the instructor Visit www.bradybooks.com for Other Titles of Interest: Bruegman, Fire Administration I (0-13-172084-8) Bruegman, Advanced Fire Administration (0-13502830-2) Edwards, Fire Service Personnel Management, 3/e (0-13-512677-0) Crawford, Fire Prevention Organization Management (0-13-508784-8) Marinucci, Fire Chiefs Guide to Administration and Management (0-13-613110-7) Brady/Pearson Health Science Upper Saddle River, NJ 07458 www.bradybooks.com ISBN: 0-13-502737-3 About the Author Mic Gunderson has been in EMS for over 30 years with third-service, fire rescue, private and military EMS organizations. He is the President of IPS an systems and process design and improvement firm that specializes in services to EMS, fire rescue and healthcare organizations. He serves on the faculty for the Masters in Emergency Health Services degree program at the Department of Emergency Health Services, University of Maryland Baltimore County, where he has taught EMS system design, ambulance service contracting, and quality management. He is a course developer and instructor for the EMS Quality Management Course at the National Fire Academy. He has served on the editorial boards for several peer-reviewed EMS journals, including Prehospital Emergency Care, Prehospital and Disaster Medicine, and the EMS Management Journal. Early in his career, he developed a interest in research working in a shock and resuscitation research laboratory at a medical school, which led him to start the first peer-reviewed EMS journal, which later evolved into Prehospital and Disaster Medicine. He served for 15 years on the faculty of the National Association of EMS Physicians National EMS Medical Directors Course. Mic is a frequent lecturer at EMS conferences across North and South America and has had his work published extensively in both peer-reviewed and trade journals. Jeffrey T. Lindsey, Ph.D., EMT-P, CHS IV, EFO, CFO, is the Chief Learning Officer for Health Safety Institute. He is an Assistant Professor in Emergency Health Services at The George Washington University and St. Petersburg College. He retired from the fire service as the Fire Chief for Estero Fire Rescue in Estero, FL. He has authored a number of textbooks for Brady Publishing. Dr. Lindsey is an experienced leader, educator, lecturer, author, and consultant in emergency services. He earned his doctorate and master's degree in Curriculum and Instruction from USF. He holds a bachelor's degree in Fire and Safety Engineering from the University of Cincinnati, and an associate's in Para-medicine from Harrisburg Area Community College. He also has earned his Chief Fire Officer designation and completed the Executive Fire Officer program. Dr. Lindsey has been involved in the emergency services industry since 1980. He has a diverse background with experience as a paramedic, firefighter, 911 dispatcher, and educator. He has served in various leadership roles, including fire chief. He is an associate member of the Prehospital Research Forum, representative to the Fire and Emergency Services Higher Education EMS degree committee, liaison for the IAFC EMS section to ACEP, and has held a number of other appointments through his career. He served on the inaugural National EMS Advisory Council and was the safety chairperson of the Council. He is a past member of the State of Florida EMS Advisory Council, vice-chair of the Florida Fire Chief's EMS section, NAEMT Governor representing Florida, board member of NAEMSE, and Chairperson of the Strategic Planning committee for the Lee County Fire Chiefs Association.