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Titolo	Teacher Pay and Teacher Quality [[electronic resource]] : Attracting, Developing, and Retaining the Best Teachers
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Descrizione fisica	1 online resource (201 p.)
Altri autori (Persone)	GareisChristopher R LittleCatherine A
Disciplina	331.2/813711/00973
Soggetti	Teachers - Salaries, etc - United States Teachers - Recruiting - United States Teacher effectiveness - United States Education Social Sciences Theory & Practice of Education
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Nota di contenuto	Cover; Contents; Acknowledgments; Preface; About the Authors; Chapter 1 - Attracting, Developing, Retaining-and Paying-Quality Teachers; Examining Motivation: Do Financial Incentives Work in Promoting Teacher Quality?; How We Pay Teachers: A Brief History of Teacher Compensation; Current Issues and Trends in Teacher Compensation; Teacher Pay and Teacher Quality; Concluding thoughts: Where Do We Go From Here?; Chapter 2 - Teacher Pay and School Purposes: How Do They Relate?; Aligning Teacher Compensation with Organizational Purpose and Direction Moving Forward: Key Considerations for Developing a Compensation SystemEstablishing Criteria: Defining and Measuring Quality; Summary: Teacher Compensation in the Big Picture of School Purpose; Chapter 3 - Competitive Salaries and Benefits: How Do We Stack up?; How Do Principles of Environmental Scanning Apply to Teacher Compensation Systems?; How can the Competitiveness of Teacher Salaries be

Assessed?; How can Nonsalary Benefits Contribute to a Competitive Salary Package?; What Role can Working Conditions Play in a Competing Market?; Summary: Teacher Quality and Competitive Pay
Chapter 4 - Considering Options for Teacher Pay: What are the Promising Possibilities?Single-Salary Schedule; Extra Duty/Additional Responsibility Pay; Career Ladder; Knowledge- and Skills-Based Pay; Individual Evaluation Pay; Performance-Based Pay; Creative Compensation: Other Ways of Recognizing Teacher Quality; Summary; Chapter 5 - Building a Model Teacher Compensation System: What Will Work Best for Us?; Assumptions about Compensation Systems; Design Principles: Considerations in Teacher Compensation; Designing a Compensation System Aimed at Quality
A Component-Parts Approach to Teacher CompensationA Model for Teacher Compensation; A Closer Look at the Components of Compensation; Compensation and Quality; Alternatives to Consider; Concluding thoughts: Designing a Compensation System; Chapter 6 - From Planning to Implementation: How Do We Make This Change?; Step 1: Develop the Aims and Criteria of the Compensation System; Step 2: Select Compensation Components; Step 3: Plan for Implementation; Step 4: Pilot the Restructured Compensation System; Step 5: Districtwide Implementation and Evaluation
Concluding thoughts: Teacher Quality and Teacher PayEndnotes; References; Index

Sommario/riassunto

This review of existing teacher compensation models provides school administrators with a research-based approach for developing a compensation system that attracts and retains high-quality teachers.

2. Record Nr.	UNINA9910483216303321
Titolo	Computer Safety, Reliability, and Security : 27th International Conference, SAFECOMP 2008 Newcastle upon Tyne, UK, September 22-25, 2008 Proceedings / / edited by Michael Douglas Harrison, Mark-Alexander Sujan
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Descrizione fisica	1 online resource (XIV, 456 p.)
Collana	Programming and Software Engineering, , 2945-9168 ; ; 5219
Disciplina	005.1
Soggetti	Computer networks Software engineering Coding theory Information theory Data protection Computers, Special purpose Computer science Computer Communication Networks Software Engineering Coding and Information Theory Data and Information Security Special Purpose and Application-Based Systems Computer Science Logic and Foundations of Programming
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Keynote Papers -- Critical Information Infrastructures: Should Models Represent Structures or Functions? -- Security and Interoperability for MANETs and a Fixed Core -- Technology, Society and Risk -- Panel: Complexity and Resilience -- Software Dependability -- The Effectiveness of T-Way Test Data Generation -- Towards Agile Engineering of High-Integrity Systems -- SafeSpection – A Systematic Customization Approach for Software Hazard Identification --

Integrating Safety Analyses and Component-Based Design -- Modelling Support for Design of Safety-Critical Automotive Embedded Systems -- Resilience -- Resilience in the Aviation System -- Resilience Markers for Safer Systems and Organisations -- Modeling and Analyzing Disaster Recovery Plans as Business Processes -- Fault Tolerance -- Analysis of Nested CRC with Additional Net Data in Communication -- Symbolic Reliability Analysis of Self-healing Networked Embedded Systems -- Investigation and Reduction of Fault Sensitivity in the FlexRay Communication Controller Registers -- Security -- Secure Interaction Models for the HealthAgents System -- Security Challenges in Adaptive e-Health Processes -- An Efficient e-Commerce Fair Exchange Protocol That Encourages Customer and Merchant to Be Honest -- Creating a Secure Infrastructure for Wireless Diagnostics and Software Updates in Vehicles -- Finding Corrupted Computers Using Imperfect Intrusion Prevention System Event Data -- Security Threats to Automotive CAN Networks – Practical Examples and Selected Short-Term Countermeasures -- Safety Cases -- Constructing a Safety Case for Automatically Generated Code from Formal Program Verification Information -- Applying Safety Goals to a New Intensive Care Workstation System -- Safety Assurance Strategies for Autonomous Vehicles -- Expert Assessment of Arguments: A Method and Its Experimental Evaluation -- Formal Methods -- Formal Verification by Reverse Synthesis -- Deriving Safety Software Requirements from an AltaRica System Model -- Model-Based Implementation of Real-Time Systems -- Early Prototyping of Wireless Sensor Network Algorithms in PVS -- Dependability Modelling -- Analyzing Fault Susceptibility of ABS Microcontroller -- A Formal Approach for User Interaction Reconfiguration of Safety Critical Interactive Systems -- The Wrong Question to the Right People. A Critical View of Severity Classification Methods in ATM Experimental Projects -- Security and Dependability -- A Context-Aware Mandatory Access Control Model for Multilevel Security Environments -- Formal Security Analysis of Electronic Software Distribution Systems -- The Advanced Electric Power Grid: Complexity Reduction Techniques for Reliability Modeling -- Automating the Processes of Selecting an Appropriate Scheduling Algorithm and Configuring the Scheduler Implementation for Time-Triggered Embedded Systems.

Sommario/riassunto

This book constitutes the refereed proceedings of the 27th International Conference on Computer Safety, Reliability, and Security, SAFECOMP 2008, held in Newcastle upon Tyne, UK, in September 2008. The 32 revised full papers presented together with 3 keynote papers and a panel session were carefully reviewed and selected from 115 submissions. The papers are organized in topical sections on software dependability, resilience, fault tolerance, security, safety cases, formal methods, dependability modelling, as well as security and dependability.
